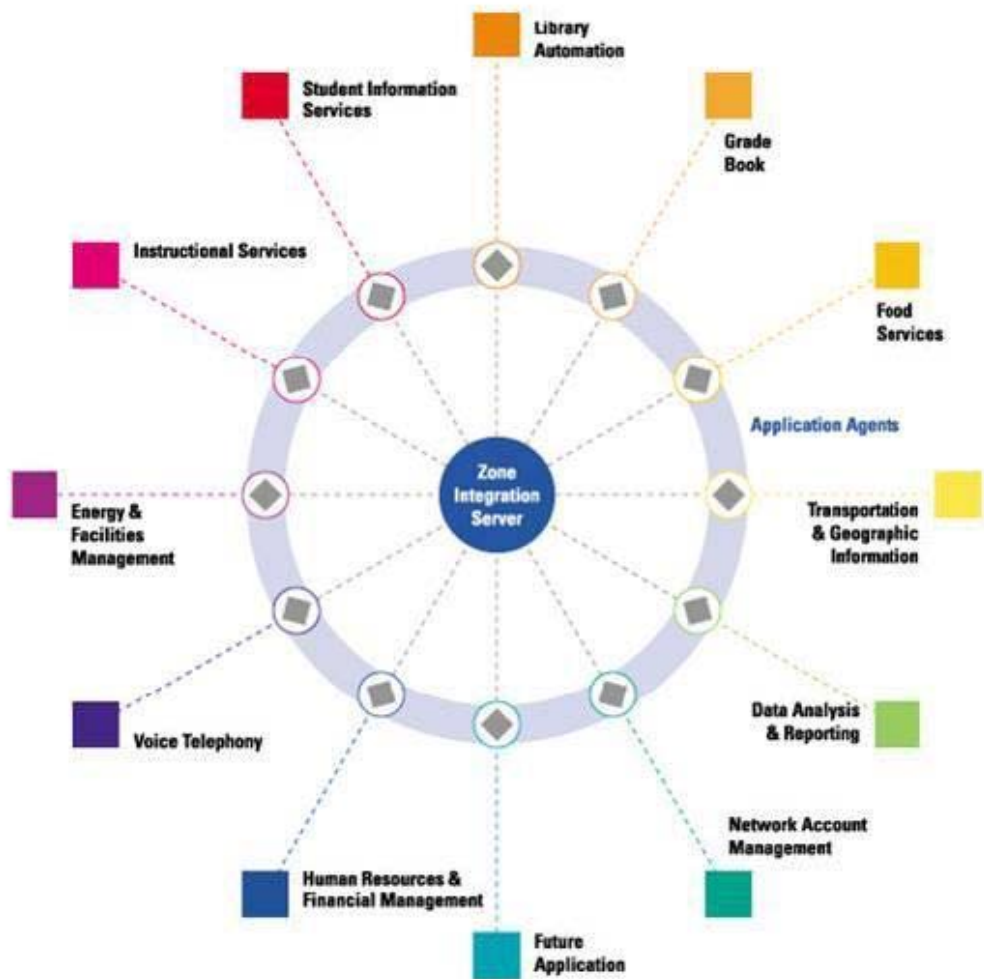


# Schools Interoperability Framework™ Implementation Specification (United Kingdom) 1.1

June 19, 2008



**This version:**

<http://specification.sifinfo.org/Implementation/UK/1.1/>

**Previous version:**

<http://specification.sifinfo.org/Implementation/UK/1.0/>

**Latest version:**

<http://specification.sifinfo.org/Implementation/UK/>

## Schemas

SIF\_Message (single file, non-annotated) (ZIP archive)

SIF\_Message (single file, annotated) (ZIP archive)

SIF\_Message (includes, non-annotated) (ZIP archive)

SIF\_Message (includes, annotated) (ZIP archive)

DataModel (single file, non-annotated) (ZIP archive)

DataModel (single file, annotated) (ZIP archive)

DataModel (includes, non-annotated) (ZIP archive)

DataModel (includes, annotated) (ZIP archive)

*Note: SIF\_Message*

schemas define every data object element as optional per SIF's Publish/Subscribe and SIF Request/Response Models; *DataModel* schemas maintain the cardinality of all data object elements.

Please refer to the [errata](#) for this document, which may include some normative corrections.

This document is also available in these non-normative formats: [ZIP archive](#), [PDF \(for printing as a single file\)](#), [Excel spreadsheet](#).

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# 1 Preamble

## 1.1 Abstract

### 1.1.1 What is SIF?

The Schools Interoperability Framework (SIF) is not a product, but a technical blueprint for enabling diverse applications to interact and share data related to entities in the pK-12 instructional and administrative environment. SIF is designed to:

- Facilitate data sharing and reporting between applications without incurring expensive customer development costs;
- Enhance product functionality efficiently; and
- Provide best-of-breed solutions to customers easily and seamlessly.

The SIF Implementation Specification defines:

- an XML-based messaging framework that allows diverse software applications to interoperate and share and report data related to entities in the pK-12 instructional and administrative environment;
- an HTTP(S)-based transport for conveying these SIF messages;
- an abstract, platform-independent definition of a message queue for reliable delivery of asynchronous SIF messages and related synchronous administrative functions—the *Zone Integration Server (ZIS)*; and
- an abstract, platform-independent definition of the interface between a software application and the ZIS—the *SIF Agent*.

These are known collectively as the *SIF Infrastructure*. The SIF Implementation Specification also defines the *SIF Data Model*:

- an XML-based data model that models entities in the pK-12 environment as *SIF Data Objects* to be shared between applications.

A *SIF Zone* is a distributed system that consists of a ZIS and one or more software applications with a SIF Agent (a *SIF-enabled application*) sharing/reporting one or more SIF data objects over a network. A *SIF Implementation* consists of one or more SIF Zones deployed and configured to meet customer data sharing and reporting needs.

The SIF Implementation Specification defines architecture requirements and communication protocols for software components and the interfaces between them; it makes no assumption of specific hardware or software products needed to develop SIF-enabled applications and Zone Integration Server implementations, other than their ability to support technologies leveraged as the foundation for SIF, most prominently XML and HTTP(S).

#### 1.1.1.1 What is SIF (UK)?

SIF Implementation Specification (United Kingdom) defines a set of data objects supporting the United Kingdom's interoperability requirements for the education sector and combines this data model with established infrastructure protocols from the SIF Implementation Specification [SIF]. SIF Implementation Specification (United Kingdom) 1.0 leverages the SIF architecture and redefines the SIF infrastructure from SIF Implementation Specification 2.0r1 [SIF 2.0r1]

to support its data objects, with a United Kingdom-specific namespace and the data objects defined in this specification. Until such time as the SIF infrastructure is defined separately from its data objects, technical readers should note that the version number internal to SIF XML messages may differ from the version number of the corresponding specification. This is the case for SIF Implementation Specification (United Kingdom) 1.0, which uses version 2.0r1 from SIF Implementation Specification 2.0r1, upon which it is based.

### 1.1.2 Schools Interoperability Framework Association

The Schools Interoperability Framework Association (SIFA) is an industry initiative to enable interoperability and data sharing between software applications in the pK-12 instructional and administrative environment, and the forum for companies and educators to participate in the development of SIF specifications in SIFA's working groups and task forces. SIFA is designed to:

- Join industry leaders in creating the next-generation framework for education technology; and
- Leverage co-marketing opportunities with partners and distributors.

## 1.2 Disclaimer

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This specification is released with the following provisos to developers and educators.

## 1.3 Certification and Compliance Claims

Though a product may be demonstrated to comply with this specification, no product may be designated as *SIF Certified™*

by an organization or individual until the product has been tested against and passed established compliance criteria, published separately [[SIF Certification](#)]. Organizations and individuals that are currently paying annual membership dues to SIFA and dedicating resources to the initiative may also use the designation *SIF Participant* to describe their involvement with SIFA and SIF in marketing, public relations and other materials.

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# 2 Introduction

## 2.1 Specification Organization

Beyond the abstract and this introduction, educators and non-technical readers are typically interested in the pK-12 data objects that can be shared and reported on by SIF-enabled applications in SIF implementations. These are presented in the [Data Model](#) section in a format that should not be a barrier to readers with a background that includes a brief introduction to [\[XML\]](#), though they may benefit from the introductory sections of [Architecture](#). Technical readers, including software architects, developers and integrators, should have a solid background in [Architecture](#), [Messaging](#), [Infrastructure](#) and [Data Model](#).

- The [Preamble](#) provides an abstract of SIF along with the SIFA disclaimer and details regarding certification and compliance claims.
- This Introduction outlines the organization of the specification, provides conventions used in this document, and summarizes versioning of the specification. Highlights of additions/changes since the previous version of the specification are also provided.
- [Architecture](#) describes the assumptions, concepts, models, and requirements related to the SIF infrastructure and data model.
- [Messaging](#) details the actions Agents and Zone Integration Servers take when sending and receiving messages.
- [Infrastructure](#) provides definitions of the XML structure of elements, messages and objects related to SIF infrastructure as opposed to data in the pK-12 environment.
- The [Data Model](#) section provides definitions of the XML structure for common elements in the data model and all objects related to entities in the pK-12 environment. This section is organized by the working groups and task forces within SIFA that have defined common elements or objects.
- The document concludes with various appendices including lists of code set values defined within SIF and in external documents, and ends with a list of [references](#) to other documents.

## 2.2 Document Conventions

### 2.2.1 Definitions

The first time a term or concept is defined, it may be *emphasized*.

### 2.2.2 Structure and Values

SIF message and object names, XML element tags, attribute names and values, and other codes or values are typically presented as in this sentence.

### 2.2.3 Examples

Longer examples of XML or HTTP messages are typically numbered and presented as given here.

*Example 2.2.3-1: Examples Convention*

### 2.2.4 References

References to other works occurring in this text are given in brackets, e.g. [REFERENCE]. The text in brackets corresponds to a key in the [References](#) appendix. Often when the text in the brackets duplicates surrounding text, the reference alone is used (e.g. [XML] instead of XML [XML]).

## 2.2.5 Terminology

The key words **MUST**, **MUST NOT**, **REQUIRED**, **SHALL**, **SHALL NOT**, **SHOULD**, **SHOULD NOT**, **RECOMMENDED**, **MAY**, **OPTIONAL**, when **EMPHASIZED**, are to be interpreted as described in [RFC 2119].

## 2.2.6 XML Diagrams

Quick overviews of XML structures, including messages, objects, common elements and types, are provided in XML diagrams. The following diagram illustrates the conventions typically encountered in SIF.

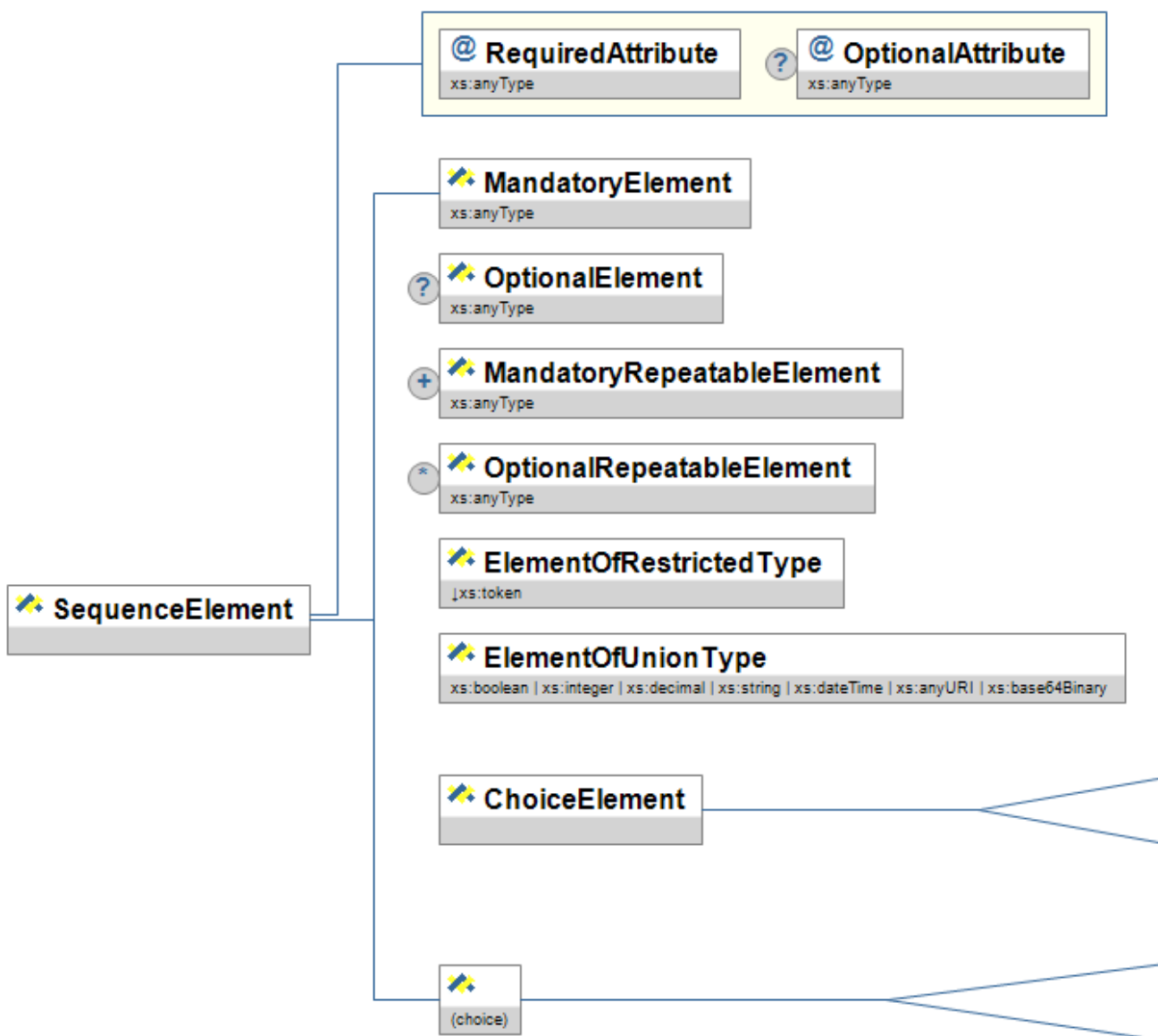


Figure 2.2.6-1: XML Diagram Conventions

XML elements are represented by rectangles with the name of the element in the upper portion and the type, if any, in the lower portion. Attributes are represented in the same fashion, but have an @ icon rather than a SIF icon. Elements and attributes that are optional have a circled ? (0 or 1 occurrence) to the left of the rectangle. Optional and

mandatory repeatable elements are indicated by a circled \* (0 or more occurrences) and + (1 or more occurrences), respectively. Element attributes are grouped together in a rectangular block and connected to the element with a line that turns at right angles. Ordered sequences of XML elements are bracketed by lines that turn at right angles. When a choice of XML elements is indicated, the elements are bracketed by angled lines. A choice of elements can occur within an element, or may be an unnamed choice of elements.

XML types are represented using the same conventions as for XML elements, though the type portion of the rectangle typically indicates a base type, if any.

The type name of any element, attribute or type may be prefixed with a  $\downarrow$ , indicating the type is restricted in some fashion by one or more XML Schema facets (e.g. enumeration). When the type is a union of types, a list of types is presented, each type separated by  $|$ ; if the list of union types is long, the list may be ellipted with  $| \dots$ .

In an actual XML diagram, element, type and attribute rectangles are usually linked to their corresponding definitions/descriptions in accompanying tables.

## 2.3 Version Numbers

The SIF Implementation Specification uses the following version numbering scheme:

*major version.minor version±revision number*

This version of the specification is a major release, and the first release of a major version has a minor version of 0 (2.0); major version numbers start at 1 and are incremented as major versions are released (1.0, 2.0, 3.0, ...). Major versions typically introduce additions/changes to the SIF infrastructure and/or data model changes that impact a significant percentage of SIF-enabled applications (e.g. making previously optional elements mandatory, removal of deprecated objects, elements or values).

Minor releases typically introduce new data objects, or optional additions to data objects, to the marketplace, and may include minor infrastructure additions/changes that do not impact existing SIF-enabled applications and that ZIS vendors have agreed to implement. The first minor version released subsequent to and within a major release has a minor version of 1 and is incremented as new minor versions are released (2.1, 2.2, ...). If a significant number of minor release features is introduced in a specification, SIFA may decide to increment the minor version number by more than 1 (e.g. 1.1 to 1.5), though a number like 1.5 is not an indication of being halfway to a major release, as minor version numbers may be incremented significantly past 10 (2.10, 2.11, ...) as data objects and other minor version features are released.

Corrections resulting from identified errata, as well as textual changes, may be incorporated into a revision release. These typically include minor corrections to messages or data objects, corrections of typographical errors, or corrected/expanded documentation. If major errors in any release are identified, a revision release may incorporate changes more typical of a major or minor release. First major and minor releases have a revision number of 0, which is omitted from the version number (2.0, not 2.0r0); subsequent revision numbers start at 1 and are incremented as new revisions are released (2.0r1, 2.0r2, ...).

# 3 Architecture

## 3.1 Assumptions

The following assumptions are made of non-technical readers of this specification, especially end users undertaking SIF implementations:

- A passing familiarity with [\[XML\]](#) and its use. Readers lacking this prerequisite are referred to [\[XMLINTRO\]](#) and other ubiquitous materials.
- A familiarity with HTTP and HTTPS and the security, encryption and authentication features of the latter. These should be familiar to World Wide Web users.
- A good understanding of the educational data that applications in an implementation store and would benefit from sharing, and the ability to identify equivalents in the SIF Data Model.

They should also be aware that there are numerous third-party products and services available to aid in SIF implementation and integration.

Technical readers implementing SIF software and software solutions, particularly those implementing SIF Agents and Zone Integration Servers from scratch as opposed to using or building upon third-party products and services, should have an understanding of:

- The subset of HTTP 1.1 [\[RFC 2616\]](#) referenced in the SIF HTTPS and SIF HTTP Transport Layers.
- Those portions of TLS 1.0 [\[RFC 2246\]](#), SSL 3.0 [\[SSL3\]](#) and SSL 2.0 [\[SSL2\]](#) that are applicable to the SIF HTTPS and SIF HTTP Transport Layers, including associated encryption, signature and authentication algorithms, including the use of X.509 certificates.
- XML 1.0 [\[XML\]](#) and its references to Unicode and the UTF-8 Encoding.
- The role and use of namespaces in XML [\[XMLNS\]](#).
- Accessing XML elements/attributes using XPath [\[XPATH\]](#).
- XML Schema data types and structures [\[XMLSCHEMA\]](#).
- Relational database and message queue concepts.

It is furthermore assumed that implementers have at their disposal or can implement:

- Adequate XML tools (e.g. parsers; parsers that can validate using XML Schema, if desired; simple XPath evaluators) as they develop SIF-compliant software.
- Implementations of HTTP(S) that support the SIF HTTPS Transport Layer, and optionally, the SIF HTTP Transport Layer.

### 3.1.1 Notes on Related Technologies

Implementers are referred to [Notes on Related Technologies](#), which highlights technologies leveraged within SIF or related to SIF, either in their entirety or as a subset. This partially normative appendix points out specifics casual readers of referenced documents on these technologies must not ignore when implementing SIF Zone Integration Servers and Agents.

## 3.2 Concepts

This section presents the ideas behind the implementation of SIF, including the application and data models on which it is based. It serves as a precursor to further descriptions in following sections.

### 3.2.1 Data Model

The data that can be exchanged in SIF is defined using a series of data objects. These objects are expressed using [XML](#) and are defined structurally by this document and associated schemas, with this document and supporting documentation defining the semantics behind the exchange of individual data objects. `LearnerPersonal`, `LearnerSchoolEnrolment` and `WorkforcePersonal` are three of the many predefined data objects.

### 3.2.2 Zone Architecture

Although there are many variations of SIF topographies, the common feature is that a number of applications wish to share data. All SIF implementations, regardless of their complexity, consist of one or more applications with their associated agents communicating via a Zone Integration Server (ZIS).

One typical use of SIF is to connect products from various vendors together within a single school. These applications could include a student information application, a food service program, and a library automation application. Each of these applications has a vendor-provided interface program called an Agent.

Since the same school shares these applications, it makes sense to group them together into a logical entity. This entity is referred to as a Zone and is managed by a Zone Integration Server (ZIS).

There are no predefined sizes for zones, so a zone can be as large or small as required in order to meet the needs of the customer.

An application relies on its agent to exchange data using a predefined data model. Agents then communicate with other agents using the ZIS as a routing resource. The ZIS also provides access control so the customer can control which applications have access to which SIF data.

#### 3.2.2.1 Contexts

The Zone is the primary means of partitioning data, applications, and policies. Zones are typically organized around geographic boundaries (e.g. school, district, region, state) or functional boundaries (e.g. horizontal integration, student locator services, data warehousing and reporting services). A SIF Context offers the ability to further partition the data within a Zone, to offer different perspectives of the data based on customer needs and application abilities. For example, while a student information system typically serves as the source for student-related data in the default context of a zone that integrates applications in a school or district, a data warehouse might better be suited to provide a historical or longitudinal perspective of that exact same student data in a different context, a context more suited to the reporting and data warehousing needs of an implementation. Contexts enable customers and system integrators to work with data in new ways while retaining the zone topologies commonly in use in implementations.

In addition to offering different perspectives on a zone's data, contexts allow two or more agents to register as a provider of the same object type within a zone. This may lead to future solutions built around contexts; for example, to better define how systems that publish similar objects cooperate in the same zone (e.g. student information systems and special education packages). Contexts also make it easier to apply a different set of business rules to different audiences. Unlike zones, which can be named and assembled in a variety of ways at the discretion of system integrators, contexts are to be treated as a part of the specification. SIFA sanctions contexts and provides documentation that defines each context's purpose and any associated message choreographies and business rules for it. Contexts defined by SIFA have context names that begin with `SIF_` and the default context for a zone is named `SIF_Default`. It is [RECOMMENDED](#) that all ZIS implementations support SIFA-defined contexts as they are introduced; support for user-defined contexts is strictly implementation dependent, and agents are discouraged from relying on ad hoc or user-defined contexts.

### 3.2.3 Infrastructure and Messaging

Agents share data in a Zone via two models, the Publish/Subscribe model and the Request/Response model. Agents publish data changes of interest to subscribers by sending a `SIF_Event` message to the ZIS. Agents can also request or query data from other agents in a Zone by sending a `SIF_Request` message to an Agent, eventually being sent one or more `SIF_Response` messages in return. This exchange of messages over a SIF-defined transport layer, SIF HTTPS or SIF HTTP, is the primary feature that defines the SIF Infrastructure. Every message exchanged over this infrastructure is wrapped inside a `SIF_Message` and contains a `SIF_Header` element that specifies the source of the message and optional

security, destination and context information. In addition to the messages exchanged between Agents via the ZIS, the SIF Infrastructure defines a number of messages that are exchanged between Agent and ZIS, and between ZIS and Push-mode Agent—these serve primarily to register various Agent settings at the ZIS and to support the exchange of messages between Agents.

### 3.2.4 Data Provision: A Request/Response Model

When an application (the *Requester*) wants to gather data from a specific data object, a `SIF_Request` message is sent to ZIS. The application may direct this request to a given *Responder* by specifying an Agent ID in the `SIF_DestinationId` element of `SIF_Header`. In most cases, however, the `SIF_DestinationId` element is omitted in which case the ZIS routes the request to the default responder, or *Provider*, for the data object of interest. Agents register as Providers with the ZIS using either the `SIF_Provision` or `SIF_Provide` message.

There is a single Provider per object per context per zone. There may be multiple Responders for a given object in a zone context.

In order to maintain control over what data is exchanged over the zone and who exchanges it, the ZIS must provide an access control system that limits who can provide, request, and respond to requests for which data objects. The access control system must maintain policies for each registered application.

If the requester knows or wants to control who the responder will be, it must place the responder's agent identifier in the `SIF_DestinationId` element of the header of the `SIF_Request` message. The ZIS will examine the `SIF_Request` message's header. If a `SIF_DestinationId` element is present, the ZIS must route the `SIF_Request` to the specified agent/application subject to the limitations imposed by the access control security policies for the zone. For instance, even though an application specifies that it wishes a specified application to respond, the zone security policy may prohibit the specified application from generating `SIF_Response` messages.

An application that wants to provide access to the data it contains via SIF may function as a responder. Such applications will support one or more SIF data objects. The application listens for `SIF_Request` messages for the objects that it supports. When it receives a `SIF_Request` for a supported object, the application will generate one or more `SIF_Response` messages containing the application's data, which will be routed by the ZIS to the requester. The responder must place the requester's agent identifier in the `SIF_DestinationId` element of the header for each `SIF_Response` message generated.

When an application receives a `SIF_Request` for a data object that it does not support, it must return a `SIF_Response` message with the `SIF_Error` element populated to indicate the nature of the error (invalid object), a `SIF_PacketNumber` of 1 and the `SIF_MorePackets` element set to indicate that no further packets will be sent in response to the `SIF_Request`.

### 3.2.5 Event Reporting: A Publish/Subscribe Model

Applications propagate data updates by publishing `SIF_Event` messages for the SIF data objects that are being added, changed, or deleted. In order for an application to receive these `SIF_Events`, subscriptions for the SIF data objects of interest must be entered at the ZIS. This subscription process is performed when an application sends a `SIF_Provision` message or one or more `SIF_Subscribe` messages to the ZIS. Once the subscriptions are entered, any `SIF_Events` for those objects received by the ZIS will be routed to the list of subscribers for those objects.

Once an application successfully sends a `SIF_Event` to the ZIS, the ZIS is responsible for delivering that `SIF_Event` to the subscribing parties without any further communication to the `SIF_Event` originator. The `SIF_Event` originator does not know how many applications, if any, receive the `SIF_Event`. No notifications are provided to the originator to indicate whether a `SIF_Event` was delivered to a subscriber or not.

The ZIS must maintain an access control system that limits who can publish and subscribe to events for which data objects.

Before an application can utilize the services of the ZIS, the application must register itself by sending a `SIF_Register` message to the ZIS. Once registered, an application does not have to perform any additional registration with the ZIS in order to be a publisher of `SIF_Event` data. Any application that has registered itself with the ZIS may publish

`SIF_Events` subject to the limitations imposed by the access control security policies for the zone. It is recommended that event publishers register their ability to publish events by using the `SIF_Provision` message.

Multiple applications may publish `SIF_Event` messages for a given data object.

The application that is registered as the Provider for a given data object must be able to subscribe to `SIF_Events` for that object but the application is not required to subscribe to `SIF_Events` in a given SIF implementation.

An application that has subscribed to a `SIF_Event` must attempt to process the `SIF_Event` according to the business rules of the application. If the `SIF_Event` contains insufficient information or information that is inconsistent with the application's business rules, the application may ignore the message.

If an application publishes a `SIF_Event` as a result of changing the data within the application and the ZIS rejects the `SIF_Event` message, it is recommended that the application rolls back or cancels the changes that were made, but the application does not have to roll back the changes. For example, an application may attempt to add a new student and publish a `SIF_Event` to reflect the addition. If the application does not have permission to publish `SIF_Event` messages for that type of object, the `SIF_Event` is rejected. The application does not have to remove the newly added student from its local database.

### 3.2.6 Communication: An Asynchronous Model

In order to ensure scalability and reliability, SIF requires that its request/response and publish/subscribe models be asynchronous in nature. Once a ZIS synchronously acknowledges receipt of a `SIF_Event`, `SIF_Request` or `SIF_Response` with the return of a successful `SIF_Ack`, an agent cannot be assured that these messages will immediately be delivered to subscribers, providers/responders or requesters, respectively, or that it will receive an immediate `SIF_Response` to any submitted `SIF_Request`.

The asynchronous communication model can be likened to communicating with someone via e-mail or through the postal office: an individual sends the message, but does not know when it will be received, much less when the receiver will respond.

By requiring asynchronous communications, a SIF implementation can exploit software designs that achieve high scalability and reliability. For example, even if an agent is not currently connected to a Zone, another application's agent can still send messages to that agent knowing that the ZIS will deliver those messages as soon as the agent is available.

In contrast to the asynchronous communication model, most agent-to-ZIS and ZIS-to-agent communication—over currently defined transport layers—is synchronous in nature. Any time an agent sends a `SIF_Message` to a ZIS, the agent waits for a `SIF_Ack` to be returned from the ZIS to acknowledge receipt of the message. Once acknowledged, the ZIS guarantees future delivery of `SIF_Event`, `SIF_Request` and `SIF_Response` messages, barring certain error conditions. For messages not directly related to the request/response and publish/subscribe models, the acknowledgement from the ZIS also indicates successful completion of operations related to registration, subscription, provision and system control operations. Relatedly, when a ZIS contacts an agent in Push mode, the ZIS waits for a `SIF_Ack` to be returned from the agent to acknowledge successful delivery of the message currently pending for the agent.

### 3.2.7 Security Model

The security model of SIF centers around three areas: encryption, authentication and access control. SIF provides application agents the ability to specify the encryption and authentication requirements for all other agents that eventually come into contact with their sensitive data. Various communication protocols over which SIF data may be transferred, including SIF HTTPS, provide built-in support for easing the implementation details of guaranteeing encryption and authentication requirements. In addition, access control at the ZIS allows a zone administrator complete control over which agents are allowed to communicate which data to other agents.

As SIF HTTPS is the default communication protocol that all agents and ZIS implementations must support, many of the encryption and authentication levels specified in this document are tailored to the encryption and authentication algorithms currently defined within SIF HTTPS. When a ZIS implementation supports other communication protocols, the ZIS must guarantee that these levels are accurately reflected and adhered to when



communicating with agents that support these same protocols.

### 3.2.7.1 Encryption

Encryption provides the mechanism to ensure that only the sender and receiver of a message can view the message contents. In a totally secure model, all communications between agent and ZIS will be encrypted. The SIF HTTPS protocol, which must be supported by all agents and ZIS implementations, is a secure transport and provides encryption of the data being exchanged.

If additional communication protocols, or transports, are used, it is important to know if these transports are secure to avoid exposing sensitive data. SIF provides a method for an agent to specify to the ZIS how secure the channel between the ZIS and other agents must be when ultimately delivering the originating agent's sensitive data. ZIS implementations must guarantee the requested security levels when communicating with recipient agents, regardless of which transport is in use. If a ZIS is unable to ensure these security levels when communicating with a recipient agent, the ZIS must not transport the message across the insufficiently secure channel. It is recommended that the ZIS log the inability to deliver the message to the recipient agent due to security requirements.

The responsibility for guaranteeing the security of data that an originating agent transfers to the ZIS lies ultimately with the originating agent, or zone administrators. For example, if the originating agent requires a very secure channel for a given message, it should not intentionally or inadvertently communicate that message to the ZIS over an insecure or insufficiently secure channel, should the ZIS support such channels. At that point, the data has already been communicated insecurely. Zone administrators can prevent such occurrences by configuring the ZIS and agents within the zone such that a minimum security level is maintained, below which communication is impossible.

In many cases, the establishment of a secure channel and encryption can be delegated to the transport layer.

### 3.2.7.2 Authentication and Validation

The role of authentication is to provide a means to ensure that the author of a message is the actual author. Authentication guards against a situation where a foreign agent claims to be a legitimate zone participant and fakes a message to gain access or alter the SIF data.

Another important role of authentication is to provide the ability to detect that each message that passes through the Zone arrives at its destination unaltered by other intermediaries.

Authentication support is optional but highly recommended.

### 3.2.7.3 Access Control

SIF must be customizable for specific deployments. This particularly applies to customization for the security policies. For example, a SIF administrator can specify which applications can participate in the SIF deployment, which data objects each application can provide or request, and what events each application can produce and receive.

The access control requirements are discussed more fully under ZIS Requirements.

## 3.3 SIF Architecture

This section describes the architecture and components that make up SIF. It presents high-level functional requirements for each component and interfaces between them. More detail on particular requirements and interfaces may be found in [Messaging](#) and [Infrastructure](#).

### 3.3.1 Architectural Components

A SIF Zone is a distributed networking system that consists of a Zone Integration Server (ZIS) and one or more integration Agents. The size of a zone is flexible and could consist of a single building, school, a small group of schools, a district, a region, a state, a nation, etc. SIF is a scalable solution for data exchange. A SIF Implementation consists of one or more SIF Zones deployed and configured to meet customer data sharing and reporting needs.

A Zone Integration Server is a program that provides integration services to all the agents registered with it so that they can provide data, subscribe to events, publish events, request data, and respond to requests. It is responsible for all access control and routing within the Zone.

Each application requires an agent, which typically is provided by the application vendor, to communicate with other applications via the ZIS and their respective agents. For example, a school may use a student information application, a food service application, and a library automation application. Each of these applications must have an agent that acts as a go-between between the application and the Zone Integration Server.

In SIF, an agent never communicates with another agent directly. Instead, each agent communicates with the ZIS as a trusted intermediary that brokers the exchange of data with other agents. Having the ZIS manage routing responsibilities allows complex communications to occur between agents that have no direct information about each other and that may or may not be available for communication at any given point in time.

The following diagram illustrates a typical single-zone SIF implementation for a school.

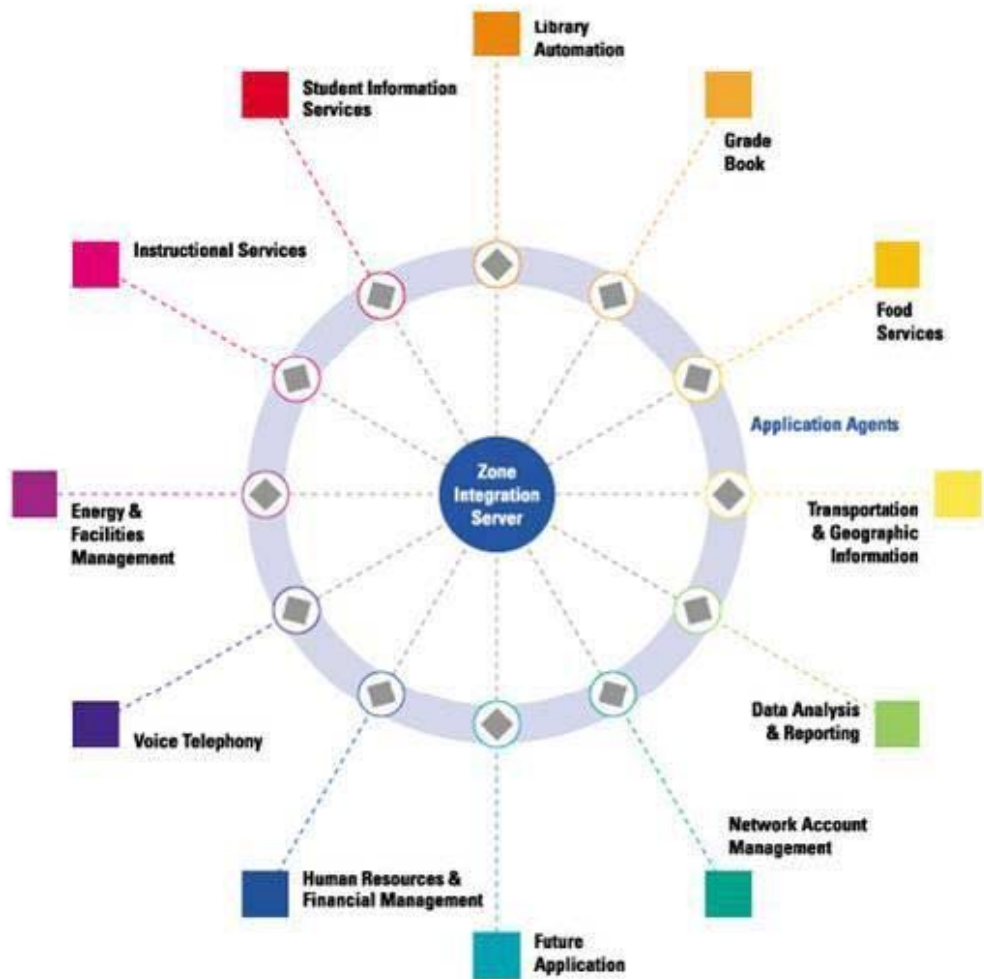


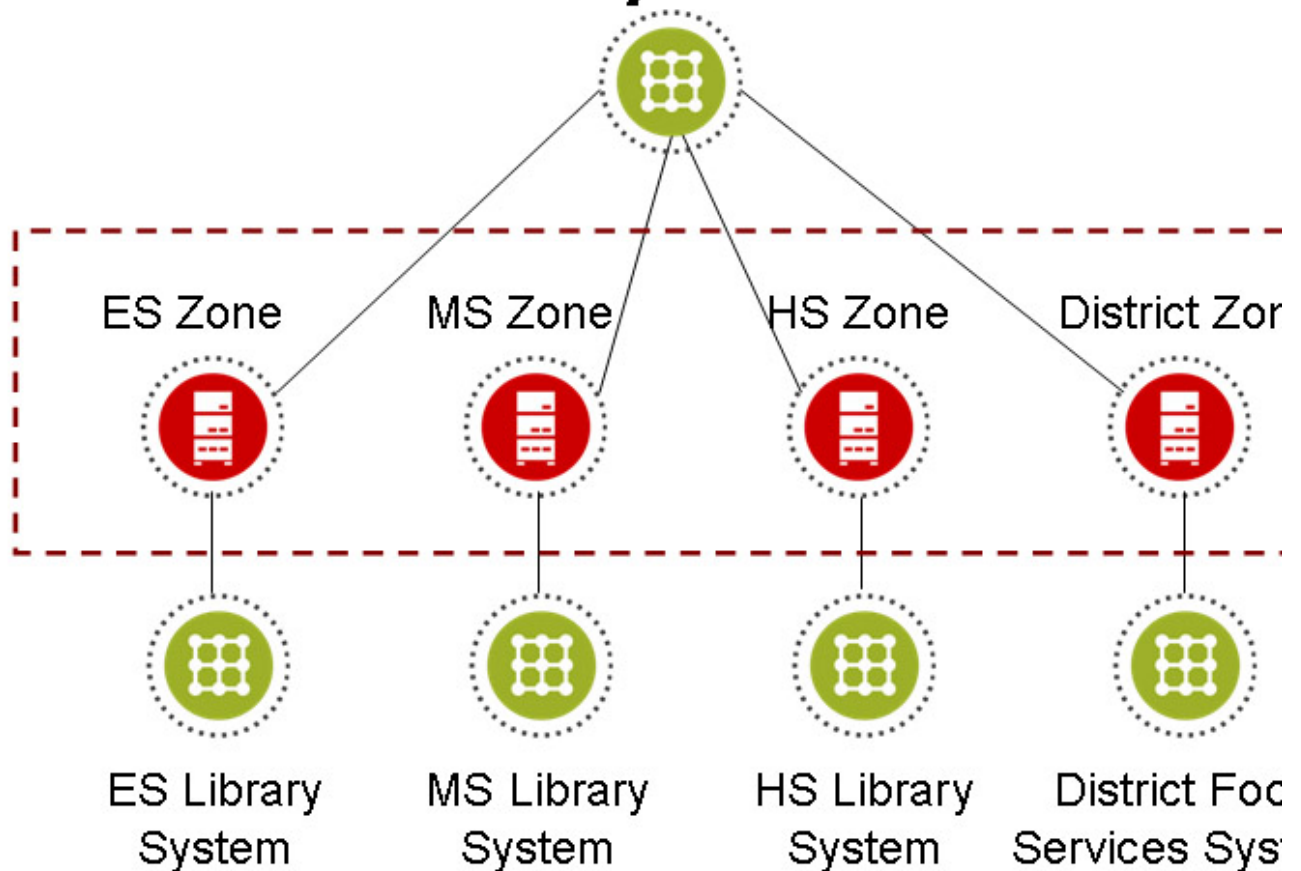
Figure 3.3.1-1: Single-Zone School SIF Implementation

A zone is often defined according to physical boundaries; for example, a zone can consist of all the applications that are connected over a private network and managed by one organization, such as a school. Security, scalability, and manageability requirements can also influence the decision of how zones are designed and configured.

Zones are a flexible and powerfully creative tool for meeting the data exchange and reporting needs of users; zones can be as varied as the customers in the education marketplace. While a single school zone may meet the needs of a single school, SIF implementations can scale to meet the needs of specific end users through the use of multiple zones, sometimes managed by different ZIS implementations. Two examples of many multiple-zone implementation design patterns are included here for illustration.

In the first, the data exchange needs of a district are met through the use of four zones, one for the district, and three for schools within the district: elementary, middle and high school. Here a student information system provides its complete set of district-wide data to a district zone, while providing school-based views of and access to that data in the individual school zones. Library systems in this implementation are school-based, while the food services system, like the SIS, is district-based.

## District Student Information System



*Figure 3.3.1-2: Multiple-Zone District SIF Implementation*

The second example illustrates an agent communicating in both a district and a state zone. This agent could be associated with many different types of applications, including a SIS or data warehouse, reporting data up to the state, , and so on.

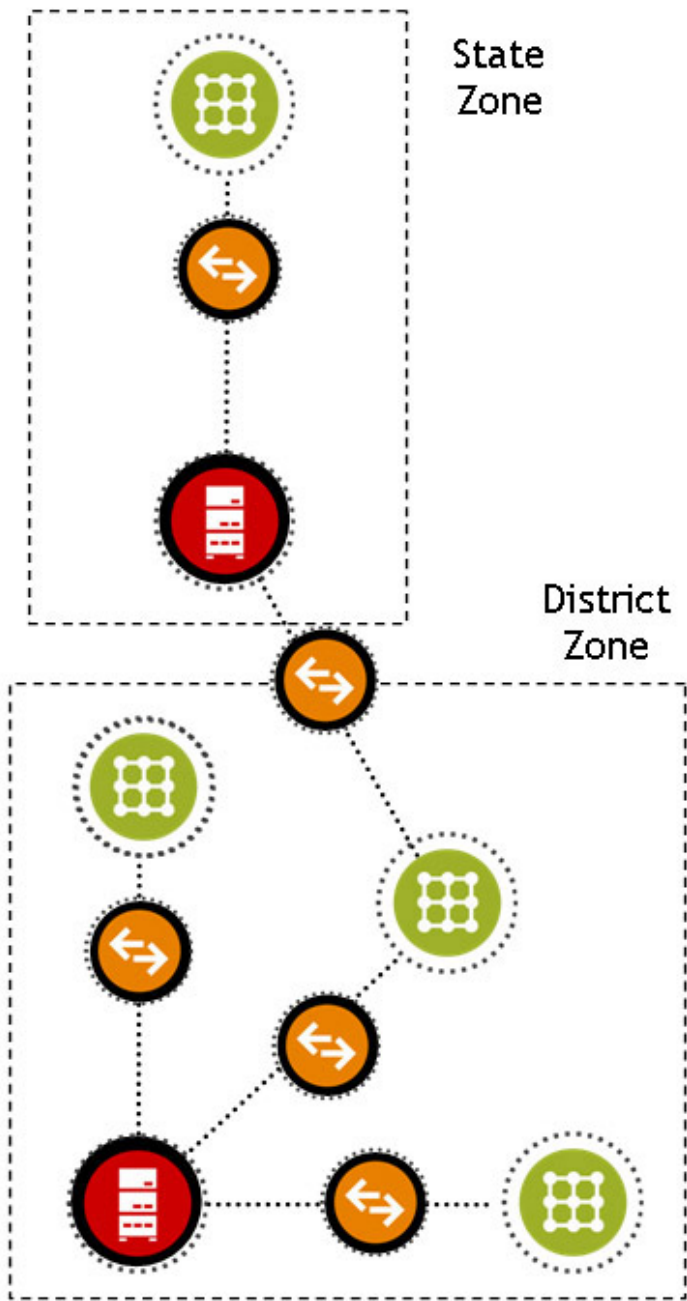


Figure 3.3.1-3: Multiple-Zone State SIF Implementation

Multiply the district portion of this diagram by dozens or hundreds of districts, each with its own local zone or configuration of zones, and the distributed scalability of SIF using zones is readily apparent.

### 3.3.2 Naming Conventions for Agents and Zone Integration Servers

SIF requires that each agent and ZIS be identified with a distinct case-sensitive identifier that is unique within a zone. This identifier is carried inside the `SIF_SourceId` element of the `SIF_Header` included in each SIF message and is used, among other things, at the ZIS to reference access control permissions of each agent within the zone. It is recommended that agent and ZIS implementations have user-configurable identifiers in order for zone administrators to maintain unique identifiers within the zone.

The identifier should be descriptive of the role of the application in the zone. For example, the library automation agent for Ramsey Elementary might carry the identifier `RamseyLib` instead of the less descriptive `CC41Agent`. The Zone Integration Server for Ramsey might be known as `RamseyZIS`.

### 3.3.3 Object Identifiers

Data objects and the data local to an application that map to these objects often must be retrieved by a unique identifier. Likewise there often exist relationships between data objects that require a unique key or identifier for efficient look-up of related data. SIF provides these keys or unique identifiers through object identifiers, also known as RefIds or GUIDs thanks to SIF naming conventions and the type of identifiers used in SIF, respectively. The

`LearnerPersonal`

object, for instance, carries detailed information about a learner, and most agents that manage or require learner information reference the data stored in this object and often map the `RefId` of `LearnerPersonal` to locally stored data, or request `LearnerPersonal` objects from the zone by `RefId`. Objects often carry an attribute that identifies a particular object instance; this attribute is named `RefId`. It is imperative that `RefIds` not clash with any other `RefId`. This is especially relevant when an agent manages a database comprised of a mix of objects; for example, a library database containing patrons, which are a mix of both learners and staff. To virtually eliminate the possibility of duplicate object identifiers and to provide a consistent, decentralized way of generating these identifiers, SIF requires the use of a globally unique identifier (GUID) that **MUST** be generated per published algorithms [RFC 4122] whenever a `RefId` is used. GUIDs in SIF have their own format; they **MUST** be 32 characters long and contain only valid upper-case hexadecimal characters (0-9, A-F) with no spaces or punctuation.

Object identifiers do not have to appear on any customer screens and they do not replace any identifiers currently in use by applications. Applications and application users can still reference data as they always have. The GUID provides an additional key, which becomes the SIF primary key that agents use to reference an object within SIF.

As stated, object identifiers are also used to represent relationships between objects. Where referenced, `RefId` is typically prefixed with the object name, . Other more complex conventions surrounding object identifiers and `RefIds` can be found in [Data Model](#).

#### 3.3.3.1 Persistence

When used as identifiers for objects that persist over time—take for instance the `LearnerPersonal` object that represents a learner in a Zone—it is SIF's intent that object identifiers not change over time. The `RefId` attribute for John Doe in first grade should have the same value when John Doe is in second grade, in middle school or in high school. This persistence of object identifiers enables longitudinal tracking of data within SIF, especially where there exist no locally unique identifiers associated with objects. Implementations **SHOULD** avoid reassignment of object identifiers within a zone and as the primary home for individual objects may move from one zone to zone over time (e.g. a student moving from a middle-school to a high-school zone).

### 3.3.4 Agent/Application Requirements

Each application that wants to be a SIF application, or SIF-enabled application, must have an agent written for it. An agent is an extension to the application that communicates with the ZIS. An agent can be an integral part of an application itself, or may be a separate, specialized client of or interface to an application.

All applications that are part of a SIF zone must be able to gracefully handle all SIF messages including those messages and data objects that the application does not support. It is **RECOMMENDED** that the application return an error `SIF_Ack` message to the ZIS for those messages that the agent does not support (error category Generic Message Handling, error code "Message not supported"). An agent **MAY** return an "Immediate" `SIF_Ack` to the ZIS and ignore unsupported messages.

High-level functional requirements for all SIF-enabled applications include the following. More detail on particular requirements may be found in [Messaging](#) and [Infrastructure](#).

#### 3.3.4.1 Communicate with the ZIS

Support for SIF HTTPS is **REQUIRED** of all agents. An agent **MUST** be able to communicate with the ZIS using SIF HTTPS, but it may attempt to communicate with the ZIS using any communication protocol defined in this or other specifications. SIF HTTP

is the other communication protocol defined in this specification at this time. Support for any communication protocol other than SIF HTTPS is implementation-dependent. If connection attempts in protocols other than SIF HTTPS fail, a connection over SIF HTTPS should be made in order for communication to proceed. Given the

sensitive nature of much of the data within the zone, it is **RECOMMENDED** that all communication occur over SIF HTTPS or similarly secure communication protocols.

Given a communication channel between agent and ZIS, an agent is **REQUIRED** to register with the ZIS if it is not already registered or if it wishes to change or retransmit its registration settings. The `SIF_Register` message provides the ZIS information regarding agent capabilities and requirements, and allows the ZIS to contact the agent in the future if the agent is capable of accepting ZIS-initiated communications (a Push-Mode Agent).

An agent **MAY** also indicate its support for various data objects and associated messages using one or more of the `SIF_Provision`, `SIF_Provide` and `SIF_Subscribe` messages.

#### 3.3.4.2 Transmit Application Changes to the ZIS

When an application makes changes to its data that correspond to a SIF object it supports, the application **MUST** be able to publish `SIF_Events` reflecting those data changes. If the application/agent makes changes to its data in processing a `SIF_Event` it has received, it **MUST NOT** publish an event that duplicates the changes as described in the processed `SIF_Event`. Should the application/agent, however, make additional changes beyond those in the `SIF_Event` being processed, the application **SHOULD** generate a new event describing the additional changes.

If an application does not support an optional field of an object or that element was not changed during the last edit, it **MUST NOT** send an empty element, (i.e., `<BirthDate/>` or `<BirthDate></BirthDate>` ); it **MUST** omit the element from the XML stream instead.

When publishing `Add` events, Agents **MUST** include all elements listed as mandatory in [Data Model](#) for the object.

#### 3.3.4.3 Respond to Requests

All agents **MUST** be prepared to handle `SIF_Request` messages for all objects gracefully. In the case where an agent receives a `SIF_Request` for an object that it does not support, in addition to acknowledging the receipt of the message to the ZIS it **MUST** send a `SIF_Response` message to the Requester with the `SIF_Error` element populated to indicate the nature of the error (invalid object), a `SIF_PacketNumber` of 1 and the `SIF_MorePackets` element set to indicate that no further packets will be sent in response to the `SIF_Request`.

If an application agent is a responder for any object, the agent must be prepared to process `SIF_Request` messages for that object. This involves the ability of the agent to traverse the application database and construct an XML response stream based upon the parameters of the query request. All responders **MUST** support `SIF_Query` and query conditions that reference root attributes of the object as well as any mandatory elements within the object, along with their mandatory attributes. Responders **SHOULD** support query conditions that reference optional elements and their attributes, when the application supports such queries. Responders **MAY** support `SIF_ExtendedQuery` and **MUST** register their support for `SIF_ExtendedQuery` using `SIF_Provision` and/or `SIF_Provide`.

When an agent is creating `SIF_Response` packets, it **MUST** attempt to ensure that each packet is no larger than the `SIF_MaxBufferSize` specified by the `SIF_Request`. If for any packet a single packet does fit within the supplied `SIF_MaxBufferSize`, the agent **MUST**, in addition to acknowledging receipt of the message to the ZIS, send a `SIF_Response` message to the Requester with the `SIF_Error` element populated to indicate the nature of the error, and the `SIF_MorePackets` element set to indicate that no further packets will be sent in response to the `SIF_Request`.

The `SIF_Request` message also contains `SIF_Version` elements that specify which SIF versions the responding agent should use when preparing the response packets. If a responding agent can support a single requested SIF version, it returns a response packet using that version. If more than one version is specified and the responding agent supports more than one of those versions it **SHOULD** respond with the highest version it supports. If the agent cannot support any requested SIF version, in addition to acknowledging receipt of the message to the ZIS, the agent **MUST** send a `SIF_Response` message to the Requester with the `SIF_Error` element populated to indicate the nature of the error, a `SIF_PacketNumber` of 1 and the `SIF_MorePackets` element set to indicate that no further packets will be sent in response to the `SIF_Request`.

If any other error occurs while creating `SIF_Response` packets for a given request, in addition to acknowledging receipt of the message to the ZIS, the agent **MUST** send a `SIF_Response` message to the Requester with the `SIF_Error` element populated to indicate the nature of the error, with `SIF_MorePackets` set to indicate that no further packets

will be sent in response to the `SIF_Request`.

Agents supporting `SIF_Requests` **MUST**

be able to return all of the object fields that the responding application supports or a subset of the fields as specified by the query request. For example, an Agent may request that only a learner's gifted/talented status be returned and not the entire `LearnerPersonal` object. If the responder does not support a requested element, it **MUST NOT** exclude the object from the response stream. Any requested element that is unsupported is omitted from the response stream; when processing `SIF_Query` requests, parent elements of requested elements, including the object itself, are included in the response stream.

If an application does not support an optional element of an object, it **MUST NOT** return an empty element. The element **MUST** instead be omitted from the XML stream.

#### 3.3.4.4 Changes Required to the Vendor's Application

Depending upon the type of architecture, the core application may need to be altered to ensure that the agent is able to forward changes to objects of interest to SIF. For example, an application that edits student data may need to be modified to capture the adds, changes, and deletes made to students and store them into a temporary repository until the agent can forward them to the ZIS. Other architectures provide the ability to trap these changes at a server level eliminating the need for any changes to the application itself.

To meet the SIF requirement of data robustness, it is highly **RECOMMENDED** that all changes to objects of interest to SIF be persisted using a database table, local message queue, or other highly reliable storage system. This specification allows for the ZIS and any or all agents to be offline at any given time. Without storing agent changes locally, these changes can be lost when the ZIS is temporarily unavailable; local storage allows these changes to be transmitted to the ZIS when it becomes available.

When an object is shared for the first time in SIF, it is the responsibility of the application making the object available to assign its object identifiers/primary keys, typically a RefId in the form of a GUID, before releasing that object to the zone in an `Add` event or in a `SIF_Response`. Some application databases are extended to include SIF object identifiers, others maintain mappings from SIF object identifiers to locally-defined keys.

If an application changes data that maps to a SIF object, it is **RECOMMENDED** that only the changed fields be sent to the zone. This will result in smaller message sizes and improved performance.

To avoid unintentional overwriting of data, unsupported fields or fields that have not been changed **MUST NOT** be sent to the zone using empty XML elements, (i.e. `<Name Type="R"/>` or `<Name Type="R"></Name>`); the fields **MUST** be omitted from the XML stream instead.

#### 3.3.4.5 Support Authentication and Digital Signatures

Supporting authentication is not a requirement but it is highly **RECOMMENDED** to ensure that your agent will be able to communicate with any ZIS. SIF does not mandate the use of authentication, but it is feasible that many SIF implementations will require this functionality. This is especially true for installations that may use the Internet to transport data.

Typically the authentication and verification mechanisms that are built into the network operating system or transport protocol can be leveraged. If these services are available, authentication and verification take place completely within the underlying security package.

The SIF HTTPS protocol supports authentication between an agent and a ZIS. If authentication is enabled and properly configured, a message receiver (agent or ZIS) can trust the SIF HTTPS implementation to verify that the message in its entirety comes from the claimed sender.

#### 3.3.4.6 Agent Local Queue

An Agent can be developed with a local queuing mechanism so that it can automatically cache incoming messages in a local queue and can acknowledge receipt of each message to the ZIS with "Immediate" `SIF_Ack` messages (which causes the ZIS to remove received messages from the agent's queue). Agents with an Agent Local Queue do not need to send any "Intermediate" `SIF_Acks` to the ZIS. Use of an Agent Local Queue can be used to locally support selective processing of messages, similar to the functionality provided by Selective Message Blocking; its

use also allows more flexibility and robustness during application/system failure when successfully acknowledging events, requests and/or responses before performing the corresponding `SIF_Event`, `SIF_Request` and/or `SIF_Response` handling.

Agent Local Queue is not a required feature of any Agent. Agent developers can choose not to develop the Agent Local Queue mechanism since this is not part of the compliance requirements for the specification at this time.

#### 3.3.4.7 Wildcard Version Support

It is possible for a SIF Zone to contain Agents written to different versions of the SIF Implementation Specification if a ZIS supports multiple versions in a Zone and has at least one version in common with all registered Agents. As such, it is possible for a SIF Zone to contain Agents that have no versions in common with other Agents. These Agents consequently have no ability to exchange `SIF_Event`, `SIF_Request` or `SIF_Response` messages, unless the ZIS provides message conversion as described in "[Multiple Version](#)" Zones.

As message conversion is an implementation-dependent feature of a ZIS, it is [RECOMMENDED](#) that Agents register in Zones and request data using `SIF_Version` wildcards (see [SIF\\_Register](#) for format) that allow for the exchange of data between Agents supporting any subset of releases within a major release cycle of this specification (e.g. `2.*` or `*` to accept any `SIF_Message` in the 2.x lifecycle). (Note that `*` allows messages from any major version to be delivered, which can be structurally quite different across major versions and pose development challenges, and is not particularly recommended for indicating the ability to receive messages from all versions within a major version release cycle.) This maximizes the ability of Agents to exchange messages and data in these Zones and, for customers, maximizes the utility of Zones supporting different versions of this specification.

Wildcard version support is particularly important for SIF-enabled applications that are not updated with each release of this specification. Furthermore, given that releases of the SIF Implementation Specification are on a more rapid release cycle beginning with version 2.1, typically smaller in scope than SIF Implementation Specification releases historically, it is anticipated that it will become more common for SIF-enabled applications in Zones to support different specification versions, and for more applications not to be updated with each release of this specification. Wildcard version support also allows applications to be SIF-enabled at any time in a SIF Implementation Specification major release cycle without risking the need to upgrade with the introduction of a new minor release of the specification, particularly when the new functionality offered by the specification does not apply to or impact the application.

Ignoring revision releases, the changes typical of releases within a given major version are limited to new data objects and optional additions to existing data objects (and optional infrastructure additions). This nature of a lower release being a subset of each higher release within a major release lifecycle—and of a higher release being a superset of each lower version—allows SIF-enabled applications access to the same elements they rely on at the time of their implementation from SIF messages defined by a number of SIF Implementation Specification versions. For associated implementation notes, see [Wildcard Version Support Implementation Notes](#).

While wildcard version support in this specification is only [RECOMMENDED](#), SIF-enabled application developers should be aware that this support may be mandatory in some SIF Certification Program product standards [[SIFCertification](#)] associated with a major release cycle, if application vendors wish to establish their applications as SIF Certified™.

### 3.3.5 Zone Integration Server Requirements

The Zone Integration Server is the central integration point for all the agents in a zone. Depending on the message type, a ZIS either saves information in the messages that it receives or forwards the messages to other appropriate agents.

The ZIS implementer is free to internally manage registration and access permissions information in any form that the implementer supports. In order to provide an example of how an administration system may be structured, this document describes a database consisting of an Access Control List and Zone Status.

#### 3.3.5.1 Access Control List

A ZIS [MAY](#) maintain access control on whether a zone administrator has granted an agent permissions to register.

A ZIS [MAY](#)



exhibit behavior with regard to the ACL that could be perceived by an Agent as if virtual tables exists defining the following information:

Field	Comments
Agent ID	The unique ID for an Agent (provided as the Source ID in a SIF_Register message)
Register	May this agent register in the zone?

Table 3.3.5.1-1: Register

An example of this virtual table, which defines which agents are allowed to register in the zone, might be as follows:

Agent ID	Register
RamseySIS	true

Table 3.3.5.1-2: Virtual Table Example (Register)

In addition, a ZIS **MUST** exhibit behavior with regard to the ACL that could be perceived by an Agent as maintaining per-context/per-object permissions for each message associated with SIF's Publish/Subscribe and Request/Response models. When an agent tries to inquire about a student's personal information, for example, the ZIS needs to check if the agent has the proper permission to request such information. Access control is needed to ensure that the information available in SIF only originates from and is accessible by authorized agents.

Field	Comments
Agent ID	The unique ID for an Agent (provided as the Source ID in a SIF_Register message)
Context Name	The name of the SIF Context to which the permissions apply
Object Name	The object being manipulated (e.g., LearnerPersonal, etc.)
Provide	May this Agent register as the provider for this object in this context?
Subscribe	May this Agent register as a subscriber for this object in this context?
Publish "Add" Event	May this Agent publish "Add" events for this object in this context?
Publish "Update" Event	May the Agent publish "Update" events for this object in this context?
Publish "Delete" Event	May the Agent publish "Delete" events for this object in this context?
Request	May this Agent request this object in this context?
Respond	May this Agent respond to a request for this object in this context?

Table 3.3.5.1-3: Access Control

It is important to understand that this is a virtual table, defining the appearance of the functionality to the Agents, the actual implementation of this functionality is at the discretion of the implementers of a ZIS. An example follows:

Agent ID	Context Name	Object Name	Provide	Subscribe	Publish "Add" Event	Publish "Update" Event	Publish "Delete" Event	Request	Respond
RamseySIS	SIF_Default	LearnerPersonal	true	true	true	true	true	false	true
RamseySIS	SIF_Default	PersonPicture	false	false	false	false	false	true	false
...	...	...	...	...	...	...	...	...	...

Table 3.3.5.1-4: Virtual Table Example (Access Control)

In addition to access control permission violations, attempts to register any of this functionality with the ZIS may fail due to other reasons; e.g. unsupported transport mechanisms, there already being a provider for an object, etc. As a result, an Agent **SHOULD** be able to gracefully handle corresponding error conditions or report those errors to a zone administrator.

### 3.3.5.2 Zone Status

The ZIS **MUST**

maintain the status of the zone for implementation purposes, as well as for communicating this status to other agents, as defined in `SIF_ZoneStatus`, when requested. This status includes but is not limited to:

- . product information about the ZIS;
- . supported transport protocols, authentication methods and SIF versions;
- . supported contexts (see below for more information);
- . the currently registered agents, along with applicable registration settings and the current state of each agent; and
- . lists of currently registered providers, subscribers, publishers, responders, and requesters.

Providing examples of virtual tables that illustrate storage of all the information associated with `SIF_ZoneStatus` is beyond the scope of the specification; implementers should refer to `SIF_ZoneStatus` for requirements.

### 3.3.5.3 Zone Context Registry

Zone Integration Servers **MUST**

maintain a registry of the contexts used in each zone in order to perform contextual message routing and to populate the `SIF_ZoneStatus/SIF_Contexts` element. This registry will always contain, at a minimum, the official list of contexts defined by the version of SIF that the ZIS supports. Beginning with SIF 2.0, that means that each zone will, at a minimum, support the `SIF_Default` context. A ZIS **MAY** support allowing additional contexts to be defined within the context registry at the discretion of the ZIS administrator. Access Control Lists within each context **MUST** also be able to be managed by the ZIS administrator. The set of permissions for each agent within each context **MUST** be able to be set differently than ACL permissions within a different context for the same agent.

An agent can obtain a list of all contexts currently defined in a zone by requesting the `SIF_ZoneStatus` object and enumerating the children of its `SIF_Contexts` element. An agent can determine its ACL permissions within the zone and each context by referring to the `SIF_AgentACL` object and enumerating the permissions and contexts defined within it.

### 3.3.5.4 Administration

A ZIS **MUST**

provide an interface for Zone Administrators to configure zone settings, including access control permissions. Given the distributed nature of SIF, it is **RECOMMENDED** this be a Web-based interface. Some of the areas that require administration are:

#### Administration

Start and stop the ZIS and/or set the state of the ZIS to "asleep" or "awake."

#### Security Policies

A ZIS must provide an interface for administering access control permissions as described above.

Administering the minimum `SIF_EncryptionLevel` for the zone (if only one encryption level is supported, configuration options are unnecessary).

Administering the minimum `SIF_AuthenticationLevel` for the zone (if only one authentication level is supported, configuration options are unnecessary).

It may also include installing client and server certificate administration.

#### Zone Settings

If the ZIS supports more than one SIF version it must support configuration of which SIF versions are used in a zone.

If the ZIS supports more than one transport protocol, it must allow for configuration of which transports agents can use to communicate, including limiting communication to SIF HTTPS.

The ZIS must support configuration of the minimum acceptable `SIF_MaxBufferSize` for the zone.

If message validation is supported and configurable, configuration to enable or disable message validation in a Zone should be available.

#### Logging

Capture error and message logs to aid in tracking pending, successful and failed delivery of messages.

### Reporting

Report zone status and statistics.

### Testing

Provide a mechanism to "ping" Push-Mode agents.

## 3.3.5.5 Support Selective Message Blocking (SMB) to Resolve Deadlocks

### 3.3.5.5.1 Description

Selective Message Blocking is a feature that **MUST** be implemented by a ZIS to enable non-multitasking agents unable to persist portions of their message queue locally to request information from other Agents while processing a `SIF_Event` message, without causing communication "deadlock" between an agent and a ZIS.

This feature allows an agent to inform the ZIS with an "Intermediate" `SIF_Ack` message that the ZIS must temporarily stop delivering `SIF_Event` messages to the agent. The "Intermediate" `SIF_Ack` message must not be used by agents in response to messages other than `SIF_Event`. The ZIS, however, can deliver other agent-destined messages, `SIF_Request` and `SIF_Response`, to this agent. After it finishes processing the `SIF_Event` message this agent sends the "Final" `SIF_Ack` message to the ZIS, which will discard the blocked `SIF_Event` message and resume normal delivery of all messages, including `SIF_Events`. SMB is supported for both Push and Pull modes.

### 3.3.5.5.2 Requirements

- If, after attempting delivery of a `SIF_Event` message to an agent, the ZIS receives an Intermediate `SIF_Ack` (`SIF_Status/SIF_Code=2`) from the agent, the event is blocked and all `SIF_Event` messages destined for the agent, whether already in the queue or that arrive while blocked, are considered frozen. The ZIS will not deliver any `SIF_Event` messages that are frozen.
- If no `SIF_Ack` at all is received, or if a transport error occurs, this `SIF_Event` must be considered an undelivered message. The next message to be delivered to the agent will be this event.
- The ZIS must not deliver another `SIF_Event` message to the agent until a "Final" `SIF_Ack` is received (`SIF_Status/SIF_Code=3`), giving the ZIS permission to discard the original event and resume event delivery. The `SIF_OriginalMsgId` in the "Final" `SIF_Ack` **MUST** contain the `SIF_MsgId` of the blocked `SIF_Event`.
- If `SIF_Events` are frozen, the next message to be delivered is the oldest message that is not a `SIF_Event` message. Once `SIF_Events` are unfrozen, all remaining messages in this agent's queue, including `SIF_Events`, will be delivered in the order in which they have been received by the ZIS.
- If the ZIS receives a `SIF_Wakeup` or `SIF_Register` message then the block on any frozen `SIF_Event` messages will be removed and the originally blocked message will be the next message delivered to the Agent.

### 3.3.5.5.3 Example

For a detailed example of SMB, see the [Selective Message Blocking \(SMB\) Example](#).

## 3.3.6 Message Processing

To ensure interoperability, SIF defines a set of messages that are exchanged between agents and Zone Integration Servers. The SIF messages are used to perform various operations such as provision, subscription, event reporting, request and response, and ZIS administration.

### 3.3.6.1 Message Validation

SIF recommends that each message receiver validate any incoming message to ensure that it is a valid SIF message. A message receiver should discard any messages that do not conform to the definition of `SIF_Message` and return an error to the originator of the message.

This specification will evolve over time to include new messages and modifications to messages that have been defined. Each agent and ZIS should explicitly define which version(s) of the specification they support and validate

each incoming message according to its version.

SIFA provides an XML Schema [\[SCHEMA\]](#)

corresponding to this version of the specification for ZIS and agent implementations that choose to perform optional message validation. Implementations are free to include additional validation above and beyond the validation capabilities that XML Schema provides.

The schemas for all versions of this specification are available from SIFA and can be referenced by ZIS and agent implementations that choose to perform optional message validation. This allows implementations to choose schemas based on the particular version in use by an agent or a ZIS. SIF messages **MUST NOT** be transmitted with hard-coded references to DTDs, schemas or other validation mechanisms. The XML "doctype decl" (<!DOCTYPE SIF\_Message... ) **MUST NOT** occur in SIF XML messages, nor should  `xsi:schemaLocation`  be used on  `SIF_Message` .

The schemas for supported versions of the SIF Implementation Specification enforce ordering of elements and data typing within objects, as per the element tables given in [Infrastructure](#) and [Data Model](#). In the event that ZIS and agent implementations choose not to perform message validation, ZIS and agent implementations must still send elements as ordered with the types specified in the element tables (i.e., well-formed AND valid XML must be sent for approved objects even if validation is known to be turned off). When XML validation is turned off, the sending of draft and locally-defined objects not included in the schemas becomes possible, and these objects may experimentally be sent as desired until they make their way into future versions of the specification and supporting schemas.

ZIS implementations are in the unique position of not only sending messages they themselves formulate; they also forward messages received from agents. When optional message validation is not being performed by a ZIS, it is possible that the ZIS may receive a well-formed but invalid XML message from a non-compliant agent. Under these circumstances, and being the routing mechanism it is, a ZIS is under no obligation to correct an invalid XML message it receives from an agent for delivery to other agents. Zone administrators can prevent invalid XML messages from being delivered if the ZIS supports message validation and they choose to turn that feature on, if configurable. Should it receive an invalid but well-formed message from an agent, a ZIS not performing message validation delivers the message like any other to destination agents.

### 3.3.6.2 Message Identification

Each message originating from an agent or ZIS needs to have a message identifier ( `SIF_MsgId` ) that is used to identify the message. In order to eliminate the possibility of duplicated message identifiers, and to provide a consistent way of generating these identifiers, SIF requires the use of a globally unique identifier [\[RFC 4122\]](#) as message identifiers.

The reason that a unique identifier is required is that many messages are handled asynchronously in SIF. This means, for example, that  `SIF_Response`  for a given  `SIF_Request`  message may not arrive until some time in the future. When the  `SIF_Response`  arrives, it will contain the original  `SIF_MsgId`  but no other information about the original message is guaranteed to be provided. The message originator must ensure that it will be able to match up the  `SIF_Response`  with the original message based solely on the message identifier.

For further information concerning the generation of GUIDs, see [\[RFC 4122\]](#).

### 3.3.6.3 Message Security

Because of policy or legislation, providers of extremely sensitive data must never expose that data over an insecure channel. An insecure channel at delivery time is one whose levels of authentication ( `SIF_AuthenticationLevel` ) and data encryption ( `SIF_EncryptionLevel` ) fall below the values specified by the originating sender. Once the data is communicated to the ZIS, the originator of the message depends upon the ZIS to enforce the security levels requested and the ZIS must not deliver that message to recipient agents using an insecure channel. The originating agent requests the use of a secure channel at delivery time by incorporating a  `SIF_Security`  element in the header of the message. The  `SIF_Security`  element contains  `SIF_AuthenticationLevel`  and  `SIF_EncryptionLevel`  elements that define the minimum level of security a data transport channel must provide upon delivery. If a ZIS does not deliver a message due to insufficient security of the connection with a recipient agent, it is recommended that the ZIS log the inability to deliver the message due to security requirements.

The only SIF messages that currently originate with an agent and that are ultimately delivered to other agents are  `SIF_Request` ,  `SIF_Response`  and  `SIF_Event` . An originating agent may add a  `SIF_Security`  element to all

messages, but these three messages are the only ones where `SIF_Security` will be examined and processed by the ZIS. `SIF_Security` is used by an originating agent to specify the security requirements of the communication channel between the ZIS and any recipient agent at delivery time. The semantics of including the `SIF_Security` element on messages other than `SIF_Request`, `SIF_Response` and `SIF_Event` are reserved for future versions of the specification.

The specification provides several levels of authentication and encryption protection.

#### 3.3.6.3.1 `SIF_AuthenticationLevel`

- 0 No authentication required and a valid certificate does not need to be presented.
- 1 A valid certificate must be presented.
- 2 A valid certificate from a trusted certificate authority must be presented.
- 3 A valid certificate from a trusted certificate authority must be presented and the CN field of the certificate's Subject entry must match the host sending the certificate.

The CN field is more commonly known as the "Common Name" field. `SIF_AuthenticationLevel 3` requires that the CN contents match the host where the message was originated. For instance, a CN entry could be "sifinfo.org" or perhaps "207.95.37.30". If a ZIS at SifInfo.org (IP address 207.95.37.30) contacts an agent at MyAgent.sifinfo.org, the agent's SIF HTTPS transport layer can look at the CN entry in the certificate that was presented by the ZIS and compare it to the actual IP address of the ZIS. `SIF_AuthenticationLevel 3` ensures that not only a valid and trusted certificate was presented but that the agent is actually communicating to the ZIS located at the IP address referenced in the certificate.

Because security is a cornerstone of the SIF specification, it is recommended that all ZIS and Agent implementations support client authentication as well as server authentication. When client authentication is being used, the connection first authenticates the server (the party that is being contacted) and if the authentication was successful, the server will request that the client present its certificate for authentication. In this manner, both the ZIS and the agent confirm that they are communicating with the proper parties.

Since client authentication is not universally available in all SIF HTTPS implementations, client authentication is only recommended. The need for client authentication is reduced somewhat by using asynchronous message delivery (Push mode) since the ZIS and the agent are both server type applications and will authenticate each other. The need for client authentication is greater for those agents polling for messages (Pull mode) because the ZIS never has to initiate contact with the agent.

#### 3.3.6.3.2 `SIF_EncryptionLevel`

- 0 No encryption required
- 1 Symmetric key length of at least 40 bits is to be used
- 2 Symmetric key length of at least 56 bits is to be used
- 3 Symmetric key length of at least 80 bits is to be used
- 4 Symmetric key length of at least 128 bits is to be used

If a `SIF_Request`, `SIF_Response` or `SIF_Event` is received by the ZIS that does not contain a `SIF_Security` element, the ZIS assigns the lowest level (0) to both the `SIF_AuthenticationLevel` and `SIF_EncryptionLevel` requirements for the message, unless a Zone administrator has configured higher minimum encryption and authentication levels for the Zone. This means that the ZIS may distribute this message to any agent that has registered with the ZIS subject to the access control security provisions in place for the zone.

The lack of a `SIF_Security` element does not mean that the message will be transported in an insecure manner. Recipient agents communicating

with the ZIS over secure channels will receive the message in a secure manner, consistent with the connection.

Omitting the `SIF_Security`

element simply allows for those agents that communicate over insecure channels to receive the message, should a zone allow for insecure channels. A zone administrator can prevent messages without `SIF_Security` elements being communicated over insecure channels by configuring the ZIS and agents in the zone such that a minimum security level is maintained, below which communication is impossible.

For ZIS and agent implementations that support communication protocols or transport implementations where the security of a channel cannot be determined at delivery time, it is recommended that the zone administrator configure the ZIS and agents in the zone such that a minimum security level is maintained, below which insecure connections cannot be established.

#### 3.3.6.3.3 Notes on `SIF_AuthenticationLevel`

If authentication based on certificates is being used, care needs to be given to determine if Level 2 (anonymous certificates) will provide the necessary level of protection. With Level 2 authentication, it is possible to use a web browser to make secure connections to the ZIS using the certificates that are built into the browser. This level of authentication is what is used by almost all Internet transactions (stock trading, shopping, financial, etc.). Level 2 does expose the user to a risk of a "man-in-the-middle" attack that can't occur using Level 3 authentication.

Level 3 mandates that a certificate issued by a trusted authority, (i.e. school district), be installed in the web browser before the browser will be able to connect to the ZIS. This may place unnecessary burdens on the client especially if it is likely that authorized users may wish to connect to the ZIS using a variety of browsers.

#### 3.3.6.3.4 Notes on `SIF_EncryptionLevel`

Weaknesses in a cipher algorithm aside, the major governing factor as to the strength of data encryption is the length of the cipher key. Thus a 128-bit implementation typically provides stronger encryption than an 80-bit implementation. Please note that support of some SIF encryption levels may be subject to export control, limiting distribution of all levels in all countries [EXPORT].

There are also two main types of cipher algorithms. The first is called a symmetric cipher, which uses the same key to encrypt and decrypt the data. The second type is called public-key cipher, which depends upon using a private key of the sender along with the public key of the receiver. Because of the nature of public-key ciphers, a larger number of bits must be used to achieve a comparable level of encryption strength.

The `SIF_EncryptionLevel`

bit sizes are based on symmetric ciphers. A table that lists the equivalent key length for a public-key cipher is listed below.

Symmetric Key Length	Public Key Length	Strength
40 bits	256 bits	Very weak, not recommended except for very minimal protection (i.e. prevents casual snooping but can be broken in minutes by knowledgeable attackers).
64 bits	512 bits	Weak. The current U.S. "standard" has been bumped up to 64 bits from 56 bits but the key length is still weak for sensitive data.
80 bits	768 bits	Moderate
128 bits	2048 bits	Strong, recommended for Internet

Table 3.3.6.3.4-1: Key Lengths

For more information regarding this topic, please refer to Chapter 7 of [Schneier].

#### 3.3.6.4 Message Robustness

It is important for SIF to guarantee message delivery no matter what happens during delivery of a message, including an unexpected network breakdown or system crash. This requires that each agent and ZIS save each message in permanent storage. At delivery time it is also possible, however, for a ZIS to be prohibited from delivering a message due to security requirements requested by originating agents for individual messages. If this

occurs, it is recommended that ZIS implementations discard the affected message so that delivery of other messages may proceed. If the ZIS does discard the message, the ZIS **MUST** report a `SIF_LogEntry` event with the appropriate error category and code, containing a copy of the `SIF_Header` from the original message. In addition, it is recommended that the ZIS log the delivery failure to its own log.

When a message is delivered under normal circumstances by a ZIS, an agent will return an "Immediate" `SIF_Ack` or a `SIF_Ack` with any applicable error condition, signaling the ZIS that it may delete the message from permanent storage. In the case of events, agents may also return an "Intermediate" `SIF_Ack` to invoke Selective Message Blocking (SMB). In that case, the ZIS will not delete the current `SIF_Event` from permanent storage until the agent sends a "Final" `SIF_Ack` to the ZIS.

When a message is sent to the ZIS under normal circumstances by an agent, the ZIS returns a successful `SIF_Ack` or a `SIF_Ack` with any applicable error condition to indicate to the agent that it has in fact received the message and that the agent may delete the message from any permanent storage.

If a ZIS or agent encounters a transport error in sending a message, it is recommended that the sender retry sending the message. Transport errors where retrying the message is warranted include, but are not limited to, a connection close without a `SIF_Ack` returned, a transport error or a `SIF_Ack` with an error category of 10 indicating a connection cannot currently be established, etc. A ZIS in particular must retry delivery of messages from the agent queue until a `SIF_Ack` that removes the message from the agent's queue is received, subject to certain undeliverable error conditions (e.g. security requirements cannot be negotiated, maximum buffer size too small, etc.). Facing such error conditions, other potentially unresolvable transport errors, or if a `SIF_Ack` is returned with any other type of error category, the sender may decide not to retry or—when queued, to delete—a message to avoid a potential deadlock condition. Agents returning `SIF_Ack` messages with error conditions should be aware that such acknowledgements will remove the currently pending message from their delivery queue.

### 3.3.6.5 Message Cycle

All SIF messages follow the same model. The sender posts a message and receives a `SIF_Ack` back as a response. The posting of the message by the sender and the receipt of the `SIF_Ack` from the receiver constitutes one complete cycle. Agents and ZISes can function as senders or receivers, depending on the type of message. The message process is identical, regardless of the type of message being sent.

If for any reason a sender inadvertently resends a message with a given `SIF_MsgId` and the receiver detects this, the receiver may return a `SIF_Status` code indicating that it already has the message. This `SIF_Status` code is considered a success; the receiver simply discards the duplicate message and continues handling of the original message.

### 3.3.6.6 Message Delivery

There are two models for delivering messages to an agent, "Push" and "Pull." An agent specifies which mode it wants to use when it registers with the ZIS.

"Push" refers to the action by a ZIS to actively deliver messages to an agent without the agent having to initiate contact with the ZIS. When the ZIS receives a message for an agent and the agent is not in "Sleep" mode; the ZIS will initiate contact with the agent and send the message to the agent.

"Pull" refers to the action by an agent to explicitly request a single message from the ZIS. When an agent is ready to receive a message, it sends a "Pull" request to the ZIS, to obtain a message that the ZIS has saved in the queue for the agent. After receiving the pull request, the ZIS will examine the agent's queue and either returns a message or a status code indicating that no messages are available for the agent.

Both modes serve useful purposes. The key requirement is that both an agent and its ZIS must communicate using the SAME mode to avoid potential conflicts.

At delivery time, be it in push or pull mode, a ZIS may encounter messages that it is prohibited from delivering, e.g. due to security requirements requested by originating agents for individual messages, etc. If this occurs, it is

recommended that ZIS implementations discard the affected message(s) so that delivery of other messages may proceed. If the ZIS does discard a message, the ZIS **MUST** report a `SIF_LogEntry` event with the appropriate error category and code, containing a copy of the `SIF_Header` from the original message. `SIF_LogEntry/SIF_Desc` must contain the `SourceId` of the agent that has failed to receive the message. In addition, it is recommended that the ZIS log the delivery failure to its own log.

### 3.3.6.6.1 The "Push" Model

When an agent has registered using the "Push" mode, the agent assumes that the ZIS will open a transport connection and send the next available message to the agent. An agent can reply to the sent message with an "Immediate" or optionally—in the case of `SIF_Events`—an "Intermediate" `SIF_Ack`, invoking Selective Message Blocking (SMB); it can also reply using a `SIF_Ack` with any applicable error condition. "Immediate" or error `SIF_Acks` remove the current message from the agent's queue, freeing any remaining or future messages to be delivered to the agent. A "Final" `SIF_Ack` sent to the ZIS will terminate SMB, removing the frozen event from the agent's queue, freeing any remaining or future messages to be delivered to the agent.

### 3.3.6.6.2 The "Pull" Model

When an agent has registered using the "Pull" mode, the agent requests a message from the ZIS by sending a `SIF_GetMessage` message to the ZIS.

An agent can only issue a `SIF_GetMessage` to request a message if the agent has previously sent a successful `SIF_Register` message specifying Pull mode. If the ZIS receives a `SIF_GetMessage` request and the agent hasn't registered using the Pull mode, the ZIS must return a `SIF_Ack` containing an error category of Registration and an error code indicating that the agent has registered using Push mode.

After receiving a `SIF_GetMessage` request from an agent, the ZIS will return the next message available for delivery to the agent, subject to Selective Message Blocking. The criteria used to select the message are identical to that used if the ZIS were to Push a message to an agent.

If a message is available for the agent, the ZIS will return a `SIF_Ack` message with a `SIF_Status/SIF_Code` of 0 and `SIF_Status/SIF_Data` containing the message from the queue:

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>ABCD1058E028D076F083738296372D4E</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>SifInfo_TestZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>1058ABCDE028D076F083283BC63E6276</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>0</SIF_Code>
      <SIF_Data>
        <SIF_Message Version="2.1">
          <SIF_Event>
            <SIF_Header>
              <SIF_MsgId>AB34DC093261545A31905937B265CE01</SIF_MsgId>
              <SIF_Timestamp>2006-02-18T08:39:12-08:00</SIF_Timestamp>
              <SIF_SourceId>RamseyLib</SIF_SourceId>
            </SIF_Header>
            <SIF_ObjectData>
              <SIF_EventObject ObjectName="LearnerPersonal" Action="Change">
                <LearnerPersonal RefId="D3E34B359D75101A8C3D00AA001A1652">
                  <PersonalInformation>
                    <Name Type="R">
                      <GivenName>William</GivenName>
                    </Name>
                  </PersonalInformation>
                </LearnerPersonal>
              </SIF_EventObject>
            </SIF_ObjectData>
          </SIF_Event>
        </SIF_Message>
      </SIF_Data>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example 3.3.6.6.2-1: The "Pull" Model - `SIF_Status/SIF_Code` of 0



When a pull-mode agent supports multiple SIF specification versions, the version of the `SIF_Ack` message returned by the ZIS must match the version of any `SIF_Message` contained in `SIF_Status/SIF_Data`. For example, if an agent supports versions 1.1 and 1.5 (or 1.\*) and the next message in the agent's queue has a `SIF_Message/@Version` value of 1.5, the `Version` attribute of the `SIF_Ack` message returned by the ZIS must be 1.5, even if the pull-mode agent sent its `SIF_GetMessage` in a 1.1 `SIF_Message`. For an agent that supports both 1.1 or later versions and pre-1.1 version(s) (e.g. 1.0r2), when the next message in the agent's queue is from a pre-1.1 agent, the ZIS must return the message in a `SIF_Ack` message as defined by the pre-1.1 specification.

A pull-mode agent removes the returned message from its queue in one of three ways. In each case the value for the `SIF_OriginalMsgId` element in any `SIF_Ack(s)` created by the agent originates from the `SIF_MsgId` of the `SIF_Message` returned as `SIF_Data` by the ZIS. Typically a pull-mode agent removes the message from its queue by sending an "Immediate" `SIF_Ack` to the ZIS; an agent may also send a `SIF_Ack` with any applicable error condition to the ZIS. The ZIS then removes the message from the agent's queue and returns a successful `SIF_Ack`. If the message is a `SIF_Event` and the agent wishes to invoke SMB, it can instead notify the ZIS that it is processing the event by sending an "Intermediate" `SIF_Ack` (which the ZIS acknowledges with a successful `SIF_Ack`) and later sending a "Final" `SIF_Ack` when the `SIF_Event` processing is complete. When the ZIS receives the "Final" `SIF_Ack`, it removes the `SIF_Event` from the agent's queue and returns a successful `SIF_Ack`.

If there are no messages in the agent's queue that can be delivered, the ZIS will return a `SIF_Ack` message with a `SIF_Status/SIF_Code` of 9 to indicate that there are no messages available for the agent:

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>ABCD1058E028D076F0835E32AC89E048</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>SifInfo_TestZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>1058ABCDE028D076F08365109BE7C892</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>9</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

*Example 3.3.6.6.2-2: The "Pull" Model - SIF\_Status/SIF\_Code of 9*

### 3.3.6.6.3 "Multiple Version" Zones

It is possible for a zone to contain agents written to different versions of the SIF Implementation Specification if a ZIS supports multiple versions in a zone and has at least one version in common with all registered agents. It is possible that two agents in the same zone—both successfully registered—have no version in common, and this affects message delivery by the ZIS in the following manner.

When the next message to be delivered to a given agent has a `SIF_Message/@Version` attribute that the agent is known not to support, the ZIS cannot successfully deliver that message to the agent without conversion. Should a ZIS implementation choose to convert messages on the fly as a "value-add" feature, it is free to do so; this specification does not prescribe how to convert messages, and support for such conversion is implementation-dependent. However, if the ZIS does not or cannot convert the message such that it can be delivered, it should discard the pending message so that delivery of other messages may proceed. If the ZIS does discard the message, the ZIS **MUST** report a `SIF_LogEntry` event with the appropriate error category and code, containing a copy of the `SIF_Header` from the original message. `SIF_LogEntry/SIF_Desc` must contain the `SourceId` of the agent that has failed to receive the message. In addition, it is recommended that the ZIS log the delivery failure to its own log.

## 3.3.7 Infrastructure Transport Layer

The Infrastructure messages are used by SIF to encapsulate and transfer the data objects. They form a messaging application program interface (API) which is expressed in XML.

It is a design objective to express the entire Infrastructure API in XML and not to have dependencies upon any underlying transport layer to provide functionality other than the transportation of the XML from client to server and

back. This ensures that the Infrastructure messages can be carried over a variety of communication transports.

The infrastructure depends upon the transport layer to provide a reliable connection to move messages back and forth from client and server. The transport layer is also responsible for providing data security by means of data encryption and authentication of the client and server. Some transport layers even provide data compression, which is an important factor when processing a large volume of XML messages.

By delegating the authentication, compression, and encryption to the transport layer, it makes the user interface to the transport simpler. A client that wishes to send an infrastructure message assembles the message in XML and then hands it off to the transport layer for delivery. The transport layer takes the XML message and transfers it to the server where it is taken from the transport layer and processed.

In moving from the client to the server, the transport may have compressed, encrypted, and authenticated the connections but all of this is transparent to the users of the Infrastructure API. To the user, it is XML in and XML out.

Different types of transports are or will become available providing various features and benefits. An Agent or ZIS **MAY** employ multiple transport protocols but they **MUST** support SIF HTTPS.

Please note that throughout this specification transport layer errors are sometimes illustrated as `SIF_Ack` messages with `SIF_Error/SIF_Category` of Transport and applicable error codes. Under many transport error conditions, these `SIF_Ack` messages could not be returned or sent by the remote host. Depending on the SIF infrastructure transport layer implementation these messages may be generated by the implementation (e.g. when a connection to a server cannot be established), or may occur as transport layer errors or exceptions in the underlying network operating system or transport protocol. Both should be treated equivalently.

### 3.3.7.1 SIF HTTPS Transport

In order to ensure that Agents and Zone Integration Servers can communicate with each other regardless of vendor or platform, all Agent and ZIS implementations **MUST** support the SIF HTTPS transport layer protocol.

SIF HTTPS is a combination of the HTTP 1.1 protocol [RFC 2616] with secure socket layer (SSL) protocols, resulting in an easy-to-use and secure transport protocol. The **RECOMMENDED** SSL implementation is TLS 1.0 [RFC 2246]; however, SSL 3.0 [SSL3] is also supported and SSL 2.0 client hellos [SSL2] used to negotiate TLS 1.0 or SSL 3.0 connections are also permitted. Support for the SSL 2.0 protocol itself—aside from its client hello message—is not provided in SIF. Due to the age of the SSL 3.0 and SSL 2.0 protocols and the increasing prevalence of TLS 1.0, SIFA expects to deprecate support for the SSL 3.0 protocol and SSL 2.0 client hellos in future major releases of this specification.

Being based upon HTTP 1.1, the SIF HTTPS and SIF HTTP protocols support persistent or keep-alive connections that greatly increase the message throughput between sender and receiver. This is an especially important factor when using HTTP in conjunction with secure socket layers, where there is a significant amount of overhead when initially opening a connection.

When using HTTP 1.1 with SIF, [RFC 2616]

can be used as a reference, however SIF uses a subset of the HTTP 1.1 protocol. For example, only the POST method and the 200-OK response notice are used by the SIF HTTPS protocol.

Support of Transfer Encoding and data chunking ([RFC 2616], Section 3.6) is not required for SIF HTTPS. An implementation of the protocol may support Transfer Encoding and data chunking but it must be able to communicate successfully with a client or server that does not support this feature.

Because protocol changes are handled at the Infrastructure XML API level, a client or server must not use the

`Connection: Upgrade` or `Upgrade: xxx`

headers to invoke a request for a protocol change. If a client or server receives an upgrade header, it must ignore that header and not change communication protocols.

#### 3.3.7.1.1 HTTPS Request/Response Model

A client is the party (Agent or ZIS) who initiates a connection to a remote machine. The remote end (ZIS or Push-Mode Agent) is known as the server.

A client using the SIF HTTPS protocol opens a connection to the server and sends a HTTP 1.1 POST request with the SIF Infrastructure XML message as the POST payload. The server responds with an HTTP response with the Infrastructure XML acknowledgement message as the response payload. Clients **MUST** encode the XML message using UTF-8; servers **MUST** be able to process UTF-8-encoded XML and **SHOULD** expect all incoming SIF XML messages to be encoded using UTF-8.

The default behavior for HTTP 1.1 is to use persistent or "keep-alive" connections. When operating in this mode, the client may send additional POST requests and receive the HTTP responses using the same connection. Clients **SHOULD** use persistent connections for performance reasons but **MUST** be able to use non-persistent connections if the server does not wish to use persistent connections.

### 3.3.7.1.2 HTTP Request Headers

The following HTTP request and common headers defined in [RFC 2616] **MUST** be present in all SIF HTTPS messages sent by a client:

Header	Description	Required Contents
Content-Length	The exact size of the attached payload (XML message)	
Content-Type	Describes the contents of the request. Firewall and web server programs can filter messages going through a network by examining this header.	application/xml;charset="utf-8"
Host	Specifies the Internet host and port number of the destination server	

Table 3.3.7.1.2-1: HTTP Request Headers

Note that all header values **MUST** conform to the requirements of [RFC 2616] and **MAY** take equivalent forms subject to those requirements (e.g. application/xml;charset=utf-8 (no quotes), application/xml; charset=utf-8 (optional spacing), etc.).

In addition to the headers above, a client may include a Connection: close header in the HTTP request if it wishes to close the current connection after receiving the response. If this header is included, the client **MUST NOT** send additional requests on this connection. The client **MUST** close the connection after receiving the response.

Clients may also include an "Expect: 100-continue" header (see below).

Additional headers beyond the required and optional headers listed here **MAY** be included by a client; however, the server **MUST** be able to successfully process POST requests that only contain the required headers.

```
POST /MyPath HTTP/1.1
Content-Length: 420
Content-Type: application/xml;charset="utf-8"
Host: sifinfo.org.uk:8000

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>56409F0C01FBD1C44300B4518E100765</SIF_MsgId>
      <SIF_Timestamp>2006-04-11T18:18:13-05:00</SIF_Timestamp>
      <SIF_SourceId>SifInfo_TestAgent</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_Ping />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>
```

Example 3.3.7.1.2-1: SIF HTTPS Request

Implementations of SIF HTTPS **MUST** be able to specify the value for the path (/MyPath in the example) as the Agent or ZIS may require a specific value for routing purposes.

### 3.3.7.1.3 HTTP Response Headers

The following HTTP response and common headers defined in [RFC 2616] **MUST** be present in all SIF HTTPS responses messages sent by a server:

Header	Description	Required Contents
Content-Length	The exact size of the attached payload (XML message)	
Content-Type	Describes the contents of the request. Firewall and web server programs can filter messages going through a network by examining this header.	application/xml;charset="utf-8"
Date	The current date and time in the format described in RFC 2616 Section 3.3. Note that the date is UTC based and NOT local time.	
Server	Identifies the server sending the response. Clients may use this information to infer information about the server being contacted (vendor, model, version, capabilities, etc.)	

Table 3.3.7.1.3-1: HTTP Response Headers

Note that all header values **MUST** conform to the requirements of [RFC 2616] and **MAY** take equivalent forms subject to those requirements (e.g. application/xml;charset=utf-8, application/xml; charset=utf-8, etc.).

In addition to the headers above, a server **MAY** include a `Connection: close` header in the HTTP response if it wishes to close the current connection after sending the response. The server **MUST** close the connection after sending the response.

The server **MAY** include additional headers; however, the client **MUST** be able to successfully process response notices that only contain the required headers and optional header listed here.

```

HTTP/1.1 200 OK
Content-Length: 529
Content-Type: application/xml;charset="utf-8"
Date: Mon, 02 Apr 2001 23:32:00 GMT
Server: SIFZIS;V1.1

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>4A900E10F4E675CF4A01B4518E100765</SIF_MsgId>
      <SIF_Timestamp>2006-04-11T18:18:13-05:00</SIF_Timestamp>
      <SIF_SourceId>SifInfo_TestZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>SifInfo_TestAgent</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>56409F0C01FBD1C44300B4518E100765</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>0</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>

```

Example 3.3.7.1.3-1: SIF HTTPS Response

Although the SIF HTTPS protocol uses the 200-OK response notice to communicate all responses, Agent or ZIS implementations could be built using existing web server infrastructures. As such, SIF HTTPS implementations should expect the possible receipt of other HTTP 1.1 response notices.

### 3.3.7.1.4 100 (Continue)

This response message status is generally returned if the client has included an `Expect: 100-continue` header in its request. Certain web server implementations return a 100 (Continue) status response even though the original request did not contain an `Expect: 100-continue` header. When a client receives an unexpected response with a 100 (Continue) status, it must discard that response and wait for a subsequent final (e.g. 200-OK) response. Clients explicitly requesting a 100 (Continue) status response by including an `Expect: 100-continue` header in a request should proceed with the request body according to section 8.2.3 of the HTTP 1.1 [RFC 2616] specification upon receipt of the 100 (Continue) status response.

A SIF HTTPS client may include an `Expect: 100-continue` header but generally does not. If it does, however, servers (ZIS and push-mode agent implementations) must handle the header according to section 8.2.3 of the HTTP 1.1 [RFC 2616] specification, possibly returning an intermediate response with 100 (Continue) status, for communication to proceed correctly.

### 3.3.7.1.5 3XX, 4XX, 5XX Notices

A server should only return 200-OK response notices but may return other notices. Servers built using existing web server technology are more likely to return other types of response notices. If a client receives any 3xx, 4xx, or 5xx response notices, it must treat these responses as if a transport error has occurred.

### 3.3.7.2 SIF HTTP Transport

The SIF HTTP protocol is identical to the SIF HTTPS transport without a secure socket layer to provide data encryption and authentication.

An Agent or ZIS *MAY* implement the SIF HTTP transport but *MUST* implement the SIF HTTPS protocol.

Because of the sensitive data being exchanged in SIF, it is *RECOMMENDED* that only SIF HTTPS be used.

### 3.3.7.3 SIF HTTP(S) Transport Compression

It is possible that compression can improve network throughput in SIF implementations where large amounts of data are transferred over SIF HTTP(S), either horizontally or vertically. The HTTP 1.1 specification [RFC 2616] allows for negotiating the content encoding (and compression) of server responses using the `Accept-Encoding` request header and the `Content-Encoding` response header. Registered content encodings include in addition to the default uncompressed `identity` encoding a number of compressed encodings: `gzip`, `compress` and `deflate`. A client can specify one or more encodings to use in a response along with its preference for each using `Accept-Encoding`, and the server responds accordingly, per the HTTP specification. If the server does not support a requested encoding, it is recommended the server return a 406 (Not Acceptable) status code.

```
POST /MyPath HTTP/1.1
Content-Length: 420
Content-Type: application/xml;charset="utf-8"
Accept-Encoding: gzip
Host: sifinfo.org:8000

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
...
</SIF_Message>
```

*Example 3.3.7.3-1: SIF client requesting compression of response*

```
HTTP/1.1 200 OK
Content-Length: 24
Content-Type: application/xml;charset="utf-8"
Content-Encoding: gzip
Date: Wed, 25 Apr 2007 23:32:00 GMT
Server: SIFZIS

...compressed SIF_Ack...
```

*Example 3.3.7.3-2: SIF server returning compressed SIF\_Ack*

The content encoding of any HTTP entity body, either in a request or a response, is indicated using the `Content-Encoding` header, which is considered a modifier to the `Content-Type` header. A client may compress or apply an encoding to the body of an HTTP request and indicate it has done so with an appropriate

`Content-Encoding`

value. It is recommended that a server that cannot or will not accept a particular encoding return a 415 (Unsupported Media Type) status code.

```
POST /MyPath HTTP/1.1
Content-Length: 149
Content-Type: application/xml;charset="utf-8"
Content-Encoding: gzip
Host: sifinfo.org:8000

...compressed SIF_Message...
```

*Example 3.3.7.3-3: SIF client sending compressed SIF\_Message*

```

POST /MyPath HTTP/1.1
Content-Length: 149
Content-Type: application/xml;charset="utf-8"
Content-Encoding: gzip
Accept-Encoding: gzip
Host: sifinfo.org:8000

...compressed SIF_Message...

```

*Example 3.3.7.3-4: SIF client sending compressed SIF\_Message and requesting compression of response*

With these HTTP-defined headers, SIF Agents and Zone Integration Servers have the ability to compress or negotiate compression of SIF HTTP(S) request and response entity bodies using any version of SIF where the transport protocol is SIF HTTPS or SIF HTTP. However, to increase interoperability of Agents and Zone Integration Servers that wish to compress requests or receive compressed responses beyond the level of trial and error in an environment where server status codes are not guaranteed, the following mechanisms were developed in SIF Implementation Specification Version 2.1.

### 3.3.7.4 SIF\_Protocol/SIF\_Property Accept-Encoding

In both SIF\_Register and SIF\_ZoneStatus the following SIF\_Property is defined when used in conjunction with a SIF\_Protocol/@Type value of HTTPS or HTTP:

SIF_Name	SIF_Value
Accept-Encoding	An Accept-Encoding header value as per HTTP 1.1 [RFC 2616].

This property indicates that an HTTP(S) server can accept corresponding content encodings with an appropriate Content-Encoding header value.

```

<SIF_Protocol Type="HTTPS" Secure="Yes">
  <SIF_URL>https://www.sifinfo.org/sifagent/MyAgent/</SIF_URL>
  <SIF_Property>
    <SIF_Name>Accept-Encoding</SIF_Name>
    <SIF_Value>gzip</SIF_Value>
  </SIF_Property>
</SIF_Protocol>

```

*Example 3.3.7.4-1: SIF\_Protocol with Accept-Encoding indicating acceptance of gzip (and identity)*

```

<SIF_Protocol Type="HTTPS" Secure="Yes">
  <SIF_URL>https://www.sifinfo.org/sifagent/MyAgent/</SIF_URL>
  <SIF_Property>
    <SIF_Name>Accept-Encoding</SIF_Name>
    <SIF_Value>gzip;q=1.0, identity;q=0.5, *,q=0</SIF_Value>
  </SIF_Property>
</SIF_Protocol>

```

*Example 3.3.7.4-2: SIF\_Protocol with Accept-Encoding indicating no acceptance of encodings other than gzip or identity, gzip preferred over identity*

The recommended compression algorithm for use in SIF is gzip. It is **NOT RECOMMENDED** that the identity (uncompressed) encoding ever be explicitly excluded in the Accept-Encoding SIF\_Property.

### 3.3.7.5 HTTP Client Requirements

A client (ZIS, Push- or Pull-Mode Agent) that wishes to receive a compressed response **MUST** include an Accept-Encoding header, per HTTP 1.1, and **MUST** be prepared to handle a 406 (Not Acceptable) or other HTTP error, in which case the client **SHOULD** assume compression using the specified algorithm(s) is not supported and retry communication as per SIF HTTPS Transport or SIF HTTP Transport above. Clients **MUST** be prepared to receive identity-encoded (unencoded) responses unless the client explicitly excludes identity in its Accept-Encoding header, which is **NOT RECOMMENDED**.

Zone Integration Servers **MAY** consult a Push-Mode Agent's registered SIF\_Protocol/SIF\_Property value where SIF\_Name is Accept-Encoding before contacting the Agent and **SHOULD** assume that posting a corresponding encoded entity body accompanied by the applicable Content-Encoding header value will be processed without content encoding support errors by the Agent.

Push- and Pull-Mode Agents **MAY** consult a Zone's supported compression algorithms in the `SIF_ZoneStatus/SIF_SupportedProtocols/SIF_Protocol/SIF_Property` entitled `Accept-Encoding` in `SIF_Name` before contacting the Zone Integration Server and **SHOULD** assume that posting a corresponding encoded entity body accompanied by the applicable `Content-Encoding` header value will be processed without content encoding support errors by the ZIS.

### 3.3.7.6 HTTP Server Requirements

A server (ZIS or Push-Mode Agent) that receives an HTTP request with an `Accept-Encoding` header **MUST** process the request per HTTP 1.1's `Accept-Encoding` specification. It is **RECOMMENDED** that servers return a 406 (Not Acceptable) status when a requested encoding cannot be negotiated.

A server that receives an HTTP request with a `Content-Encoding` header specified **MUST** process the request per HTTP 1.1's `Content-Encoding` specification. It is **RECOMMENDED** that servers unable to process a particular content encoding return a 415 (Unsupported Media Type) status code.

### 3.3.7.7 Push-Mode Agent Requirements

A Push-Mode Agent that wishes to receive compressed/encoded requests from the ZIS **MUST** register its preference with the ZIS in the `SIF_Register/SIF_Protocol` property entitled `Accept-Encoding` in `SIF_Name`, providing an `Accept-Encoding` value in `SIF_Value` per HTTP 1.1 (the recommended compression algorithm for SIF is `gzip`). The Agent **MUST** be prepared to handle an error `SIF_Ack` from the ZIS when registering `Accept-Encoding` (`SIF_Error/SIF_Category` of 5 [Registration], `SIF_Error/SIF_Code` value of 10) if the ZIS cannot support at least one specified encoding and **SHOULD** re-attempt registration without `Accept-Encoding`.

Upon successful registration of an `Accept-Encoding` value, the Agent **SHOULD** expect to receive requests from the ZIS encoded accordingly, but it **MAY** receive `identity`-encoded (unencoded) requests unless `identity` was explicitly excluded in the registered `Accept-Encoding` value.

### 3.3.7.8 Zone Integration Server Requirements

A Zone Integration Server that receives a `SIF_Register/SIF_Protocol/SIF_Property` named `Accept-Encoding` in `SIF_Name` must fail the attempt to register if the ZIS does not support at least one of the specified encodings (`SIF_Error/SIF_Category` of 5 [Registration], `SIF_Error/SIF_Code` value of 10). While this property is typically registered by Push-Mode Agents, Pull-Mode Agents may also specify this property when registering. A ZIS **SHOULD** compress requests when contacting a Push-Mode Agent if the Agent has previously registered that preference, but it **MAY** send uncompressed requests if the Push-Mode Agent did not explicitly exclude the `identity` encoding in its registered `Accept-Encoding` value.

Zone Integration Servers that support handling of compressed/encoded requests **SHOULD** return an `Accept-Encoding` header `SIF_Value` in the `SIF_ZoneStatus/SIF_SupportedProtocols/SIF_Protocol/SIF_Property` named `Accept-Encoding` in `SIF_Name`.

# 4 Messaging

This section documents the messaging and message handling protocols defined in SIF. A messaging protocol consists of sending a `SIF_Message` to initiate an operation, receiving back a `SIF_Ack`; a message handling protocol consists of processing an incoming `SIF_Message` and responding with a `SIF_Ack` and possibly sending follow-up `SIF_Message`s. This section is independent of transport layer details, aside from encryption and authentication level impacts associated with individual messages. Unless otherwise noted, all protocols assume successful communication over the appropriate transport layer; agent and ZIS implementations should also be prepared to handle transport layer errors and exceptions, directly or wrapped in a `SIF_Ack/SIF_Error` by underlying code.

## 4.1 Agent Protocols

### 4.1.1 Agent Messaging Protocols

This section documents how Agents should send individual messages, and the resulting post-conditions upon success or failure, along with any necessary steps to take. These correspond to each of the operations an Agent can initiate.

#### 4.1.1.1 SIF\_Register

An Agent must register with the ZIS to participate in a Zone. To do so, it sends a `SIF_Register` message. An Agent may at any time re-register by sending another `SIF_Register` message. The ZIS updates the Agent's registered settings accordingly.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Register</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place your Agent's name, supported versions and maximum buffer size for receiving messages into <code>SIF_Name</code> , <code>SIF_Version</code> and <code>SIF_MaxBufferSize</code> , respectively. Specify whether your Agent is Push- or Pull-mode in <code>SIF_Mode</code> . If <code>SIF_Mode</code> is Push, specify the protocol information for the ZIS to use when delivering messages to your agent in <code>SIF_Protocol</code> ; optional compression settings may be included in the <code>Accept-Encoding SIF_Protocol/SIF_Property</code> . If desired, supply optional information regarding your Agent and/or application in <code>SIF_NodeVendor</code> , <code>SIF_NodeVersion</code> , <code>SIF_Application</code> and <code>SIF_Icon</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is now registered in the Zone. The Access Control settings for your agent ( <code>SIF_AgentACL</code> are in <code>SIF_Status/SIF_Data</code> ).	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included. Note particularly category 5. If an <code>Accept-Encoding SIF_Protocol/SIF_Property</code> was specified, the ZIS may return error code 10 (ZIS does not support the requested <code>Accept-Encoding</code> value). Your agent <b>SHOULD</b> re-attempt registration without, or with another, <code>Accept-Encoding</code> value.	Messaging protocol complete (failure).



Table 4.1.1.1-1: SIF\_Register Protocol

#### 4.1.1.2 SIF\_Unregister

An Agent removes itself from a Zone by sending a `SIF_Unregister` message to the ZIS. Successful completion of this operation removes all settings associated with the Agent, including the objects it is currently providing and subscribed to in the zone; the Agent's message queue is also deleted. Note that a successful `SIF_Unregister` message may, depending on the ZIS implementation, remove access control settings that have been manually configured by a Zone administrator and that may need to be re-configured for a subsequent successful `SIF_Register`.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Unregister</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply.	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is now removed from the Zone.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.2-1: SIF\_Unregister Protocol

#### 4.1.1.3 SIF\_Provide

An Agent registers with the ZIS to be the default Responder, or Provider, for one or more SIF objects in one or more contexts by sending a `SIF_Provide` message to the ZIS. The Agent must have access control rights at the ZIS to successfully register as a Provider for an object.

Note that upon successful completion of `SIF_Provide` that your Agent is still the Provider of any objects for which it was previously registered as the Provider. To unregister as the Provider of given objects, use `SIF_Unprovide`. To replace all objects your Agent provides in one operation, use `SIF_Provision`.

As of version 2.0 of this specification, `SIF_Provision` is the preferred method for registering an Agent as a Provider, and provisioning an Agent in general. Support for `SIF_Provide` may be removed in a future major release of this specification.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Provide</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. For each object your Agent would like to provide, place a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted). Your Agent's support for <code>SIF_ExtendedQuery</code> can be specified in <code>SIF_ExtendedQuerySupport</code> for each object.	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.

Step	Process	Flow Control
4	Your Agent is now the Provider of each of the objects specified in the <code>SIF_Provide</code> message, in the applicable context(s). Any request sent by an Agent for one of these objects without explicitly specifying a particular Responder in <code>SIF_Header/SIF_DestinationId</code> will be placed in your Agent's message queue.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included. Note particularly category 4, code 3 (no permission to provide) and category 6, code 4 (object already has a Provider).	Messaging protocol complete (failure).

Table 4.1.1.3-1: `SIF_Provide` Protocol

#### 4.1.1.4 `SIF_Unprovide`

Your Agent unregisters with the ZIS as the default Responder, or Provider, for one or more SIF objects in one or more contexts by sending a `SIF_Unprovide` message to the ZIS. Note that any `SIF_Requests` for these objects already pending in your Agent's queue will still be delivered.

As of version 2.0 of this specification, `SIF_Provision` is the preferred method for unregistering an Agent as a Provider, and provisioning an Agent in general. Support for `SIF_Unprovide` may be removed in a future major release of this specification.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Unprovide</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. For each object your Agent would like to provide, include a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted).	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is no longer the Provider of each of the objects specified in the <code>SIF_Unprovide</code> message, in the applicable context(s). <code>SIF_Requests</code> will no longer be routed to your Agent by default, but this does not prevent other Agents from sending requests directly to your Agent (if permitted by access control rights).	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.4-1: `SIF_Unprovide` Protocol

#### 4.1.1.5 `SIF_Subscribe`

An Agent registers with the ZIS to receive `SIF_Events` for one or more SIF objects in one or more contexts by sending a `SIF_Subscribe` message to the ZIS. The Agent must have access control rights at the ZIS to successfully subscribe to events for an object.

Note that upon successful completion of `SIF_Subscribe` that your Agent is still subscribed to objects to which it had

previously subscribed. To unregister as a Subscriber of given objects, use `SIF_Unsubscribe`. To replace all objects to which your Agent subscribes in one operation, use `SIF_Provision`.

As of version 2.0 of this specification, `SIF_Provision` is the preferred method for registering an Agent as a Subscriber, and provisioning an Agent in general. Support for `SIF_Subscribe` may be removed in a future major release of this specification.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Subscribe</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. For each object your Agent would like to subscribe to, place a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted).	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is now subscribed to each of the objects specified in the <code>SIF_Subscribe</code> message, in the specified context(s) if included. Any <code>SIF_Events</code> for these objects will be placed in your Agent's queue.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included. Note particularly category 4, code 4 (no permission to subscribe).	Messaging protocol complete (failure).

Table 4.1.1.5-1: `SIF_Subscribe` Protocol

#### 4.1.1.6 `SIF_Unsubscribe`

To stop receiving `SIF_Events` for one or more objects in one or more contexts, an Agent sends a `SIF_Unsubscribe` message to the ZIS. Note that if there are events already pending in your Agent's queue for these objects, they will still be delivered after a successful `SIF_Unsubscribe`.

As of version 2.0 of this specification, `SIF_Provision` is the preferred method for unregistering an Agent as a Subscriber, and provisioning an Agent in general. Support for `SIF_Unsubscribe` may be removed in a future major release of this specification.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Unsubscribe</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. For each object your Agent would like to cease receiving events, include a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted).	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is now unsubscribed from each of the objects specified in the <code>SIF_Unsubscribe</code> message, in the applicable context(s). <code>SIF_Events</code> for these objects will cease to be placed in your Agent's queue.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).

Step	Process	Flow Control
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.6-1: `SIF_Unsubscribe Protocol`

#### 4.1.1.7 `SIF_Provision`

The `SIF_Provision` message provides an Agent the ability to register the objects it provides and to which it subscribes in a single operation, replacing whatever settings the ZIS has on record for the Agent. In effect it is an alternative to `SIF_Provide`, `SIF_Unprovide`, `SIF_Subscribe` and `SIF_Unsubscribe`, though an Agent may choose to use this message or those, or a combination of these messages.

This message also allows the Agent to fully describe the operations it will perform in a Zone beyond those that can be communicated with `SIF_Provide` and `SIF_Subscribe`, including the types of events it will publish, the requests to which it will respond with or without being the Provider for requested objects, and the objects for which it sends requests.

The Agent must have the appropriate access control settings to successfully register any of the corresponding information included in `SIF_Provision`. Note that the list of access control settings can be determined by examining the `SIF_AgentACL` object returned in the `SIF_Register` or `SIF_GetAgentACL` message protocols.

Note that `SIF_Provision` will also fail if the Agent is attempting to provide an object that is already provided by another Agent in the applicable Zone Context. The list of Providers in a Zone can be found in `SIF_ZoneStatus`.

As of version 2.0 of this specification, `SIF_Provision` is the preferred method for provisioning an Agent. Support for `SIF_Subscribe`, `SIF_Unsubscribe`, `SIF_Provide` and `SIF_Unprovide` may be removed in a future major release of this specification.

Step	Process	Flow Control
1	<p>Prepare a <code>SIF_Message/SIF_Provision</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>; other <code>SIF_Header</code> elements do not apply.</p> <p>Include <code>SIF_ProvideObjects</code> and for each object your Agent would like to provide, place a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted). Your Agent can also state its support for <code>SIF_ExtendedQuery</code> in <code>SIF_ExtendedQuerySupport</code>, which defaults to <code>false</code>.</p> <p>Include <code>SIF_SubscribeObjects</code> and for each object to which your Agent would like to subscribe, place a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted).</p> <p>Include <code>SIF_PublishAddObjects</code>, <code>SIF_PublishChangeObjects</code> and <code>SIF_PublishDeleteObjects</code> elements and include a <code>SIF_Object</code> element with an <code>ObjectName</code> in the respective sections for each event type your agent publishes with regard to that object. Optionally specify for each object one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted).</p> <p>Include <code>SIF_RequestObjects</code> and for each object your Agent requests, place a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted). Your Agent can also state its support for <code>SIF_ExtendedQuery</code> in <code>SIF_ExtendedQuerySupport</code>, which defaults to <code>false</code>.</p>	Send <code>SIF_Message</code> to ZIS over appropriate transport.

Step	Process	Flow Control
	Include <code>SIF_RespondObjects</code> and for each object for which your Agent processes requests (including those listed in <code>SIF_ProvideObjects</code> ), include a <code>SIF_Object</code> element with an <code>ObjectName</code> and optionally one or more <code>SIF_Context</code> names (which default to <code>SIF_Default</code> if omitted). Your Agent can also state its support for <code>SIF_ExtendedQuery</code> in <code>SIF_ExtendedQuerySupport</code> , which defaults to <code>false</code> .	
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent is now registered with the corresponding settings in the Zone. Any previously recorded settings with regard to the operations your Agent performs have been replaced.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.7-1: *SIF\_Provision Protocol*

#### 4.1.1.8 SIF\_Event

When an application adds, changes or deletes data represented in one or more Zone Contexts, its Agent **SHOULD** publish the corresponding Add, Change or Delete `SIF_Event` to the Zone. Upon successful delivery of a `SIF_Event` to the ZIS, the ZIS places the event in the queue for any Agents subscribed to events for the object, including your Agent if it is a subscriber.

Step	Process	Flow Control
1	<p>Prepare a <code>SIF_Message/SIF_Event</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>. If your Agent would like to indicate minimum encryption and/or authentication requirements for Agents receiving this <code>SIF_Event</code>; supply <code>SIF_Security</code> with the appropriate settings; use an equally secure channel when communicating with the ZIS, if desired. If this event specifically applies to one or more contexts, place them in <code>SIF_Contexts</code>; if omitted, the context is <code>SIF_Default</code>.</p> <p>Specify the name of the object that is being added, changed or deleted in <code>SIF_EventObject/@ObjectName</code>. Place the type of event in <code>SIF_EventObject/@Action</code> and place the object in <code>SIF_EventObject</code>. For an Add event, this <b>MUST</b> be the complete object with all mandatory elements present. If the agent wishes to indicate that a particular optional element is supported but has no value, the element <b>MAY</b> be included as empty, with <code>xsi:nil</code> set to <code>true</code> if necessary.</p> <p>For a Change event, all unchanged elements, whether mandatory or optional <b>SHOULD</b> be omitted from the object. Optional elements that have been deleted <b>MAY</b> be included as empty, with <code>xsi:nil</code> set to <code>true</code> if necessary. For each list of repeatable elements in the object that has changed, include the whole list if the list type indicated is <code>List</code>. If the list type is <code>ActionList</code>, the agent <b>MAY</b> include only those elements in the list that have been added, changed or deleted. If an element has been deleted from an <code>ActionList</code>, the element <b>MUST</b> be included with at least its key attribute(s) and/or element(s) specified, and include a <code>SIF_Action</code> attribute value of <code>Delete</code> on the deleted child element in the list. Omitting an element in an <code>ActionList</code> indicates that it has been unchanged in the event.</p> <p>For a Delete event, only elements/attributes that identify the object sufficiently for deletion <b>SHOULD</b> be included. This set of identifying elements/attributes are typically communicated</p>	Send <code>SIF_Message</code> to ZIS over appropriate transport.

Step	Process	Flow Control
	by the mandatory root attributes of an object, which <b>MUST</b> be included.	
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	The event has been successfully received by the ZIS. It will be placed in the queue of any Agents registered as subscribers to events for the given object.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.8-1: *SIF\_Event Protocol*

#### 4.1.1.9 SIF\_Request

An Agent can request data from another Agent at any time by sending a `SIF_Request` message. Agents use one of two query mechanisms in requests. SIF's default query mechanism, `SIF_Query`, is used to request objects of a given type, matching optional query conditions, optionally returning a subset of object elements. `SIF_ExtendedQuery` is used to select elements from one or more objects, joined together, if necessary, on `RefId`-based conditions. Before delivering a request with a `SIF_ExtendedQuery` to a Responder, the ZIS checks that the Responder supports `SIF_ExtendedQuery` for all referenced objects.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Request</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> . If your Agent would like to indicate minimum encryption and/or authentication requirements for Agents receiving this <code>SIF_Request</code> , supply <code>SIF_Security</code> with the appropriate settings; use an equally secure channel when communicating with the ZIS, if desired. If this request is associated with a context, specify a single <code>SIF_Context</code> in <code>SIF_Contexts</code> ; if omitted, the context is <code>SIF_Default</code> . If your Agent would like to explicitly route this request to a given Agent, specify the Agent's ID in <code>SIF_DestinationId</code> . Specify the SIF versions the responder may choose from when returning data in <code>SIF_Version</code> . Each version specified <b>MUST</b> be registered at the ZIS as supported by your Agent. Specify the maximum buffer size the Responder must respect when sending <code>SIF_Response</code> packets; this <b>MUST</b> be less than or equal to the <code>SIF_MaxBufferSize</code> with which your Agent registered with the ZIS.	If using <code>SIF_ExtendedQuery</code> , go to step 3; otherwise go to step 2.
2	In <code>SIF_Query</code> , specify the object name being requested in <code>SIF_QueryObject/@ObjectName</code> . Optionally specify the subset of elements/attributes to be returned from each object in <code>SIF_QueryObject/SIF_Element</code> ; note that parent elements of specified elements/attributes are returned as well. If your Agent would like to specify query matching conditions, include <code>SIF_ConditionGroup</code> . Alternately an example of an object allowed for use in query-by-example can be placed in <code>SIF_Example</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport. Go to step 4.

Step	Process	Flow Control
3	Include a <code>SIF_ExtendedQuery</code> . If your Agent did not specify <code>SIF_DestinationId</code> , the <code>SIF_Request</code> will be routed to the Provider for <code>SIF_From/@ObjectName</code> . If your Agent would like to override this routing mechanism, include <code>SIF_DestinationProvider</code> set to the object name for which the ZIS will determine the Provider and route the request accordingly.	Send <code>SIF_Message</code> to ZIS over appropriate transport.
4	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
5	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 7.
6	The request has been successfully received by the ZIS. It will be placed in the queue of the appropriate Responder as specified in <code>SIF_Header/SIF_DestinationId</code> or determined by <code>SIF_ExtendedQuery/SIF_From/@ObjectName</code> or <code>SIF_ExtendedQuery/SIF_DestinationProvider</code> .	Messaging protocol complete (success).
7	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
8	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.9-1: `SIF_Request` Protocol

#### 4.1.1.10 `SIF_Ping`

An agent can "ping" the ZIS or check that it's online and/or "awake" by sending a `SIF_Ping` message to the ZIS. If the agent receives a successful acknowledgement, the ZIS is awake; the ZIS may also reply that it is asleep. As a ZIS may be offline completely, Agents should be prepared to handle transport errors directly or wrapped in a `SIF_Ack/SIF_Error` by underlying code.

Step	Process	Flow Control
1	Prepare a <code>SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Ping</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 8.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	The ZIS is awake.	Messaging protocol complete (success).
5	Is <code>SIF_Status/SIF_Code</code> 8 (ZIS is asleep)?	If no, go to Step 7.
6	The ZIS is asleep.	Messaging protocol complete (success).
7	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
8	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.10-1: `SIF_Ping` Protocol

#### 4.1.1.11 `SIF_Sleep`

A Push-mode Agent can send a `SIF_Sleep` message to the ZIS to change its state to "asleep," indicating that the ZIS should not send the Agent messages until it "wakes up" by sending a `SIF_Wakeup` message or re-registering with `SIF_Register`. A Pull-mode Agent can also change its state to "sleeping," but this has no effect other than indicating to other Agents via `SIF_ZoneStatus` that it is "sleeping" and not processing messages in its queue. Sending a `SIF_Wakeup` or `SIF_GetMessage` will indicate that

the Agent is "awake," as will re-registering with `SIF_Register`.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Sleep</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent's state has been set to "asleep" in the ZIS. This is reflected to other Agents in <code>SIF_ZoneStatus</code> and if your Agent is a Push-mode Agent, the ZIS will stop delivering messages to your Agent. To "wake up," send a <code>SIF_Wakeup</code> message, or re-register with <code>SIF_Register</code> . Pull-mode Agents may also send <code>SIF_GetMessage</code> .	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.11-1: `SIF_Sleep` Protocol

#### 4.1.1.12 `SIF_Wakeup`

An Agent can send a `SIF_Wakeup` message to the ZIS to change its state to "awake," whether sleeping or not; this state is available to other Agents via `SIF_ZoneStatus`. Upon success, the ZIS may begin delivering messages to a Push-mode Agent again, if previously sleeping.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Wakeup</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	Your Agent's state has been set to "awake" in the ZIS. This is reflected to other Agents in <code>SIF_ZoneStatus</code> and if your Agent is a Push-mode Agent and it was previously asleep, the ZIS will resume delivering messages to your Agent.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.12-1: `SIF_Wakeup` Protocol

#### 4.1.1.13 `SIF_GetZoneStatus`

To retrieve the current status of the Zone (`SIF_ZoneStatus`), send a `SIF_GetZoneStatus` message to the ZIS.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time	Send <code>SIF_Message</code> to ZIS over



Step	Process	Flow Control
	in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_GetZoneStatus</code> element in <code>SIF_SystemControlData</code> .	appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	<code>SIF_Status/SIF_Data</code> contains the current status of the Zone in <code>SIF_ZoneStatus</code> .	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.13-1: `SIF_GetZoneStatus` Protocol

#### 4.1.1.14 `SIF_GetAgentACL`

To retrieve your Agent's current access control list settings from the ZIS (`SIF_AgentACL`), send a `SIF_GetAgentACL` message to the ZIS.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_GetAgentACL</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	<code>SIF_Status/SIF_Data</code> contains your Agent's current access control list settings in the Zone in <code>SIF_AgentACL</code> .	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.14-1: `SIF_GetAgentACL` Protocol

#### 4.1.1.15 `SIF_CancelRequests`

Agents can request that a ZIS cancel `SIF_Requests`, pending or in process, by sending a list of `SIF_RequestMsgIds` in a `SIF_CancelRequests` message. If an Agent abandons or restarts a data collection using `SIF_Requests`, whether or not the response stream has started, it is **RECOMMENDED** that the Agent send one or more `SIF_CancelRequests` messages to the ZIS. Such data collections can place a heavy load on responding Agents, where often all data of a specific object type is requested, and cancelling requests may spare Zone resources. Cancelling of responses can also reduce the number of response packets the receiving/cancelling agent needs to process and discard.

If the cancelling Agent wishes to receive a "final" `SIF_Response` from the ZIS for each cancelled message, it can specify `Standard` in `SIF_CancelRequests/SIF_NotificationType`. If the cancelling Agent does not desire or require "final" `SIF_Responses`, the Agent can specify `None` in `SIF_NotificationType`.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time	

Step	Process	Flow Control
	in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Add a <code>SIF_CancelRequests</code> element in <code>SIF_SystemControlData</code> .	
2	Specify <code>Standard</code> in <code>NotificationType</code> if your Agent desires or requires a "final" <code>SIF_Response</code> be returned by the ZIS for each cancelled message ( <code>SIF_Response/SIF_MorePackets = No</code> ). Otherwise specify <code>None</code> .	
3	Add a <code>SIF_RequestMsgIds</code> element and add a child <code>SIF_RequestMsgId</code> element for each <code>SIF_Request</code> that the Agent wishes to cancel.	Send <code>SIF_Message</code> to ZIS over appropriate transport.
4	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 8.
5	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 7.
6	The ZIS has accepted the <code>SIF_CancelRequests</code> message. Your Agent will receive or not receive "final" <code>SIF_Responses</code> per the specified <code>NotificationType</code> .	Messaging protocol complete (success).
7	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
8	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.15-1: `SIF_CancelRequests` Protocol

#### 4.1.1.16 `SIF_GetMessage` (Pull-Mode only)

Pull-mode Agents retrieve the next message in their queue by sending a `SIF_GetMessage` message to the ZIS. Note that as individual messages may have specific minimum encryption/authentication levels attached to them by senders, a Pull-Mode Agent should always use the highest encryption/authentication levels it supports when contacting the ZIS to avoid individual messages being discarded when contacting the ZIS using lower encryption/authentication levels than might be required for receipt of a given message.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_GetZoneStatus</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport. Always use the highest encryption/authentication levels that your Agent supports to maximize the number of messages that can be returned to your Agent.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 7.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	<code>SIF_Status/SIF_Data</code> contains the next <code>SIF_Message</code> in your agent's queue.	Messaging protocol complete (success). Process the returned <code>SIF_Message</code> according to <a href="#">Agent Message Handling Protocols</a> below.
5	Is <code>SIF_Status/SIF_Code</code> 9?	If yes, there are no messages available for your Agent. Message processing complete (success).
6	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
7	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included. If a	Messaging protocol complete (failure).

Step	Process	Flow Control
	Push-mode Agent sends <code>SIF_GetMessage</code> , note particularly category 5, code 9 (agent registered in Push mode).	

Table 4.1.1.16-1: `SIF_GetMessage` Protocol

#### 4.1.1.17 `SIF_Ack` (Push-Mode)

Push-Mode Agents end Selective Message Blocking (SMB) by sending a final `SIF_Ack` to the ZIS.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. From the message being unblocked/removed from the queue, place the <code>SIF_Header/SIF_SourceId</code> value into <code>SIF_OriginalSourceId</code> and place the <code>SIF_Header/SIF_MsgId</code> value into <code>SIF_OriginalMsgId</code> . Place 3 (final <code>SIF_Ack</code> ) into <code>SIF_Code/SIF_Data</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 5.
4	The referenced message has been unblocked and removed from your Agent's queue. The ZIS resumes delivery of events to your Agent.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.17-1: `SIF_Ack` Protocol (Push-Mode)

#### 4.1.1.18 `SIF_Ack` (Pull-Mode)

Pull-mode Agents acknowledge messages received in response to `SIF_GetMessage` and remove them from their queue by sending a `SIF_Ack` message to the ZIS. `SIF_Ack` is also sent by Pull-Mode Agents to invoke and end Selective Message Blocking (SMB).

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply.	If your Agent is invoking SMB, go to Step 3. If your Agent is ending SMB, go to Step 4.
2	From the message being acknowledged/the message to be removed from the queue, place the <code>SIF_Header/SIF_SourceId</code> value into <code>SIF_OriginalSourceId</code> and place the <code>SIF_Header/SIF_MsgId</code> value into <code>SIF_OriginalMsgId</code> . Place 1 (immediate <code>SIF_Ack</code> ) into <code>SIF_Code/SIF_Data</code> or an appropriate error description in <code>SIF_Error</code> . If your Agent indicates a transport error or places 8 (receiver is sleeping) into <code>SIF_Code/SIF_Data</code> , the message will be acknowledged but remain in your Agent's queue.	Send <code>SIF_Message</code> to ZIS over appropriate transport. Go to Step 5.
3	From the <code>SIF_Event</code> being blocked, place the <code>SIF_Header/SIF_SourceId</code> value into <code>SIF_OriginalSourceId</code> and place the <code>SIF_Header/SIF_MsgId</code> value into <code>SIF_OriginalMsgId</code> . Place 2 (intermediate <code>SIF_Ack</code> ) into <code>SIF_Code/SIF_Data</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport. Go to Step 5.

Step	Process	Flow Control
4	From the <code>SIF_Event</code> being unblocked, place the <code>SIF_Header/SIF_SourceId</code> value into <code>SIF_OriginalSourceId</code> and place the <code>SIF_Header/SIF_MsgId</code> value into <code>SIF_OriginalMsgId</code> . Place 3 (final <code>SIF_Ack</code> ) into <code>SIF_Code/SIF_Data</code> .	Send <code>SIF_Message</code> to ZIS over appropriate transport.
5	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 9.
6	Is <code>SIF_Status/SIF_Code</code> 0?	If no, go to Step 8.
7	<p>If your Agent did not invoke or end SMB for a <code>SIF_Event</code>, the referenced message has been removed from your Agent's queue, unless your agent indicated a transport error or that it was sleeping (in which case the message has been acknowledged but remains in your Agent's queue).</p> <p>If your Agent invoked SMB by sending an intermediate <code>SIF_Ack</code>, delivery of events is blocked until your Agent removes the <code>SIF_Event</code> from its queue by sending a final <code>SIF_Ack</code>. Your Agent will continue to receive <code>SIF_Responses</code> and <code>SIF_Requests</code>.</p> <p>If your Agent ended SMB by sending a final <code>SIF_Ack</code>, the ZIS has removed the blocked event from your Agent's queue and resumes delivery of events to your Agent.</p>	Messaging protocol complete (success).
8	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (ZIS is asleep) or 7 (your Agent sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
9	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.1.1.18-1: `SIF_Ack` Protocol (Pull-Mode)

## 4.1.2 Agent Message Handling Protocols

This section documents how Agents should respond to incoming messages, and the resulting post-conditions upon success or failure, along with any necessary steps to take.

Note that in handling any `SIF_Message`, an Agent may return a `SIF_Ack` with `SIF_Status/SIF_Code` 8 (receiver is sleeping) or 7 (already have this `SIF_MsgId` from you) if a duplicate message is detected. These responses are typically omitted from the handling protocols below.

### 4.1.2.1 `SIF_Message`

Upon receipt of a generic message from the ZIS, in most cases it may be safely assumed that the message XML is well-formed, and perhaps even valid, but the Agent should take the following steps to determine whether the XML is well-formed, optionally validate the message, and check that the message is of a valid type before handing the message off to the respective message handling protocol below.

Step	Process	Flow Control
1	If your transport layer implementation rejects XML that is not well-formed and optionally that is invalid, go to Step 3, 5, 7 or 9 depending on the extent of that implementation. Otherwise, is the XML message well-formed?	If yes, go to step 3.
2	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. If your Agent can scan the incoming message as UTF-8 encoded text to locate <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> , these values can be placed in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Otherwise include these elements with empty values, including an <code> xsi:nil</code> attribute value of <code>true</code> on	Go to step 12.

Step	Process	Flow Control
	SIF_OriginalMsgId. Include a SIF_Error element with a SIF_Category of 1 (XML Validation) and a SIF_Code of 2 (message is not well-formed).	
3	Is the root element of the message unprefixed with a local name of SIF_Message?	If yes, go to step 5.
4	Prepare a SIF_Ack message with SIF_Header containing a new GUID in SIF_MsgId, your Agent's Agent ID in SIF_SourceId and the current time in SIF_Timestamp; other SIF_Header elements do not apply. Place the incoming SIF_Header/SIF_SourceId and SIF_Header/SIF_MsgId in SIF_OriginalSourceId and SIF_OriginalMsgId, respectively. Include a SIF_Error element with a SIF_Category of 1 (XML Validation) and a SIF_Code of 3 (generic validation error).	Go to step 12.
5	Is the namespace for SIF_Message a namespace of a major version of SIF your Agent supports? Is SIF_Message/@Version present with a value that your Agent supports? (If omitted, interpret SIF_Message/@Version as 1.1.)	If yes, go to step 7.
6	Prepare a SIF_Ack message with SIF_Header containing a new GUID in SIF_MsgId, your Agent's Agent ID in SIF_SourceId and the current time in SIF_Timestamp; other SIF_Header elements do not apply. Place the incoming SIF_Header/SIF_SourceId and SIF_Header/SIF_MsgId in SIF_OriginalSourceId and SIF_OriginalMsgId, respectively. Include a SIF_Error element with a SIF_Category of 12 (Generic Message Handling) and a SIF_Code of 3 (version not supported).	Go to step 12.
7	If your Agent does not validate messages, go to step 9. Otherwise choose a validation schema based on the value of SIF_Message/@Version. Does the message validate?	If yes, go to step 9.
8	Prepare a SIF_Ack message with SIF_Header containing a new GUID in SIF_MsgId, your Agent's Agent ID in SIF_SourceId and the current time in SIF_Timestamp; other SIF_Header elements do not apply. Place the incoming SIF_Header/SIF_SourceId and SIF_Header/SIF_MsgId in SIF_OriginalSourceId and SIF_OriginalMsgId, respectively. Include a SIF_Error element with a SIF_Category of 1 (XML Validation) and an appropriate SIF_Code from the corresponding choices in Error Codes.	Go to step 12.
9	If the namespace for SIF_Message is for a previous major version of SIF, handle according to the specification for SIF_Message/@Version. Otherwise, is the message type (the child element of SIF_Message) SIF_Event, SIF_Request, SIF_Response, SIF_Ping (Push-mode only), SIF_Sleep (Push-mode only), SIF_Wakeup (Push-mode only), or SIF_CancelRequests (Push-mode only and your Agent chooses to support this optional message)?	If yes, go to step 11.
10	Prepare a SIF_Ack message with SIF_Header containing a new GUID in SIF_MsgId, your Agent's Agent ID in SIF_SourceId and the current time in SIF_Timestamp; other SIF_Header elements do not apply. Place the incoming SIF_Header/SIF_SourceId and SIF_Header/SIF_MsgId in SIF_OriginalSourceId and SIF_OriginalMsgId, respectively. Include a SIF_Error element with a SIF_Category of 12 (Generic Message Handling) and a SIF_Code of 2 (message not supported).	Go to step 12.
11	Process per the corresponding message handling protocol below.	Message handling is complete.
12	If your Agent is a Push-mode Agent, return the SIF_Ack to the ZIS. If your Agent is a Pull-mode Agent send the SIF_Ack to the ZIS per SIF_Ack (Pull-Mode) above.	Message handling is complete.

Table 4.1.2.1-1: SIF\_Message Handling

#### 4.1.2.2 SIF\_Event

A ZIS places a SIF\_Event in your Agent's queue when an event occurs in a Zone Context with regard to an object for which your agent has subscribed to receive events. A SIF\_Event is delivered when it is the next message pending delivery in the queue.

An event may apply to one or more contexts; these are listed in SIF\_Header/SIF\_Contexts. If SIF\_Contexts is not

present, the context for the event is `SIF_Default`. The type of event is specified in `SIF_EventObject/@Action`, the corresponding data object is in `SIF_EventObject`. A `Change` or `Delete` event may contain a partial object, but it must include the necessary attribute(s) and element(s) to uniquely identify the object being changed or deleted. These keys/identifiers are typically communicated in the root attributes of an object.

Step	Process	Flow Control
1	Does your Agent invoke Selective Message Blocking (SMB) for all events, or does this event indicate to your Agent that it will invoke SMB?	If no, go to Step 3.
2	<p>Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code>, respectively. Place 2 (intermediate <code>SIF_Ack</code>) in <code>SIF_Status/SIF_Code</code>.</p> <p>If your Agent is a Push-Mode Agent, return the <code>SIF_Ack</code> to the ZIS and commence sending the necessary requests as described in the <code>SIF_Request</code> protocol above to complete processing of the event per your Agent's business rules. When complete or if an error occurs, end SMB as described in the <code>SIF_Ack</code> (Push-Mode) protocol above.</p> <p>If your Agent is a Pull-Mode Agent, send the <code>SIF_Ack</code> to the ZIS per <code>SIF_Ack</code> (Pull-Mode) above and commence sending the necessary requests as described in the <code>SIF_Request</code> protocol above to complete processing of the event per your Agent's business rules. When complete or if an error occurs, end SMB as described in the <code>SIF_Ack</code> (Pull-Mode) protocol above.</p> <p>If an error occurs, it is <b>RECOMMENDED</b> that your Agent publish a <code>SIF_LogEntry Add</code> event.</p>	Message handling complete.
3	<p>If your Agent is a Pull-Mode Agent, process the event per your Agent's business rules. When complete or if an error occurs, acknowledge the message and remove it from your Agent's queue per <code>SIF_Ack</code> (Pull-Mode) above.</p> <p>If your Agent is a Push-Mode Agent, it has one of two options: process the event, then acknowledge it; or acknowledge the event, then process it. The advantage of first processing the event is the ability to return a descriptive error, if necessary, to the ZIS when acknowledging the message. The disadvantage of first processing is that if the processing is long running, the connection from the ZIS to your Agent may time out, which will lead to the event being redelivered to your Agent in another delivery attempt, to possibly run into another time-out. To avoid the latter, it is <b>RECOMMENDED</b> that your Push-Mode Agent first acknowledge the event, then process it, unless event processing is known to always occur within a reasonable amount of time. Agents that first acknowledge then process <b>SHOULD</b> persist the event locally until processing is complete, as the event is removed from your Agent's queue upon successful acknowledgement, otherwise the event will be lost in the case of an application or system error that affects your Agent's ability to complete processing of the event.</p> <p>Choose an option and process the event according to your Agent's business rules. When acknowledging: Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code>, respectively. Place 1 (immediate <code>SIF_Ack</code>) in <code>SIF_Status/SIF_Data</code> in the case of successful processing, and return the <code>SIF_Ack</code> to the ZIS. If an error has occurred, include a <code>SIF_Error</code> element with an appropriate <code>SIF_Category</code> and <code>SIF_Code</code> and describe the error as needed in <code>SIF_Desc</code> and optionally <code>SIF_ExtendedDesc</code>. Note that indicating a transport error will not remove the message from your Agent's queue, only acknowledge it. The same action can be accomplished indicating 8 (receiver is sleeping) in <code>SIF_Status/SIF_Code</code>.</p> <p>If an error occurs regardless of the option chosen, it is <b>RECOMMENDED</b> that your Agent publish a</p>	Message handling complete

Step	Process	Flow Control
	SIF_LogEntry Add event.	

Table 4.1.2.2-1: SIF\_Event Handling

### 4.1.2.3 SIF\_Request

A ZIS places a SIF\_Request in your Agent's queue when an Agent sends a request directly to your Agent, or when an Agent sends a request without a SIF\_DestinationId and your agent is registered as the Provider for the object requested in SIF\_Query, or in the case of SIF\_ExtendedQuery when your agent is registered as the Provider of the object specified by the Requester in SIF\_ExtendedQuery/SIF\_DestinationProvider OR SIF\_ExtendedQuery/SIF\_From/@ObjectName. The ZIS will not send your Agent a SIF\_ExtendedQuery unless your Agent has registered its support for that query type using SIF\_Provide or SIF\_Provision. A SIF\_Request is delivered when it is the next message pending delivery in your Agent's queue.

Any error that occurs while generating SIF\_Responses during SIF\_Request handling **MUST** be sent to the Requester with SIF\_MorePackets set to No, at which point the response stream ends.

Step	Process	Flow Control
1	Examine SIF_Header/SIF_Contexts to determine the context for the request; if none is specified, the context is SIF_Default.	Go to Step 3 if the context is supported.
2	<p>Prepare a SIF_Response message with a copy of SIF_Contexts, SIF_DestinationId set to SIF_SourceId and SIF_RequestMsgId set to SIF_MsgId from the SIF_Request message.</p> <p>Add a SIF_Error element with the SIF_Error/SIF_Category set to indicate General Message Handling and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate that the requested context is not supported.</p> <p>Add SIF_PacketNumber with a value of 1 and set SIF_MorePackets to No.</p> <p>Send the SIF_Response to the original requester and acknowledge the error to the ZIS.</p>	Message handling complete.
3	Examine the SIF_Version element or elements specified in the SIF_Request message. If more than one version is supported, select the highest version number supported.	Go to Step 5 if a version is supported.
4	<p>Prepare a SIF_Response message with a copy of SIF_Contexts, SIF_DestinationId set to SIF_SourceId and SIF_RequestMsgId set to SIF_MsgId from the SIF_Request message.</p> <p>Add a SIF_Error element with the SIF_Error/SIF_Category set to indicate Request and Response and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate that the requested SIF_Versions are not supported.</p> <p>Add SIF_PacketNumber with a value of 1 and set SIF_MorePackets to No.</p> <p>Send the SIF_Response to the original requester and acknowledge the error to the ZIS.</p>	Message handling complete.

Step	Process	Flow Control
5	Examine the <code>SIF_MaxBufferSize</code> specified in the <code>SIF_Request</code> message.	Go to Step 7 if it is greater than or equal to the minimum buffer size your Agent can support. (The buffer size of individual packets will be handled below).
6	<p>Using the SIF version selected in Step 1, prepare a <code>SIF_Response</code> message with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message.</p> <p>Add a <code>SIF_Error</code> element with the <code>SIF_Error/SIF_Category</code> set to indicate Request and Response and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the <code>SIF_MaxBufferSize</code> cannot be honored.</p> <p>Add <code>SIF_PacketNumber</code> with a value of 1 and set <code>SIF_MorePackets</code> to No.</p> <p>Send the <code>SIF_Response</code> to the original requester and acknowledge the error to the ZIS.</p>	Message handling complete.
7	Is <code>SIF_ExtendedQuery</code> specified?	If yes, go to Step 10.
6	The query type is <code>SIF_Query</code> . Examine the object name being queried in <code>SIF_QueryObject/@ObjectName</code> .	Go to Step 8 if the object is supported.
7	<p>Prepare a <code>SIF_Response</code> message using the version chosen in Step 1 with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message.</p> <p>Add a <code>SIF_Error</code> element with the <code>SIF_Error/SIF_Category</code> set to indicate Request and Response and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the object is not supported.</p> <p>Add <code>SIF_PacketNumber</code> with a value of 1 and set <code>SIF_MorePackets</code> to No.</p> <p>Send the <code>SIF_Response</code> to the original requester and acknowledge the error to the ZIS.</p>	Stop processing the message.
8	Examine the query represented, if any, by <code>SIF_ConditionGroup</code> , or <code>SIF_Example</code> in the case of objects that support query-by-example, and determine whether it is supported.	Go to Step 12 if neither <code>SIF_ConditionGroup</code> nor <code>SIF_Example</code> is present, or if the query represented by <code>SIF_ConditionGroup</code> or <code>SIF_Example</code> is supported.



Step	Process	Flow Control
9	<p>Prepare a <code>SIF_Response</code> message with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message.</p> <p>Add a <code>SIF_Error</code> element with the <code>SIF_Error/SIF_Category</code> set to indicate Request and Response and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the query is not supported.</p> <p>Add <code>SIF_PacketNumber</code> with a value of 1 and set <code>SIF_MorePackets</code> to No.</p> <p>Send the <code>SIF_Response</code> to the original requester and acknowledge the error to the ZIS.</p>	Stop processing the message.
10	Examine the query represented by <code>SIF_ExtendedQuery</code> , and determine whether it is supported.	Go to Step 12 if the query is supported.
11	<p>Prepare a <code>SIF_Response</code> message with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message.</p> <p>Add a <code>SIF_Error</code> element with the <code>SIF_Error/SIF_Category</code> set to indicate Request and Response and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the query is not supported.</p> <p>Add <code>SIF_PacketNumber</code> with a value of 1 and set <code>SIF_MorePackets</code> to No.</p> <p>Send the <code>SIF_Response</code> to the original requester and acknowledge the error to the ZIS.</p>	Stop processing the message.
12	<p>Note that Push-Mode Agents should acknowledge receipt of the <code>SIF_Request</code> as response generation is typically a long-running operation that will typically lead to HTTP time-outs. As the request will be removed from the Agent's queue, it is <b>RECOMMENDED</b> that the Push-Mode Agent persist the request and its <code>SIF_PacketNumber</code> while generating responses, in case of an application or system failure that prevents it from completing the request processing; upon restarting, the Agent can end the response stream with a <code>SIF_Error</code>, <code>SIF_PacketNumber</code> set to the last successfully transmitted <code>SIF_PacketNumber</code> + 1 and <code>SIF_MorePackets</code> set to No.</p> <p>If a Push-Mode Agent elects to successfully acknowledge the request before processing, it can do so. Otherwise it should acknowledge receipt of the request upon completion of response generation.</p> <p>Pull-Mode Agents can choose to acknowledge receipt of the request here or at the end of response generation.</p> <p>Initialize packet counter to 1.</p>	
13	Prepare a <code>SIF_Response</code> message with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message. When handling <code>SIF_ExtendedQuery</code> , copy the requested columns into <code>SIF_ExtendedQueryResults/SIF_ColumnHeaders</code> .	
14	Add one or more of the matching objects into <code>SIF_ObjectData</code> , for <code>SIF_Query</code> , or rows into <code>SIF_ExtendedQueryResult</code> , for <code>SIF_ExtendedQuery</code> , until no more will fit within the specified buffer size. If no objects or rows will fit within <code>SIF_MaxBufferSize</code> , go to Step 15 with the <code>SIF_Error/SIF_Category</code> set to indicate Request and Response and <code>SIF_Error/SIF_Code</code> and	If no errors occur in retrieving/adding matching objects, go to step 16.

Step	Process	Flow Control
	SIF_Error/SIF_Desc to indicate that SIF_MaxBufferSize cannot be honored. Otherwise, note that only requested columns are returned when processing SIF_ExtendedQuery. When processing SIF_Query, if the requester specified only certain elements be returned, that the Responder needs to return only those elements and their parent elements and attributes. Not supporting a requested element/attribute does not exclude the object from the response stream; include the parent elements/attributes of any missing elements, including the object itself.	
15	Set SIF_PacketNumber to the current packet counter and SIF_MorePackets to No. Add an appropriate SIF_Error element to the SIF_Response and send the SIF_Response to the ZIS.	Go to Step 19.
16	Set SIF_PacketNumber to the current packet counter value and set SIF_MorePackets appropriately. Send the SIF_Response to the ZIS.	
17	Examine the SIF_Ack returned by the ZIS.	If an error occurred, stop processing the SIF_Request message. Go to Step 19.
18	Determine if more objects or rows match the specified conditions.	If yes, increment the packet counter and go to Step 13; otherwise, go to Step 19.
19	If your Agent has not yet acknowledged receipt of the incoming request, acknowledge successful receipt of the request, or return a descriptive error to the ZIS.	Message handling complete.

Table 4.1.2.3-1: SIF\_Request Handling

#### 4.1.2.4 SIF\_Response

A ZIS places a SIF\_Response in your Agent's queue when a responder sends a response packet to your Agent per a SIF\_Request previously sent by your Agent. It is delivered when it is the next message available for delivery to your Agent.

Step	Process	Flow Control
1	SIF_RequestMsgId indicates which of your SIF_Requests this packet is in response to. Is SIF_Error present?	If no, go to Step 3.
2	<p>The Responder's handling of your Agent's SIF_Request has failed due to a SIF_Error condition. See <a href="#">Error Codes</a> with SIF_Category and SIF_Code, and examine SIF_Desc and SIF_ExtendedDesc, if included. this is the last packet your Agent will receive associated with that request.</p> <p>If your Agent is a Pull-Mode Agent, acknowledge the message per SIF_Ack (Pull-Mode) above.</p> <p>If your Agent is a Push-Mode Agent: Prepare a SIF_Ack message with SIF_Header containing a new GUID in SIF_MsgId, your Agent's Agent ID in SIF_SourceId and the current time in SIF_Timestamp; other SIF_Header elements do not apply. Place the incoming SIF_Header/SIF_SourceId and SIF_Header/SIF_MsgId in SIF_OriginalSourceId and SIF_OriginalMsgId, respectively. Place 1 (immediate SIF_Ack) in SIF_Status/SIF_Data, and return the SIF_Ack to the ZIS.</p>	Message handling complete. Any resources associated with the request can be released.
3	If your Agent is a Pull-Mode Agent, process the response per your Agent's business rules. When complete or if an error occurs, acknowledge the message	Message handling complete. If SIF_MorePackets is No,

Step	Process	Flow Control
	<p>and remove it from your Agent's queue per <code>SIF_Ack</code> (Pull-Mode) above.</p> <p>If your Agent is a Push-Mode Agent, it has one of two options: process the response, then acknowledge it; or acknowledge the response, then process it. The advantage of first processing the response is the ability to return a descriptive error, if necessary, to the ZIS when acknowledging the message. The disadvantage of first processing is that if the processing is long running, the connection from the ZIS to your Agent may time out, which will lead to the response being redelivered to your Agent in another delivery attempt, to possibly run into another time-out. To avoid the latter, it is <b>RECOMMENDED</b> that your Push-Mode Agent first acknowledge the response, then process it, unless response processing is known to always occur within a reasonable amount of time. Agents that first acknowledge then process <b>SHOULD</b> persist the response locally until processing is complete, as the response is removed from your Agent's queue upon successful acknowledgement, otherwise the response will be lost in the case of an application or system error that affects your Agent's ability to complete processing of the response.</p> <p>Choose an option and process the response according to your Agent's business rules. When acknowledging: Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code>, respectively. Place 1 (immediate <code>SIF_Ack</code>) in <code>SIF_Status/SIF_Data</code> in the case of successful processing, and return the <code>SIF_Ack</code> to the ZIS. If an error has occurred, include a <code>SIF_Error</code> element with an appropriate <code>SIF_Category</code> and <code>SIF_Code</code> and describe the error as needed in <code>SIF_Desc</code> and optionally <code>SIF_ExtendedDesc</code>. Note that indicating a transport error will not remove the message from your Agent's queue, only acknowledge it. The same action can be accomplished indicating 8 (receiver is sleeping) in <code>SIF_Status/SIF_Code</code>.</p> <p>If an error occurs regardless of the option chosen, it is <b>RECOMMENDED</b> that your Agent publish a <code>SIF_LogEntry Add</code> event.</p>	<p>this is the last packet associated with the request your Agent will receive; any resources associated with the request can be released.</p>

Table 4.1.2.4-1: `SIF_Event Handling`

#### 4.1.2.5 `SIF_Ping` (Push-Mode only)

The ZIS is pinging your Agent to see if it is reachable, "awake" and/or processing messages.

Step	Process	Flow Control
1	<p>Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code>, your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code>; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code>, respectively. If your Agent is "awake," include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 1 (immediate <code>SIF_Ack</code>). Otherwise you may optionally notify the ZIS that your Agent is asleep by returning a <code>SIF_Code</code> of 8 (receiver is sleeping).</p>	
2	<p>Return the <code>SIF_Ack</code> to the ZIS.</p>	<p>Message processing complete (success).</p>

Table 4.1.2.5-1: `SIF_Ping Handling`

#### 4.1.2.6 `SIF_Sleep` (Push-Mode only)

The ZIS has changed its state to "asleep" and is either not processing incoming messages or all incoming messages will be acknowledged with a `SIF_Ack/SIF_Status/SIF_Code` value of 8 (receiver is sleeping); delivery of queued messages to your Agent is halted. Your Agent **SHOULD** avoid sending messages to the ZIS until receipt of a `SIF_Wakeup` message, or be prepared to handle transport errors or the aforementioned acknowledgement.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 1 (immediate <code>SIF_Ack</code> ). Change your Agent's ZIS state to "asleep."	
2	Return the <code>SIF_Ack</code> to the ZIS.	Message processing complete (success).

Table 4.1.2.6-1: `SIF_Sleep` Handling

#### 4.1.2.7 `SIF_Wakeup` (Push-Mode only)

The ZIS has changed its state to "awake" and is processing incoming messages and delivering queued messages again.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 1 (immediate <code>SIF_Ack</code> ). Change your Agent's ZIS state to "awake."	
2	Return the <code>SIF_Ack</code> to the ZIS.	Message processing complete (success).

Table 4.1.2.7-1: `SIF_Wakeup` Handling

#### 4.1.2.8 `SIF_CancelRequests` (Push-Mode only) (optional)

A ZIS is requesting that your Agent cancel processing of one or more `SIF_Request` messages. Support for handling of this message is currently optional for Push-Mode Agents. If your Agent does not support `SIF_CancelRequests`, it returns a Generic Message Handling error upon receipt of the `SIF_SystemControl` message, error code "Message not supported," per the `SIF_Message` handling protocol.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Agent's Agent ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 1 (immediate <code>SIF_Ack</code> ).	
2	If your Agent is currently preparing <code>SIF_Response</code> packets for any of the <code>SIF_Request</code> messages specified in the <code>SIF_RequestMsgId</code> element(s), stop processing the request(s). If your Agent has any of the specified <code>SIF_Requests</code> queued locally, remove them from the agent local queue.	

Step	Process	Flow Control
3	Return the <code>SIF_Ack</code> to the ZIS.	Message processing complete (success).

Table 4.1.2.8-1: `SIF_CancelRequests` Handling

## 4.2 ZIS Protocols

### 4.2.1 ZIS Messaging Protocols

This section documents how Zone Integration Servers send individual messages, and the resulting post-conditions upon success or failure, along with any necessary steps to take. These correspond to each of the actions a Zone Integration Server can initiate.

#### 4.2.1.1 `SIF_Message Delivery (SIF_Event, SIF_Request, SIF_Response to a Push-mode Agent)`

A ZIS contacts a Push-Mode Agent to deliver `SIF_Event`, `SIF_Request` and `SIF_Response` messages queued for the Agent. This delivery protocol starts with a check on whether there are messages pending, as the protocol can loop as messages are delivered.

Step	Process	Flow Control
1	Are there messages queued for the Agent?	If yes, go to Step 2. Otherwise messaging protocol complete (success).
2	Is the state of the Agent "asleep?" If yes, the ZIS <b>SHOULD</b> wait until the Agent sends a <code>SIF_Wakeup</code> message or re-registers in Push mode before attempting message delivery. Otherwise the ZIS <b>MUST</b> be prepared to handle transport errors/exceptions and/or the Agent responding with a <code>SIF_Status/SIF_Code</code> of 8 (receiver is sleeping).	If no, go to Step 3. Otherwise messaging protocol complete (success).
3	Has the Agent previously invoked SMB?	If no, go to Step 6.
4	Iterate through the Agent's queue from the message received first to the most recently received message. Stop at the first <code>SIF_Response</code> OR <code>SIF_Request</code> in the queue, if one exists.	If one exists, it is the next message to be delivered. Go to Step 7.
5	The only messages queued for the Agent are <code>SIF_Events</code> ; try again later, or after a <code>SIF_Response</code> OR <code>SIF_Request</code> arrives, or after the Agent has ended SMB by sending a final <code>SIF_Ack</code> .	Messaging protocol complete (no message needs to be delivered).
6	The next message to be delivered is the message received first in the Agent's queue.	
7	Is <code>SIF_Header/SIF_Security</code> present in the <code>SIF_Message</code> with <code>SIF_EncryptionLevel</code> , <code>SIF_AuthenticationLevel</code> , or both?	If no, the message delivery encryption/authentication levels are the minimum encryption/authentication levels set up for the Zone. Go to Step 9.
8	The ZIS <b>MUST</b> guarantee that the minimum encryption and/or authentication levels specified are respected when delivering this message. Use the higher of these and the Zone's minimum encryption and/or authentication levels during message delivery.	
9	If a connection is already open to the Push-Mode Agent from a previously delivered message, are the encryption and authentication levels greater than or equal to those needed for the delivery of this message?	If there is no connection open, go to Step 11. If there is and the encryption/authentication levels are adequate for delivery, go to

Step	Process	Flow Control
		Step 13.
10	Attempt to renegotiate the encryption/authentication levels for the connection, or close the connection and attempt to open a new connection with adequate encryption/authentication levels.	Go to Step 12.
11	If the registered transport layer is known to not provide adequate encryption/authentication levels (e.g. SIF HTTP), go to Step 12. Otherwise attempt to open a connection to the Agent with adequate encryption/authentication levels, using the appropriate transport layer.	
12	Was a connection opened or renegotiated with adequate encryption/authentication levels? If no, the message cannot be delivered; remove it from the Agent's queue. It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MUST</b> post a <code>SIF_LogEntry Add</code> event with the appropriate error category and code, containing a copy of the <code>SIF_Header</code> of the queued message. <code>SIF_LogEntry/SIF_Desc</code> <b>MUST</b> contain the <code>SIF_SourceId</code> of the Agent that failed to receive the message.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (error).
13	Send the message to the Agent over the connection.	
14	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 24.
15	Is <code>SIF_Status/SIF_Code 1</code> (immediate <code>SIF_Ack</code> )?	If no, go to Step 17.
16	The Agent has successfully acknowledged receipt of the message; remove it from the Agent's queue.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (success).
17	Is <code>SIF_Status/SIF_Code 2</code> (intermediate <code>SIF_Ack</code> )?	If no, go to Step 21.
18	The Agent is invoking SMB. Is the delivered message a <code>SIF_Event</code> ?	If yes, go to Step 20.
19	The Agent has violated protocol; remove the message from the Agent's queue. It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MUST</b> post a <code>SIF_LogEntry Add</code> event with the appropriate error category of 13 (SMB Error) and code 2 (SMB can only be invoked for <code>SIF_Event</code> ), containing a copy of the <code>SIF_Header</code> of the queued message. <code>SIF_LogEntry/SIF_Desc</code> <b>MUST</b> contain the <code>SIF_SourceId</code> of the Agent that committed the protocol error.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (error).
20	The Agent has invoked SMB on this <code>SIF_Event</code> . Persist that the Agent has invoked SMB along with the <code>SIF_MsgId</code> of the event. The event stays in the agent's queue as blocked, and all other events are frozen until the Agent eventually ends SMB by sending a final <code>SIF_Ack</code> with this <code>SIF_MsgId</code> in <code>SIF_OriginalMsgId</code> , or by sending a <code>SIF_Wakeup</code> or by re-registering.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (success).
21	Is <code>SIF_Status/SIF_Code 8</code> (receiver is sleeping)?	If no, go to Step 23.
22	The Agent is asleep. Re-attempt delivery later.	Messaging protocol complete (success).
23	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 7 (already have this <code>SIF_MsgId</code> ). The ZIS cannot correct this, as the <code>SIF_MsgId</code> originates from an Agent and can't be changed without other repercussions. Remove the message from the Agent's queue. It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MUST</b> post a <code>SIF_LogEntry Add</code> event with the appropriate error category and code, containing a copy of the <code>SIF_Header</code> of the queued message. <code>SIF_LogEntry/SIF_Desc</code> <b>MUST</b> contain the <code>SIF_SourceId</code> of the Agent that did not receive the message.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (error).

Step	Process	Flow Control
24	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included. If <code>SIF_Category</code> does not indicate a transport error, remove the message from the Agent's queue. Otherwise re-attempt delivery of this message later. It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MAY</b> post a <code>SIF_LogEntry</code> Add event with the appropriate error category and code, containing a copy of the <code>SIF_Header</code> of the queued message. <code>SIF_LogEntry/SIF_Desc</code> <b>MUST</b> contain the <code>SIF_SourceId</code> of the Agent that indicated the error.	Go to Step 1 to start delivery of the next queued message, if desired. Otherwise messaging protocol complete (error).

Table 4.2.1.1-1: *SIF\_Message Delivery Protocol*

#### 4.2.1.2 SIF\_Ping (to a Push-mode Agent)

A ZIS can "ping" a Push-Mode Agent or check that it's "awake" by sending a `SIF_Ping` message to the Agent. If the Agent returns a successful acknowledgement, it is awake; the Agent may also reply that it is asleep. As a Push-Mode Agent may be offline completely, Zone Integration Servers should be prepared to handle transport errors directly or wrapped in a `SIF_Ack/SIF_Error` by underlying code.

Step	Process	Flow Control
1	Prepare a <code>SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , the Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Ping</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to Agent over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 8.
3	Is <code>SIF_Status/SIF_Code</code> 1?	If no, go to Step 5.
4	The Agent is awake.	Messaging protocol complete (success).
5	Is <code>SIF_Status/SIF_Code</code> 8 (receiver is sleeping)?	If no, go to Step 7.
6	The Agent is asleep.	Messaging protocol complete (success).
7	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 7 (your ZIS sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
8	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.2.1.2-1: *SIF\_Ping Protocol*

#### 4.2.1.3 SIF\_Sleep (to a Push-mode Agent)

A ZIS can send a `SIF_Sleep` message to a Push-Mode Agent to change its state to "sleeping," indicating that it will either be offline or acknowledging incoming messages with a `SIF_Status/SIF_Code` of 8 (receiver is sleeping), and that it will not be delivering messages to the Agent until it "wakes up" by sending a `SIF_Wakeup` message.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Sleep</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to Agent over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 1?	If no, go to Step 5.

Step	Process	Flow Control
4	The Agent has successfully acknowledged your <code>SIF_Sleep</code> and should not be expecting further message delivery until your ZIS sends a <code>SIF_Wakeup</code> .	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (Agent is asleep) or 7 (your ZIS sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.2.1.3-1: *SIF\_Sleep Protocol*

#### 4.2.1.4 SIF\_Wakeup (to a Push-mode Agent)

A ZIS can send a `SIF_Wakeup` message to a Push-Mode Agent to change its state to "awake;" i.e., that it is ready to process incoming messages and deliver queued messages again.

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place an empty <code>SIF_Wakeup</code> element in <code>SIF_SystemControlData</code> .	Send <code>SIF_Message</code> to Agent over appropriate transport.
2	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 6.
3	Is <code>SIF_Status/SIF_Code</code> 1?	If no, go to Step 5.
4	The Agent has successfully acknowledged your "awake" status.	Messaging protocol complete (success).
5	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (Agent is asleep) or 7 (your ZIS sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
6	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	Messaging protocol complete (failure).

Table 4.2.1.4-1: *SIF\_Wakeup Protocol*

#### 4.2.1.5 SIF\_CancelRequests (to a Push-mode Agent)

A ZIS can send a `SIF_CancelRequests` message to a Push-Mode Agent after receiving a `SIF_CancelRequests` messages from another agent, as per the [SIF\\_CancelRequests message handling protocol](#). As support for this message is currently optional for Push-Mode Agents, the ZIS should be prepared to handle a Generic Message Handling error from the Agent upon receipt of the `SIF_SystemControl` message, error code "Message not supported."

Step	Process	Flow Control
1	Prepare a <code>SIF_Message/SIF_SystemControl</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place a <code>SIF_CancelRequests</code> element in <code>SIF_SystemControlData</code> .	
2	Place the requests that should be cancelled in <code>SIF_RequestMsgIds/SIF_RequestMsgId</code> . While it is not used by the Push-Mode Agent, set the <code>NotificationType</code> to <code>None</code> .	Send <code>SIF_Message</code> to Agent over appropriate transport.
3	Receive <code>SIF_Ack</code> in response. Is <code>SIF_Error</code> present?	If yes, go to Step 7.
4	Is <code>SIF_Status/SIF_Code</code> 1?	If no, go to Step 6.



Step	Process	Flow Control
5	The Agent has successfully acknowledged your <code>SIF_CancelRequests</code> and should have cancelled any corresponding response activity.	Messaging protocol complete (success).
6	Messaging protocol has failed due to a <code>SIF_Status/SIF_Code</code> of 8 (Agent is asleep) or 7 (your ZIS sent a duplicate <code>SIF_MsgId</code> ).	Messaging protocol complete (failure).
7	Messaging protocol has failed due to a <code>SIF_Error</code> condition. See <a href="#">Error Codes</a> with <code>SIF_Category</code> and <code>SIF_Code</code> , and examine <code>SIF_Desc</code> and <code>SIF_ExtendedDesc</code> , if included.	If the <code>SIF_Error</code> is a Generic Message Handling error, error code "Message not supported," go to Step 8. Otherwise messaging protocol complete (failure).
8	The Agent does not support <code>SIF_CancelRequests</code> .	Messaging protocol complete (success).

Table 4.2.1.5-1: `SIF_CancelRequests` Protocol

## 4.2.2 ZIS Message Handling Protocols

This section documents how Zone Integration Servers should respond to incoming messages, and the resulting post-conditions upon success or failure, along with any necessary steps to take.

Note that in handling any `SIF_Message`, the ZIS can return a `SIF_Ack` with `SIF_Status/SIF_Code` 8 (receiver is sleeping) or 7 (already have this `SIF_MsgId` from you) if a duplicate message is detected. These responses are omitted from the handling protocols below.

### 4.2.2.1 `SIF_Message`

When a message is received, the ZIS should first validate the XML message. If the message is not `SIF_Register`, the ZIS should determine whether the sender is registered in the zone. If errors are found, a `SIF_Ack` with a `SIF_Error` element should be returned to the caller and no further processing should occur. If no errors are found, message processing proceeds according to message type. Subsequent message processing sections are assured of receiving well-formed and/or valid XML, and all non-`SIF_Register` message processing sections are assured that the agent is indeed registered with the zone.

Step	Process	Flow Control
1	Validate incoming XML message. Message validation is optional. The <code>Version</code> attribute of <code>SIF_Message</code> can be used to indicate the appropriate message definition.	If not performing message validation, go to Step 3 if XML is well-formed. If performing message validation, go to Step 3 if message is well-formed and valid.
2	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. (Note that if XML is not well-formed, or invalid and the well-formed XML is not made available by the XML parser, <code>SIF_SourceId</code> and <code>SIF_MsgId</code> will not be available from the incoming XML message. If this is the case, include <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> in the <code>SIF_Ack</code> as empty elements with <code>xsi:nil</code> set to true as necessary to indicate the current message.) Set <code>SIF_Error/SIF_Category</code> to indicate XML Validation and place the appropriate error code and description in <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> . Place any additional parser information into <code>SIF_Error/SIF_ExtendedDesc</code> . Return the <code>SIF_Ack</code> to caller. If it can be determined the message is a <code>SIF_Response</code> , see <a href="#">SIF_Response Handling</a> below, Step 13, to send an error <code>SIF_Response</code> to the requester.	Stop processing this message.

Step	Process	Flow Control
3	Examine the Version attribute of the message.	If the version is supported, go to Step 5.
4	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to Generic Message Handling, indicating that the message is not supported in SIF_Error/SIF_Code and SIF_Error/SIF_Desc. Return the SIF_Ack to the caller. If this message is a SIF_Response, see SIF_Response Handling below, Step 13, to send an error SIF_Response to the requester.	Stop processing this message.
5	Examine message's SIF_Header to retrieve the SIF_SourceId and the message to get the message type. If message type is not SIF_Register, determine if the sender identified by SIF_SourceId is registered.	If message type is SIF_Register or if the sender's SIF_SourceId is registered, go to Step 7.
6	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to Access and Permissions, indicating that the sender is not registered in SIF_Error/SIF_Code and SIF_Error/SIF_Desc. Return the SIF_Ack to the caller. If this message is a SIF_Response, see SIF_Response Handling below, Step 13, to send an error SIF_Response to the requester.	Stop processing the message.
7	Forward message to the proper handler based on the message type.	

Table 4.2.2.1-1: SIF\_Message Handling

#### 4.2.2.2 SIF\_Register

Before an agent can participate in a zone, it must register itself in order to provide the data that the ZIS needs to interact with the agent. This process is handled using a SIF\_Register message.

Step	Process	Flow Control
1	If ZIS implementation limits SIF_SourceId values in some way, examine SIF_SourceId and determine whether it is valid.	If implementation allows any SIF_SourceId or if the SIF_SourceId is valid, go to Step 3.
2	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Registration and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate that SIF_SourceId is invalid. Return the SIF_Ack to the caller.	Stop processing this message.
3	If ZIS implementation requires previous permissions to register, examine SIF_SourceId and determine whether sender is permitted to register.	If implementation allows any sender to register or if sender is permitted to register, go to Step 5.
4	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Access and Permissions and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the lack of permission to register. Return the SIF_Ack to the caller.	Stop processing this message.
5	Examine SIF_Version element(s) and determine if the ZIS can handle the version(s).	Go to Step 7 if the ZIS can handle the SIF version(s) specified by agent.
6	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Registration and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate that the ZIS cannot handle SIF messages in a version requested. Place the unsupported version in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing this message.

Step	Process	Flow Control
7	Examine <code>SIF_MaxBufferSize</code> and verify that it is greater than or equal to the minimum value for the ZIS.	Go to Step 9 if <code>SIF_MaxBufferSize</code> is large enough.
8	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Registration and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the <code>SIF_MaxBufferSize</code> is too small to be supported by the ZIS. Return the <code>SIF_Ack</code> to the caller	Stop processing this message.
9	If the supplied value of <code>SIF_Mode</code> is Push, verify that the <code>SIF_Protocol</code> element is provided and that the protocol information appears sufficient for contacting the agent in Push mode and that the ZIS supports the Accept-Encoding <code>SIF_Protocol/SIF_Property</code> , if specified.	Go to Step 11 if <code>SIF_Mode</code> is Pull or <code>SIF_Protocol</code> information appears valid.
10	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Registration and <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the protocol is not supported, a secure transport is required, or that the ZIS does not support the supplied Accept-Encoding value. Return the <code>SIF_Ack</code> to the caller.	Stop processing this message.
11	Store data from the <code>SIF_Register</code> message into the agent's database profile.	
12	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Status</code> element indicating success, placing the agent's access control permissions in <code>SIF_Status/SIF_Data/SIF_AgentACL</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing this message.

Table 4.2.2.2-1: `SIF_Register` Handling

An agent may also send the `SIF_Register` message when already registered. In this case, the ZIS should re-register the agent in the same manner as defined for initial registration. Any existing provision and subscription entries, as well as any pending messages, maintained by the ZIS for the agent should remain intact. Upon successful re-registration, any new or updated registration settings for the agent, including push mode protocol information, take effect after the ZIS has returned a successful `SIF_Ack` for the `SIF_Register` message.

#### 4.2.2.3 `SIF_Unregister`

When an agent is going to be removed from a Zone, the agent must send a `SIF_Unregister` message. When a ZIS receives this message from an agent, it performs those steps—ignoring `SIF_Ack` preparation and delivery—outlined for the `SIF_Unprovide` and `SIF_Unsubscribe` messages for any agent provisions or subscriptions, respectively. The ZIS then discards any messages pending for the agent. The ZIS will also remove any registration information and remove the agent from its list of registered agents.

It is recommended that the ZIS not remove access control data from its database as a replacement agent may be installed. Keeping the access permissions is optional, however.

Step	Process	Flow Control
1	Examine message and retrieve the <code>SIF_SourceId</code> of the message. The ZIS must remove the agent from its list of registered agents. Perform <code>SIF_Unprovide</code> functionality for any objects the agent is providing. Perform <code>SIF_Unsubscribe</code> functionality for any objects to which the agent is subscribed. Discard any pending messages for the agent.	
2	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Status</code> element indicating success. Return the <code>SIF_Ack</code> to caller.	Stop processing the message.

Table 4.2.2.3-1: `SIF_Unregister` Handling

#### 4.2.2.4 `SIF_Provide`

An agent makes an object available to be requested by a process called Provision that is represented by the `SIF_Provide` message.

The `SIF_Provide`

message can contain provision requests for multiple objects. The ZIS must treat all of the objects as a set; if there is an error with one of the objects then there should be no change to the Providers database.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> .	Go to Step 3.
2	Examine the message to determine whether any more objects are being provided.	Go to Step 11 if there are no further object provisions to process for this message.
3	Retrieve the name of the next object to be provided. If not otherwise performed in initial message validation, check whether the object name is valid (e.g. valid/supported object, not <code>SIF_ZoneStatus</code> ).	If object name is valid, go to Step 5.
4	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Provision and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the object is invalid. Place the name of the invalid object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 14.
5	If no <code>SIF_Context</code> is specified, the context is <code>SIF_Default</code> . Otherwise check that each <code>SIF_Context</code> supplied in <code>SIF_Contexts</code> is supported.	If they are all supported, go to Step 7.
6	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Generic Message Handling. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate a context is not supported. Place the name of the context in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 14.
7	Using the <code>SIF_SourceId</code> , consult the ACL to determine if the sender has the proper access and permissions for this object in each of the specified contexts.	If sender has the proper access and permissions, go to Step 9.
8	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Access and Permissions. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the sender lacks permission to provide this object. Place the name of the object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 14.
9	Check the Providers database to see if this object has already been provided in the contexts specified.	If the object does not have a provider in the contexts specified, go to Step 11.
10	Is the current provider the same as the <code>SIF_SourceId</code> of this message?	If the provider differs from the <code>SIF_SourceId</code> of this message, go to Step 14. Otherwise go to Step 2.
11	Add a record in the Providers database to indicate that <code>SIF_SourceId</code> is the provider of this object in the given contexts. If an error occurs, add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> .	If an error occurs, go to Step 13; otherwise go to Step 2.
12	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Provision and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate that the object already has a provider. Place the name of the provider in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 14.
13	Add a <code>SIF_Status</code> element indicating success to the <code>SIF_Ack</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
14	Undo all changes to the Providers database. Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.

Table 4.2.2.4-1: `SIF_Provide` Handling

#### 4.2.2.5 `SIF_Unprovide`

If an agent wishes to withdraw an object previously provided, the `SIF_Unprovide` message is used.

The `SIF_Unprovide` message can contain multiple objects. The ZIS must treat all of the objects as a set; if there is an error with one of the objects then there should be no change to the Providers database.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> .	Go to Step 3.
2	Examine the message to determine whether any more objects are being unprovided.	Go to Step 7 if there are no further objects to process for this message.
3	Examine the message and retrieve the name of an object to be unprovided. If not otherwise performed in initial message validation, check whether the object name is valid (e.g. valid/supported object, not <code>SIF_ZoneStatus</code> ).	Go to Step 5 if the object name is valid.
4	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Provision and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the object is invalid. Place the name of the invalid object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 10.
5	If no <code>SIF_Context</code> is specified, the context is <code>SIF_Default</code> . Otherwise check that each <code>SIF_Context</code> supplied in <code>SIF_Contexts</code> is supported.	If they are all supported, go to Step 7.
6	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Generic Message Handling. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate a context is not supported. Place the name of the context in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 10.
7	If it exists, remove the records in the Providers database that marks <code>SIF_SourceId</code> as the provider of this object for the given contexts. If an error occurs, add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> .	If an error occurs, go to Step 10.
8	Leave all pending <code>SIF_Requests</code> for the object in the responder's queue, as they may include <code>SIF_Requests</code> routed explicitly to the responder using <code>SIF_DestinationId</code> .	Go to Step 2.
9	Add a <code>SIF_Status</code> element indicating success to the <code>SIF_Ack</code> . Return the <code>SIF_Ack</code> to the caller	Stop processing the message.
10	Undo all changes to the Providers database. Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.

Table 4.2.2.5-1: `SIF_Unprovide` Handling

#### 4.2.2.6 `SIF_Subscribe`

An agent requests to receive `SIF_Events` for an object by a process called Subscription that is represented by the `SIF_Subscribe` message.

The `SIF_Subscribe` message can contain subscription requests for multiple objects. The ZIS must treat all of the objects as a set, if there is an error with one of the objects then there should be no change to the Subscribers database.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> .	Go to Step 3.
2	Examine the message to determine whether any more subscriptions need to be processed.	Go to Step 9 if there are no further subscriptions to process in this message.
3	Retrieve the name of the next object to be subscribed to. If not otherwise performed in initial message validation, check whether the object name is valid (e.g., valid/supported object with events reported).	If the object name is valid, go to Step 5.

Step	Process	Flow Control
4	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Subscription and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the object is invalid. Place the name of the invalid object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 12.
5	If no <code>SIF_Context</code> is specified, the context is <code>SIF_Default</code> . Otherwise check that each <code>SIF_Context</code> supplied in <code>SIF_Contexts</code> is supported.	If they are all supported, go to Step 7.
6	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Generic Message Handling. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate a context is not supported. Place the name of the context in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 12.
7	Using the <code>SIF_SourceId</code> , consult the ACL to determine if the sender has the proper access and permissions for this object and contexts.	If sender has the proper access and permissions, go to Step 9.
8	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Access and Permissions. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the sender lacks permission to subscribe to this object. Place the name of the object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 12.
9	Check the Subscribers database to see if the caller is already subscribed to this object for the specified contexts.	If the caller is already subscribed to this object, go to Step 2.
10	Add a record in the Subscribers database to indicate that <code>SIF_SourceId</code> is a subscriber of this object's <code>SIF_Events</code> in the specified contexts. If an error occurs, add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> .	If an error occurs go to Step 12; otherwise go to Step 2.
9	Add a <code>SIF_Status</code> element indicating success to the <code>SIF_Ack</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
12	Undo all changes to the Subscribers database. Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.

Table 4.2.2.6-1: `SIF_Subscribe` Handling

#### 4.2.2.7 `SIF_Unsubscribe`

If an agent wishes to cancel one or more subscriptions, the `SIF_Unsubscribe` message is used. Events already queued for delivery prior to unsubscription will be delivered.

The `SIF_Unsubscribe` message can contain subscription requests for multiple objects. The ZIS must treat all of the objects as a set, if there is an error with one of the objects then there should be no change to the Subscribers database.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> .	Go to Step 3.
2	Examine the message to determine whether any more unsubscriptions need to be processed.	Go to Step 6 if there are no further objects to process in the message.
3	Retrieve the name of the next object. If not otherwise performed in initial message validation, check whether the object name is valid (e.g. valid/supported object with events reported).	If the object name is valid, go to Step 5.
4	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Subscription and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the object is invalid. Place the name of the invalid object in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 9.

Step	Process	Flow Control
5	If no <code>SIF_Context</code> is specified, the context is <code>SIF_Default</code> . Otherwise check that each <code>SIF_Context</code> supplied in <code>SIF_Contexts</code> is supported.	If they are all supported, go to Step 7.
6	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Generic Message Handling. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate a context is not supported. Place the name of the context in <code>SIF_Error/SIF_ExtendedDesc</code> .	Go to Step 12.
7	If it exists, remove the record in the Subscribers database that marks <code>SIF_SourceId</code> as a subscriber of this object's <code>SIF_Events</code> in the specified contexts. If an error occurs, add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> .	If an error occurs go to Step 9, otherwise go to Step 2.
8	Add a <code>SIF_Status</code> element indicating success to the <code>SIF_Ack</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
9	Undo all changes to the Subscribers database. Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.

Table 4.2.2.7-1: *SIF\_Unsubscribe Handling*

#### 4.2.2.8 SIF\_Provision

An Agent is registering its support for various messages with regard to various objects. Settings supplied replace any previously recorded settings for the Agent.

Step	Process	Flow Control
1	Prepare <code>SIF_Ack</code> .	
2	Process <code>SIF_ProvideObjects</code> as provide.	On error go to step 13.
3	Process objects not in <code>SIF_ProvideObjects</code> as unprovide.	On error go to step 13.
4	Process <code>SIF_SubscribeObjects</code> as subscribe.	On error go to step 13.
5	Process objects not in <code>SIF_SubscribeObjects</code> as unsubscribe.	On error go to step 13.
6	Process <code>SIF_PublishAddObjects</code> .	On error go to step 13.
7	Process <code>SIF_PublishChangeObjects</code> .	On error go to step 13.
8	Process <code>SIF_PublishDeleteObjects</code> .	On error go to step 13.
9	Process <code>SIF_RequestObjects</code> .	On error go to step 13.
10	Process <code>SIF_RespondObjects</code> .	On error go to step 13.
11	Save changes.	
12	Return success <code>SIF_Ack</code> .	Stop processing.
13	Roll back any changes.	
14	Return error <code>SIF_Ack</code> .	Stop processing.

Table 4.2.2.8-1: *SIF\_Provision Handling*

#### 4.2.2.9 SIF\_Event

When an application has made a change in an object that is part of the Zone and for which the application has declared the ability to generate `SIF_Events`, the agent will send a `SIF_Event` message to its Zone Integration Server so the framework may distribute it.

Step	Process	Flow Control
1	Examine message and retrieve the name of the object. Check whether the object name is valid (e.g. valid/supported object with events reported).	If object name is valid, go to Step

Step	Process	Flow Control
		3.
2	Add a <code>SIF_Error</code> element to the <code>SIF_Ack</code> . Set <code>SIF_Error/SIF_Category</code> to indicate Event Reporting and set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the event is invalid. Place the name of the invalid object in <code>SIF_Error/SIF_ExtendedDesc</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
3	If no <code>SIF_Context</code> is specified, the context is <code>SIF_Default</code> . Otherwise check that each <code>SIF_Context</code> supplied in <code>SIF_Contexts</code> is supported.	If they are all supported, go to Step 5.
4	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Generic Message Handling. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate a context is not supported. Place the name of the context in <code>SIF_Error/SIF_ExtendedDesc</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
5	Using the <code>SIF_SourceId</code> , consult the ACL to determine if the sender has the proper access and permissions for this object in the specified contexts.	If sender has the proper access and permissions, go to Step 7.
6	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Error</code> element. Set <code>SIF_Error/SIF_Category</code> to indicate Access and Permissions. Set <code>SIF_Error/SIF_Code</code> and <code>SIF_Error/SIF_Desc</code> to indicate the sender lacks permission to publish events pertaining to this object (use general <code>SIF_Event</code> error code, or specific Add, Change, Delete codes). Place the name of the object in <code>SIF_Error/SIF_ExtendedDesc</code> . Return the <code>SIF_Ack</code> to the caller.	Stop processing the message.
7	Check the Subscriber database to see if there are any subscribers in the specified contexts for the <code>SIF_Event</code> .	Go to Step 9 if there are no subscribers for this object.
8	Create a new message for this <code>SIF_Event</code> and place a copy into each subscribing agent's queue. If more than one context is specified for the event, only one copy of the event is placed in the subscribing agent's queue. If the event cannot be placed into an individual agent's queue due to the agent's maximum buffer size or because the subscribing agent does not support the message version of the <code>SIF_Event</code> , it is recommended that the ZIS log the inability to deliver the event. In addition, the ZIS <b>MUST</b> report a <code>SIF_LogEntry</code> event with the appropriate error category and code, containing a copy of the <code>SIF_Header</code> from the original message. <code>SIF_LogEntry/SIF_Desc</code> must contain the <code>SourceId</code> of the agent that has failed to receive the message.	
9	Prepare a <code>SIF_Ack</code> containing a <code>SIF_Status</code> element indicating success. Return a <code>SIF_Ack</code> to the caller.	Stop processing the message.

Table 4.2.2.9-1: `SIF_Event` Handling

#### 4.2.2.10 `SIF_Request`

When an agent needs information from a Zone context it sends a `SIF_Request` message to the ZIS. If the `SIF_Request`'s header does not contain a `SIF_DestinationId` element, the ZIS will route the message to the Provider of the object referenced in the `SIF_Request`. If the header contains a `SIF_DestinationId`, the ZIS will route the message to the application referenced in the `SIF_DestinationId` if the security policies of the zone permit such routing. The ZIS will return a `SIF_Ack` message to the requesting agent to indicate whether or not it was able to process the `SIF_Request` message.

After the ZIS returns a success `SIF_Ack` to the requester, the ZIS will route the `SIF_Request` to the responder and the requesting agent may expect to receive one or more `SIF_Response` messages sent by the responder. However, the responder may not be currently on-line or it may not be able to immediately satisfy the `SIF_Request`. Therefore, requesting agents must not depend upon a timely response to their `SIF_Request`.

If the ZIS returns an error `SIF_Ack`, the requesting agent will not receive any `SIF_Response` messages from a responder.



Step	Process	Flow Control
1	Prepare a SIF_Ack.	
2	Retrieve the name of the object from the ObjectName attribute of SIF_Query/SIF_QueryObject and check whether it's a valid/supported object.	Go to Step 4 if the object name is valid.
3	Add a SIF_Error element to the SIF_Ack. Set SIF_Error/SIF_Category to indicate Request and Response and set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the object name is invalid. Place the name of the invalid object in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing the message.
4	If no SIF_Context is specified, the context is SIF_Default. Otherwise check that the context supplied in SIF_Contexts is supported. If more than one context is specified, go to Step 5.	If the context is supported, go to Step 6.
5	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Generic Message Handling. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate a specified context is not supported or that multiple contexts are not supported, depending on the error. Place the name of the context in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing the message.
6	Using the SIF_SourceId, consult the ACL to determine if the sender has the proper access and permissions for this object in the applicable context.	If sender has the proper access and permissions, go to Step 8.
7	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Access and Permissions. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the sender lacks permission to request this object. Place the name of the object in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing the message.
8	Examine the SIF_Request header looking for a SIF_DestinationId	Go to Step 11 if a SIF_DestinationId was located.
9	No SIF_DestinationId was found. Examine the Providers database to locate the responder for the requested object in the applicable context.	Go to Step 12 if a Provider was located.
10	Add a SIF_Error element with the SIF_Error/SIF_Category set to indicate Request and Response and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate that no provider was found. Return the SIF_Ack to the caller.	Stop processing the message.
11	A SIF_DestinationId was specified indicating the responder. Confirm that the agent specified in SIF_DestinationId has permission to send SIF_Response messages for the requested data object in the applicable context.	Go to Step 10 if the agent does not have the necessary permission.
12	If it can be determined from ACL settings or settings recorded by SIF_Provision and/or SIF_Provide that the Responder cannot handle a SIF_Query for a given object or SIF_ExtendedQuery for any referenced object, or that the Responder doesn't handle extended queries in general, add a SIF_Error element with the applicable SIF_Error/SIF_Category and SIF_Error/SIF_Code (object not supported, query not supported, or SIF_ExtendedQuery not supported). Place an appropriate error message in SIF_Desc and/or SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing the message.
13	Deposit the SIF_Request in the responder's queue. If the request cannot be placed into an individual agent's queue due to the agent's maximum buffer size or because the destination agent does not support the message version of the SIF_Request, it is recommended that the ZIS log the inability to deliver the request. In addition, the ZIS MUST report a SIF_LogEntry event with the appropriate error category and code, containing a copy of the SIF_Header from this message. SIF_LogEntry/SIF_Desc MUST contain the SourceId of the agent that has failed to receive the request.	
14	Return a SIF_Ack, with SIF_Status set to 0, to the caller to indicate that SIF_Request has been sent.	Stop processing the message.

Table 4.2.2.10-1: SIF\_Request Handling

#### 4.2.2.11 SIF\_Response

When receiving a SIF\_Response packet from an agent responding to a SIF\_Request, the ZIS **MUST** perform the validation protocol below.

Step	Process	Flow Control
1	Prepare a SIF_Ack.	
2	Using the supplied SIF_RequestMsgId, look up the SIF_Request that initiated this response.	Go to Step 4 if the SIF_Request is found.
3	Add a SIF_Error element to the SIF_Ack. Set SIF_Error/SIF_Category to indicate Request and Response and set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the SIF_RequestMsgId is invalid. Place SIF_RequestMsgId in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Stop processing the message.
4	Examine the SIF_MaxBufferSize specified in the SIF_Request message and compare it to the size of the SIF_Response packet.	If the SIF_Response packet is smaller than or equal to the SIF_MaxBufferSize specified in the original request, go to Step 6.
5	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate indicate Request and Response. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the SIF_MaxBufferSize is incorrect. Place a description of the SIF_MaxBufferSize and the actual size of the message received in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Go to step 13.
6	Examine the SIF_DestinationId specified in the SIF_Response and compare it to the SIF_SourceId of the original request.	If the SIF_DestinationId is correct, go to Step 8.
7	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate indicate Request and Response. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the SIF_DestinationId is incorrect. Place a description of the SIF_DestinationId specified and the SIF_DestinationId expected in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Go to step 13.
8	Examine the SIF_PacketNumber specified in the SIF_Response. If this is the first SIF_Response packet received, the SIF_PacketNumber must be set to a value of 1. Subsequent packets must be received in order with the SIF_PacketNumber set to 1 + the previous SIF_PacketNumber.	If the SIF_PacketNumber is correct, go to Step 10.
9	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate indicate Request and Response. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the SIF_PacketNumber is incorrect. Place a description of the SIF_PacketNumber specified and the SIF_PacketNumber expected in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	Go to step 13.
10	Examine the SIF_Version specified in the SIF_Response and compare it to the SIF_Versions allowed in the original request.	If the SIF version matches one of the SIF Versions requested in the SIF_Request, go to Step 12.
11	Prepare a SIF_Ack containing a SIF_Error element. Set SIF_Error/SIF_Category to indicate Request and Response. Set SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the	Go to step 13.

Step	Process	Flow Control
	SIF_Version is incorrect. Place a description of the version of the SIF_Response and versions allowed by the SIF_Request in SIF_Error/SIF_ExtendedDesc. Return the SIF_Ack to the caller.	
12	Place the SIF_Response packet in the requesting agent's queue.	Message processing is complete. Stop processing the message.
13	<p>Prepare a SIF_Response message with SIF_DestinationId set to SIF_SourceId and SIF_RequestMsgId set to SIF_MsgId from the SIF_Request message.</p> <p>Add a SIF_Error element with the SIF_Error/SIF_Category set to indicate Request and Response and SIF_Error/SIF_Code and SIF_Error/SIF_Desc to indicate the reason that the SIF_Response packet was rejected.</p> <p>Add SIF_PacketNumber with a value set to set to 1 + the previous SIF_PacketNumber and SIF_MorePackets to No.</p> <p>Return the SIF_Response to the original requester. In addition, the ZIS MUST report a SIF_LogEntry event with the appropriate error category and code, containing a copy of the SIF_Header from the request. SIF_LogEntry/SIF_ExtendedDesc should contain information about why the message failed SIF_Response validation.</p>	<p>Stop processing the message.</p> <p>The ZIS must also guarantee that no additional SIF_Response packets for this SIF_Request will be accepted. Depending on the implementation, the ZIS may need to alter the SIF_Request cache it maintains to signal that the SIF_Request is no longer valid.</p> <p>The ZIS may remove the SIF_Request from the cache as the stream is closed.</p>

Table 4.2.2.11-1: SIF\_Response Handling

#### 4.2.2.11.1 Implementation Notes

The ZIS must maintain a reliable list of all open SIF\_Requests in order to satisfy the Quality of Service validations that are applied to SIF\_Responses above. It is envisioned that once a SIF\_Response has been completed, either by receiving the last packet or by failing one of the validations applied below, knowledge of the initiating SIF\_Request will no longer need to be maintained by the ZIS. If the responding agent attempts to send any more SIF\_Responses for a failed SIF\_Request, it will automatically fail at Step 2 and get the error response specified in Step 3. Notification of the failed SIF\_Response would have already been sent to the requesting agent.

There remain three cases where a requesting agent will not receive a complete SIF\_Response for a request.

1. The responding agent never replies with a SIF\_Response.
2. The responding agent starts replying, but never finishes the SIF\_Response by sending a SIF\_Response with the SIF\_MorePackets element set to "No".
3. The responding agent attempts a reply with a SIF\_Response but the ZIS is unable to parse the message enough to read the SIF\_RequestMsgId. If this case occurs, and the responding agent sends a subsequent SIF\_Response that is parseable, it is likely that the requesting agent will be notified of the problem because subsequent SIF\_Response packets will not pass the SIF\_PacketNumber validation.

Management of the SIF\_Request

cache that is maintained by the ZIS is left up to the ZIS implementation. The ZIS is required to maintain the SIF\_Requests for a reasonable amount of time. If the ZIS eventually removes SIF\_Requests that have been cached for a long period of time, that option must be able to be configured by the ZIS administrator.

When an open request cache entry is removed by the administrator or a timeout of the record, the ZIS should publish a SIF\_LogEntry and a SIF\_Response/SIF\_Error indicating the reason it was removed.

#### 4.2.2.12 SIF\_Ping

An Agent is pinging your ZIS to see if it is reachable, "awake" and/or processing messages.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. If your ZIS is "awake," include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Otherwise you may optionally notify the Agent that your ZIS is asleep by returning a <code>SIF_Code</code> of 8 (receiver is sleeping).	
2	Return the <code>SIF_Ack</code> to the Agent.	Message processing complete (success).

Table 4.2.2.12-1: *SIF\_Ping Handling*

#### 4.2.2.13 SIF\_Sleep

The Agent wants its state changed to "asleep." Upon successful state change, your ZIS **SHOULD** avoid sending messages to a Push-Mode Agent until receipt of a `SIF_Wakeup` message or that Agent re-registers, or be prepared to handle transport errors or the aforementioned acknowledgement. Whether the Agent is registered in Push or Pull mode, this state is communicated to other Agents in `SIF_ZoneStatus` and **MUST** be persisted accordingly. In addition to sending a `SIF_Wakeup` or `SIF_Register`, a Pull-Mode Agent can also change its state to "awake" by sending a `SIF_GetMessage`.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Change the state of the Agent to "asleep."	
2	Return the <code>SIF_Ack</code> to the Agent.	Message processing complete (success).

Table 4.2.2.13-1: *SIF\_Sleep Handling*

#### 4.2.2.14 SIF\_Wakeup

An Agent wants its state changed to "awake," notifying the ZIS and other Agents of the state change. A ZIS **MUST** persist this state in order to communicate it to other Agents via `SIF_ZoneStatus`. When a Push-Mode Agent changes its state to "awake," the ZIS may also resume delivery of queued messages to the Agent.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Change the Agent's state to "awake."	
2	Return the <code>SIF_Ack</code> to the Agent.	Message processing complete (success).

Table 4.2.2.14-1: *SIF\_Wakeup Handling*

#### 4.2.2.15 SIF\_GetZoneStatus

An Agent is requesting the status of the zone.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Reflect the current state of the zone in <code>SIF_Status/SIF_Data/SIF_ZoneStatus</code> .	
2	Return the <code>SIF_Ack</code> to the Agent.	Message processing complete (success).

Table 4.2.2.15-1: SIF\_GetZoneStatus Handling

#### 4.2.2.16 SIF\_GetAgentACL

An Agent is requesting its access control permissions.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Communicate the Agent's ACL permissions in <code>SIF_Status/SIF_Data/SIF_AgentACL</code> .	
2	Return the <code>SIF_Ack</code> to the Agent.	Message processing complete (success).

Table 4.2.2.16-1: SIF\_GetZoneStatus Handling

#### 4.2.2.17 SIF\_CancelRequests

If an Agent abandons or restarts a data collection using `SIF_Requests`, whether or not the response stream has started, it is **RECOMMENDED** that it send one or more `SIF_CancelRequests` messages to the ZIS. Upon receipt of the `SIF_CancelRequests` message, the ZIS deletes corresponding `SIF_Request` messages from Agent queues and deletes its own state/tracking information regarding each request. Doing the latter ensures that if a Responder is still processing a request, the ZIS effectively ends the response stream upon receipt of the next `SIF_Response` packet by returning a `SIF_Error` with a `SIF_Category` of 8 (Request and Response Error) and a `SIF_Code` of 10 (invalid `SIF_RequestMsgId` specified in `SIF_Response`). No changes to responding Agent behaviors are required as all agents in the SIF 2.x lifecycle have the capability to handle this error state.

When cancelling `SIF_Requests`, the ZIS also has the ability to send a `SIF_CancelRequests` message to Push-Mode Agents. Pull-Mode Responders cannot receive these messages, but any pending response handling is cancelled per the ZIS behavior above. When dealing with Push-Mode Agents, ZIS implementations must bear in mind that support for this message is optional for Push-Mode Agents.

When a cancelling Agent specifies a `NotificationType` of `Standard`, it is the responsibility of the ZIS to end the response stream to the requesting Agent by sending a `SIF_Response` packet with a `SIF_MorePackets` of `No` on the Responder's behalf.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. Include a <code>SIF_Status</code> element with a <code>SIF_Code</code> of 0 (success). Return the <code>SIF_Ack</code> to the Agent. (There are no error return values that apply to this message.)	Go to Step 2.
2	For each <code>SIF_RequestMsgId</code> element, perform the following steps.	If all <code>SIF_RequestMsgId</code> elements have been processed, processing is complete.
3	Using the supplied <code>SIF_RequestMsgId</code> , look up the <code>SIF_Request</code> that initiated this response.	Go to Step 2 if the <code>SIF_Request</code> is not found, or has already been completed with a "final" <code>SIF_Response</code> packet ( <code>SIF_MorePackets = No</code> ).
4	Examine the <code>SIF_SourceId</code> specified in the <code>SIF_Request</code> message and compare it to the <code>SIF_SourceId</code> in the <code>SIF_SystemControl</code> message.	If the <code>SIF_SourceId</code> is not the same, go to Step 2.
5	Close out the <code>SIF_Request</code> tracking state for the request so that no further tracking is performed.	
6	If the responding Agent has already received the request and is running in Push mode, send a <code>SIF_CancelRequests</code> message to that Agent. (Note: This could also be accomplished by packaging up all <code>SIF_RequestMsgIds</code> that apply to the same responding Agent and sending a single <code>SIF_CancelRequests</code> message.)	
7	Examine the value of <code>SIF_NotificationType</code> .	If set to <code>Standard</code> , go to Step 8. If set to <code>None</code> , go to Step 10.
8	Prepare a <code>SIF_Response</code> message with <code>SIF_DestinationId</code> set to <code>SIF_SourceId</code> and <code>SIF_RequestMsgId</code> set to <code>SIF_MsgId</code> from the <code>SIF_Request</code> message.	
9	Add a <code>SIF_Error</code> element with the <code>SIF_Category</code> set to indicate Request and Response, with <code>SIF_Code</code> and <code>SIF_Desc</code> indicating 18 ( <code>SIF_Request</code> cancelled by requesting agent).  Add <code>SIF_PacketNumber</code> with a value set to the previous <code>SIF_PacketNumber</code> + 1. Set <code>SIF_MorePackets</code> to <code>No</code> .  Place the <code>SIF_Response</code> in the requester's queue.	
10	Determine if there are any more <code>SIF_RequestMsgId</code> elements left to process.	Go to Step 2 if there are more <code>SIF_RequestMsgId</code> elements, otherwise processing is complete.

Table 4.2.2.17-1: `SIF_CancelRequests` Handling

#### 4.2.2.18 `SIF_GetMessage`

A Pull-Mode Agent is requesting the next message in its queue.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone	

Step	Process	Flow Control
	ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply. Place the incoming <code>SIF_Header/SIF_SourceId</code> and <code>SIF_Header/SIF_MsgId</code> in <code>SIF_OriginalSourceId</code> and <code>SIF_OriginalMsgId</code> , respectively. If the Agent sending <code>SIF_GetMessage</code> is registered as a Pull-Mode Agent, go to step 3.	
2	The Agent is a Push-Mode Agent and is not allowed to send <code>SIF_GetMessage</code> . Include a <code>SIF_Error/SIF_Category</code> of 5 (Registration) and a <code>SIF_Error/SIF_Code</code> of 9 (Agent is registered in Push mode). Populate <code>SIF_Desc</code> and optionally <code>SIF_ExtendedDesc</code> as desired. Return the <code>SIF_Ack</code> to the Agent.	Message processing complete.
3	If the recorded state of the Pull-Mode Agent is "asleep," change that state to "awake." Is there a message available in the Agent's message queue, subject to Selective Message Blocking? If yes, go to step 5.	
4	There is no message currently available for the Agent. Include a <code>SIF_Status/SIF_Code</code> of 9 (no messages available). Return the <code>SIF_Ack</code> to the Agent.	Message processing complete.
5	The next available message in the Agent's queue, subject to Selective Message Blocking, can be delivered (it will be removed from the queue later per successful handling of a <code>SIF_Ack</code> from the Pull-Mode Agent). If <code>SIF_Security</code> is specified on the message and the connection from the Pull-Mode Agent does not meet the specified minimum encryption and/or authentication levels, or if the connection does not meet minimum encryption/authentication levels in the Zone, remove the message from the Agent's queue and return an appropriate <code>SIF_Error</code> . Otherwise include a <code>SIF_Status/SIF_Code</code> of 0 (success) and place the message in <code>SIF_Status/SIF_Data</code> .	Message processing complete.

Table 4.2.2.18-1: `SIF_GetMessage` Handling

#### 4.2.2.19 `SIF_Ack` (from a Push-Mode Agent)

A Push-Mode Agent is sending a final `SIF_Ack` to end Selective Message Blocking (SMB).

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply.	
2	Is <code>SIF_Status/SIF_Code</code> 3 (final <code>SIF_Ack</code> )?	If yes, go to Step 3.
2	The Agent has violated protocol. End SMB if it has been invoked by the Agent and remove the blocked <code>SIF_Event</code> from the Agent's queue. Indicate <code>SIF_Error/SIF_Category</code> of 13 (SMB Error) and <code>SIF_Error/SIF_Code</code> 3 (final <code>SIF_Ack</code> expected).  It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MAY</b> post a <code>SIF_LogEntry</code> Add event with the same error category and code above, containing a copy of the <code>SIF_Header</code> of the message.	Return the <code>SIF_Ack</code> to the Agent. Message handling complete (error).
3	Does <code>SIF_OriginalMsgId</code> match the <code>SIF_MsgId</code> for the <code>SIF_Event</code> that was blocked in SMB, if any?	If yes, go to Step 5.
4	The Agent has violated protocol. As there can be only one event blocked by SMB, end SMB for the agent and remove the blocked <code>SIF_Event</code> from the Agent's queue, if any. Indicate <code>SIF_Error/SIF_Category</code> of 13 (SMB Error) and <code>SIF_Error/SIF_Code</code> 4 (incorrect <code>SIF_MsgId</code> in final <code>SIF_Ack</code> ).  It is <b>RECOMMENDED</b> that your ZIS log the error. Your ZIS <b>MAY</b> post a <code>SIF_LogEntry</code>	Return the <code>SIF_Ack</code> to the Agent. Message handling complete (error).

Step	Process	Flow Control
	Add event with the same error category and code above, containing a copy of the <code>SIF_Header</code> of the message.	
5	SMB has been ended by the Agent. Removed the blocked <code>SIF_Event</code> from the Agent's queue. Place 0 in <code>SIF_Status/SIF_Code</code> .	Return the <code>SIF_Ack</code> to the Agent. Message handling complete (success).

Table 4.2.2.19-1: `SIF_Ack` Handling

#### 4.2.2.20 `SIF_Ack` (from a Pull-Mode Agent)

A Pull-Mode Agent is acknowledging a message it has retrieved using `SIF_GetMessage`. This typically leads to the message in question being removed from the Agent's queue. The Agent may also invoke Selective Message Blocking when acknowledging an event, blocking delivery of subsequent `SIF_Events` until Selective Message Blocking is ended by the Agent.

Step	Process	Flow Control
1	Prepare a <code>SIF_Ack</code> message with <code>SIF_Header</code> containing a new GUID in <code>SIF_MsgId</code> , your Zone ID in <code>SIF_SourceId</code> and the current time in <code>SIF_Timestamp</code> ; other <code>SIF_Header</code> elements do not apply.	
2	Is <code>SIF_Error</code> present?	If yes, go to Step 14.
3	Is <code>SIF_Status/SIF_Code</code> 1 (immediate <code>SIF_Ack</code> )?	If no, go to Step 5.
4	If no message matches <code>SIF_OriginalMsgId</code> , set <code>SIF_Error/SIF_Category</code> to 12 (Generic Message Handling) and <code>SIF_Error/SIF_Code</code> to 6 (no such message). Otherwise remove the identified message from the Agent's queue and set <code>SIF_Status/SIF_Code</code> to 0.	Return <code>SIF_Ack</code> . Message handling complete.
5	Is <code>SIF_Status/SIF_Code</code> 2 (intermediate <code>SIF_Ack</code> )?	If no, go to Step 7.
6	If no message matches <code>SIF_OriginalMsgId</code> , set <code>SIF_Error/SIF_Category</code> to 12 (Generic Message Handling) and <code>SIF_Error/SIF_Code</code> to 6 (no such message). If the message identified is not a <code>SIF_Event</code> , set <code>SIF_Category</code> to 13 (SMB Error) and <code>SIF_Code</code> to 2 (SMB can only be invoked on a <code>SIF_Event</code> ). Otherwise invoke SMB on the identified <code>SIF_Event</code> , persisting <code>SIF_OriginalMsgId</code> , and set <code>SIF_Status/SIF_Code</code> to 0. This event is blocked and all <code>SIF_Events</code> are frozen.	Return <code>SIF_Ack</code> . Message handling complete.
7	Is <code>SIF_Status/SIF_Code</code> 3 (final <code>SIF_Ack</code> )?	If no, go to Step 9.
8	If SMB has not been invoked or the message identified by <code>SIF_OriginalMsgId</code> doesn't exist or doesn't match the <code>SIF_Event</code> blocked by SMB, set <code>SIF_Error/SIF_Category</code> to 13 (SMB Error) and <code>SIF_Error/SIF_Code</code> to 4 (incorrect <code>SIF_MsgId</code> in final <code>SIF_Ack</code> ). (In the case of SMB having been invoked but the message not matching, end SMB, remove the message blocked by SMB from the Agent's queue and unfreeze delivery of events.) Otherwise end SMB, remove the identified message from the Agent's queue and unfreeze delivery of events. Set <code>SIF_Status/SIF_Code</code> to 0.	Return <code>SIF_Ack</code> . Message handling complete.
9	Is <code>SIF_Status/SIF_Code</code> 7 (already have this <code>SIF_MsgId</code> from you)?	If no, go to Step 11.
10	The ZIS cannot correct this, as the <code>SIF_MsgId</code> originates from an Agent and can't be changed without other repercussions. Remove the message from the Agent's queue. Set <code>SIF_Status/SIF_Code</code> to 0.	Return <code>SIF_Ack</code> . Message handling complete.



Step	Process	Flow Control
		handling complete.
11	Is SIF_Status/SIF_Code 8 (receiver is sleeping)?	If no, go to Step 13.
12	The Agent is stating it cannot process the message at this time; leave it as the next message to be delivered. Set SIF_Status/SIF_Code to 0.	Return SIF_Ack. Message handling complete.
13	The Agent has violated protocol. Indicate SIF_Error/SIF_Category of 12 (Generic Message Handling Error) and SIF_Error/SIF_Code 5 (protocol error). of the message.	Return SIF_Ack. Message handling complete.
14	The Agent has indicated a SIF_Error condition. See Error Codes with SIF_Category and SIF_Code, and examine SIF_Desc and SIF_ExtendedDesc, if included. If SIF_Category does not indicate a transport error, remove the message from the Agent's queue. Otherwise it remains the next message to be delivered. Set SIF_Status/SIF_Code to 0.	Return SIF_Ack. Message handling complete.

Table 4.2.2.20-1: SIF\_Ack Handling

# 5 Infrastructure

This section presents the XML structure for Infrastructure common elements, messages and objects in a tabular format for readers less versed in parsing formal XML schema definitions.

The Char(acteristics) column for all of the tables in this section use the following codes:

Code	Characteristic
M	Mandatory element or attribute
O	Optional element or attribute
C	Conditional element or attribute
MR	Mandatory and repeatable element
OR	Optional and repeatable element
CR	Conditional and repeatable element

Mandatory elements and attributes **MUST**

be provided in the Infrastructure messages in which they appear. Infrastructure data objects (`SIF_ZoneStatus`, `SIF_AgentACL`) can be subject to SIF's request/response and event models; when impacted by these models (in a `SIF_Event` or in a `SIF_Response`), these objects follow the same conventions as listed in [Data Model](#).

## 5.1 Common Elements

### 5.1.1 SIF\_Message

The `SIF_Message` element is the root element of all SIF messages.

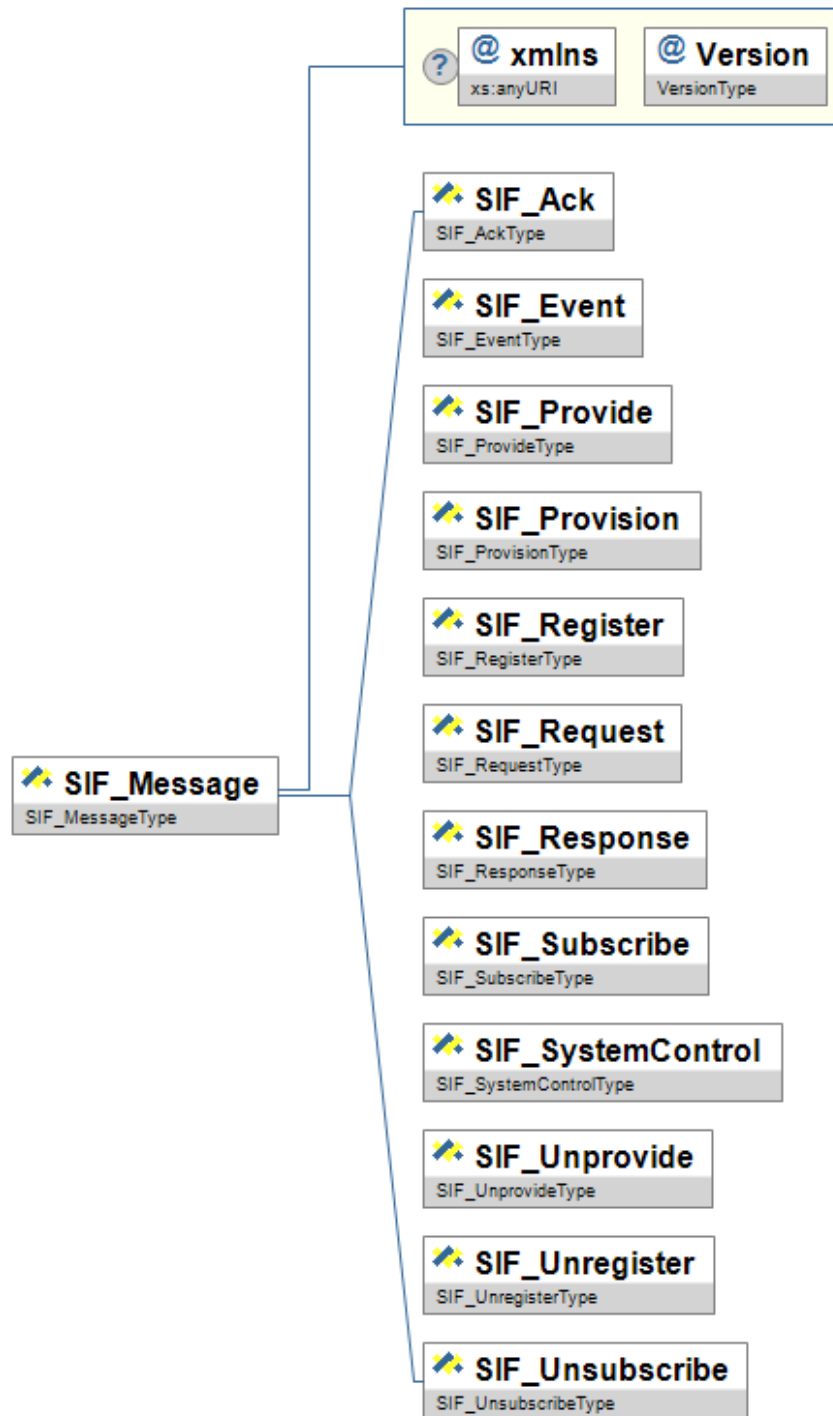


Figure 5.1.1-1: SIF\_Message

Element/@Attribute	Char	Description	Type
SIF_Message		Contains one of the SIF message types.	<b>choice of:</b> SIF_Ack SIF_Event SIF_Provide SIF_Provision SIF_Register SIF_Request SIF_Response SIF_Subscribe SIF_SystemControl SIF_Unprovide SIF_Unregister SIF_Unsubscribe

Element/@Attribute	Char	Description	Type
@ xmlns	C	<p>The xmlns attribute specifies the XML namespace for SIF messages. For this version of the specification, the value of this attribute <b>MUST</b> be <code>http://www.sifinfo.org/uk/infrastructure/2.x</code>. This XML namespace value will remain the same until the next major release of SIF (3.0).</p> <p>Note that one <code>SIF_Message</code> may be contained within another when a ZIS delivers a Pull-Mode Agent's next message in a <code>SIF_Ack</code> response to a <code>SIF_GetMessage</code> from the Pull-Mode Agent. If the default namespace specified for the child <code>SIF_Message</code> is the same as the default namespace of the parent <code>SIF_Message</code>, the <code>xmlns</code> attribute for the child message <b>MAY</b> be omitted.</p>	<code>xs:anyURI</code>
@ Version	M	<p>The version of the SIF Implementation Specification that defines this message's XML structure. For this version of the specification, the value of this attribute is <code>2.1</code>. This attribute can be used by ZIS and agent implementations to choose schema files to validate the message's XML.</p>	<code>VersionType</code>

Table 5.1.1-1: `SIF_Message`

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  ...
</SIF_Message>
```

Example 5.1.1-2: `SIF_Message`

## 5.1.2 SIF\_Header

`SIF_Header` is a common message header for all SIF messages.

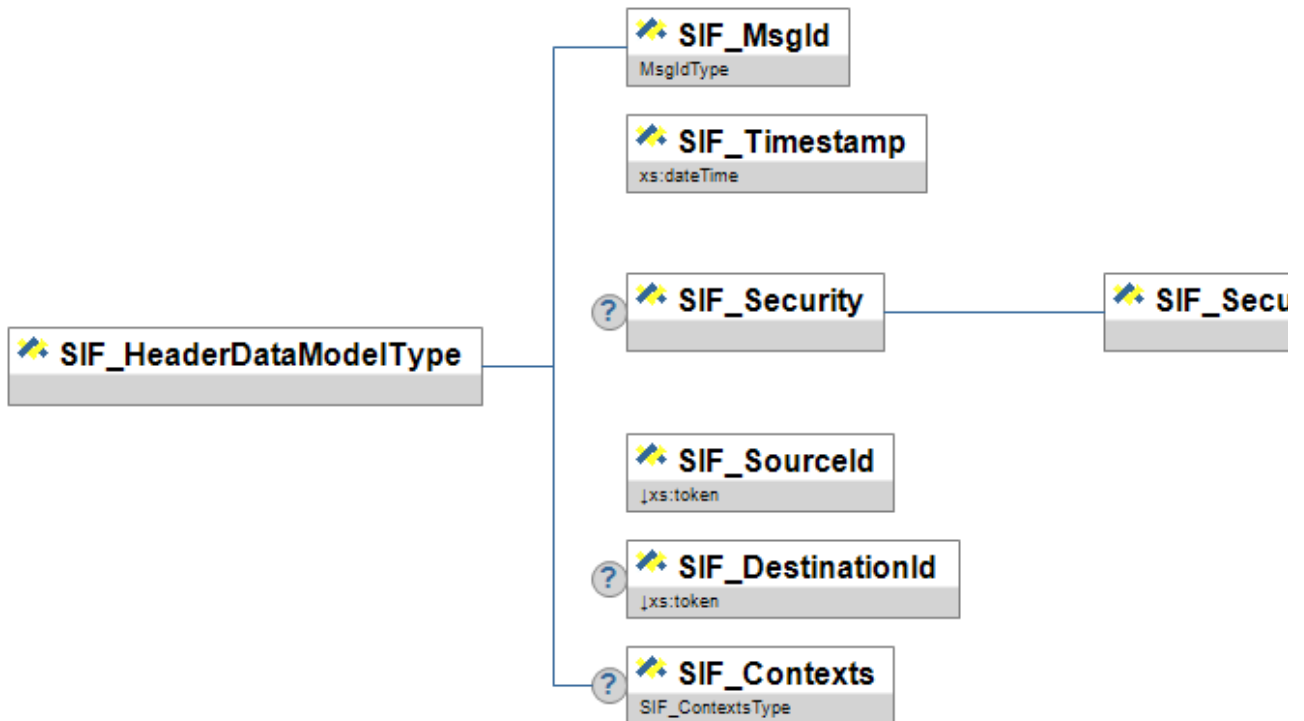


Figure 5.1.2-1: SIF\_Header

Element/@Attribute	Char	Description	Type
<b>SIF_Header</b>	M	Header information associated with a message.	
SIF_MsgId	M	SIF_MsgId is a globally unique message identifier from the Agent or ZIS that sends out the message.	MsgIdType
SIF_Timestamp	M	Timestamp of when the message was sent.	xs:dateTime
SIF_Security	O	This element allows an originating agent to specify security requirements that the ZIS must ensure upon delivery of the message to recipient agents. SIF_Security is only examined and processed by a ZIS on SIF_Request, SIF_Response and SIF_Event messages. In this version of the specification, SIF_Security is ignored on all other messages; its use on other messages is reserved for future versions of this specification.	
SIF_Security/SIF_SecureChannel	M	The originating agent uses this element to specify security requirements for the channel between the ZIS and any recipient agents at delivery time. The ZIS must ensure these requirements are met for this message when delivered to other agents.	

Element/@Attribute	Char	Description	Type
SIF_Security/SIF_SecureChannel/SIF_AuthenticationLevel	M	The minimum level of authentication required by the message originator to be considered a secure channel upon message delivery to other agents.	SIF_AuthenticationLevel
SIF_Security/SIF_SecureChannel/SIF_EncryptionLevel	M	The minimum level of encryption required by the message originator to be considered a secure channel upon message delivery to other agents.	SIF_EncryptionLevel
SIF_SourceId	M	The SIF_SourceId is the ID of the originator of the message. Each source needs to have a zone unique case-sensitive identifier.	xs:token xs:maxLength 64
SIF_DestinationId	C	<p>This element represents the ID of the recipient of the message and may be present as follows:</p> <p>SIF_Response messages <b>MUST</b> have this element set to the SIF_SourceId of the originator of the SIF_Request message. The ZIS will use this information to route the SIF_Response to the requesting agent.</p> <p>SIF_Request messages <b>MAY</b> have this element set to the ID of a specific agent if the requesting agent wishes to direct the SIF_Request to a specific responder. If present, the ZIS will route the SIF_Request to the agent referenced in the element subject to the access control policies in effect for the zone.</p> <p>This element <b>SHOULD NOT</b> be used in any other SIF Infrastructure messages. If the element is present, it will be ignored by the ZIS.</p>	xs:token xs:maxLength 64
SIF_Contexts	O	Contains each SIF Context that applies to the message. If omitted, the applicable context is SIF_Default. SIF_Context is repeatable for SIF_Events, not repeatable for SIF_Request or SIF_Response.	SIF_Contexts

Table 5.1.2-1: SIF\_Header

```
<SIF_Header>
  <SIF_MsgId>A3E90785EFDA330DACB00785EFDA330D</SIF_MsgId>
  <SIF_Timestamp>2006-02-18T14:30:00-05:00</SIF_Timestamp>
  <SIF_SourceId>RamseySIS</SIF_SourceId>
</SIF_Header>
```

Example 5.1.2-1: SIF\_Header

```

<SIF_Header>
  <SIF_MsgId>A3E90785EFDA330DACB00785EFDA330E</SIF_MsgId>
  <SIF_Timestamp>2006-03-11T08:39:49-08:00</SIF_Timestamp>
  <SIF_Security>
    <SIF_SecureChannel>
      <SIF_AuthenticationLevel>3</SIF_AuthenticationLevel>
      <SIF_EncryptionLevel>4</SIF_EncryptionLevel>
    </SIF_SecureChannel>
  </SIF_Security>
  <SIF_SourceId>RamseyLIB</SIF_SourceId>
  <SIF_DestinationId>RamseySIS</SIF_DestinationId>
</SIF_Header>

```

Example 5.1.2-2: SIF\_Header

### 5.1.3 SIF\_EncryptionLevel

The minimum level of encryption required by the message originator to be considered a secure channel upon message delivery to other agents.

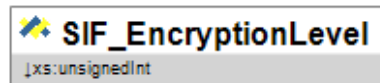


Figure 5.1.3-1: SIF\_EncryptionLevel

Element/@Attribute	Char	Description	Type
SIF_EncryptionLevel		The minimum level of encryption required by the message originator to be considered a secure channel upon message delivery to other agents.	<b>values:</b> 0 No encryption required 1 Symmetric key length of at least 40 bits is to be used 2 Symmetric key length of at least 56 bits is to be used 3 Symmetric key length of at least 80 bits is to be used 4 Symmetric key length of at least 128 bits is to be used

Table 5.1.3-1: SIF\_EncryptionLevel

### 5.1.4 SIF\_AuthenticationLevel

The minimum level of authentication required by the message originator to be considered a secure channel upon message delivery to other agents.

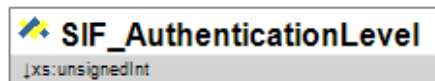


Figure 5.1.4-1: SIF\_AuthenticationLevel

Element/@Attribute	Char	Description	Type
<b>SIF_AuthenticationLevel</b>		The minimum level of authentication required by the message originator to be considered a secure channel upon message delivery to other agents.	<b>values:</b> 0 No authentication required and a valid certificate does not need to be presented. 1 A valid certificate must be presented. 2 A valid certificate from a trusted certificate authority must be presented. 3 A valid certificate from a trusted certificate authority must be presented and the CN field of the certificate's Subject entry must match the host sending the certificate.

Table 5.1.4-1: SIF\_AuthenticationLevel

## 5.1.5 SIF\_Contexts

A list of SIF contexts that applies to a message or operation. Typically where used as an optional element, the omission of this element implies the SIF\_Default context applies.



Figure 5.1.5-1: SIF\_Contexts

Element/@Attribute	Char	Description	Type
<b>SIF_Contexts</b>		A list of SIF contexts that applies to a message or operation. Typically where used as an optional element, the omission of this element implies the SIF_Default context applies.	List
SIF_Context	MR		SIF_Context

Table 5.1.5-1: SIF\_Contexts

## 5.1.6 SIF\_Context

The name of a SIF Context that applies to a message or operation.



Figure 5.1.6-1: SIF\_Context

Element/@Attribute	Char	Description	Type
<b>SIF_Context</b>		The name of a SIF Context that applies to a message or operation.	xs:token xs:maxLength 64



### 5.1.7 SIF\_Protocol

Contains protocol information regarding a ZIS or Agent.

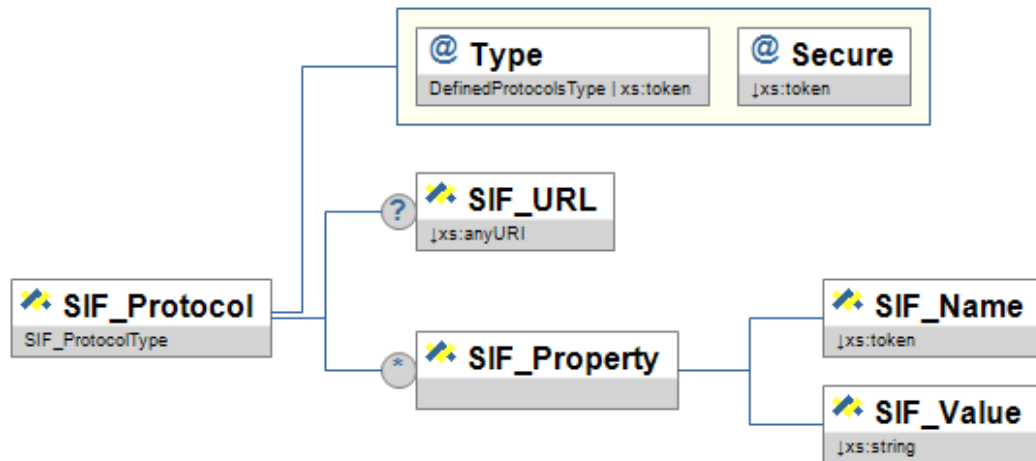


Figure 5.1.7-1: SIF\_Protocol

Element/@Attribute	Char	Description	Type
<b>SIF_Protocol</b>	C	Contains protocol information regarding a ZIS or Agent.	
@ Type	M	The type of protocol to use (HTTPS, HTTP or an implementation-defined protocol).	<b>union of:</b> DefinedProtocolsType xs:token
@ Secure	M	Whether the protocol provides a secure channel.	<b>values:</b> Yes No
SIF_URL	C	This element is required if the protocol is HTTPS or HTTP. It contains the https or http URL for contacting the agent.	xs:anyURI <input type="text" value="xs:maxLength 256"/>
SIF_Property	OR	May contain zero or more SIF_Property elements containing SIF_Name/SIF_Value pairs describing any protocol settings required to ensure proper communication.	
SIF_Property/SIF_Name	M	Property name.	xs:token <input type="text" value="xs:maxLength 64"/>
SIF_Property/SIF_Value	M	Property value.	xs:string

Element/@Attribute	Char	Description	Type
			xs:maxLength 256

Table 5.1.7-1: SIF\_Protocol

## 5.1.8 SIF\_Status

This element is used to signal a successful response.

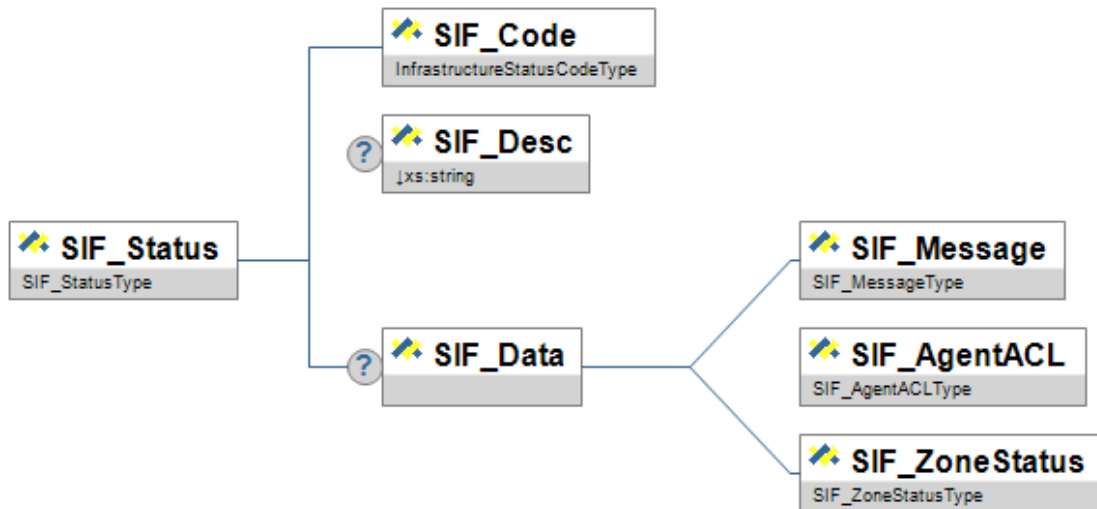


Figure 5.1.8-1: SIF\_Status

Element/@Attribute	Char	Description	Type
<b>SIF_Status</b>		This element is used to signal a successful response.	
SIF_Code	M		InfrastructureStatusCodeType
SIF_Desc	O	An optional textual description/equivalent of SIF_Code.	xs:string xs:maxLength 1024
SIF_Data	O	Optional element to hold data related to a successful operation. This data is currently limited to a SIF_Message returned by the ZIS in response to a Pull-Mode Agent's SIF_GetMessage, SIF_AgentACL returned by the ZIS in response to SIF_Register and SIF_GetAgentACL, and SIF_ZoneStatus returned by the ZIS in response to SIF_GetZoneStatus.	<b>choice of:</b> SIF_Message SIF_AgentACL SIF_ZoneStatus

Table 5.1.8-1: SIF\_Status

## 5.1.9 SIF\_Error

This element is used to signal an unsuccessful response.

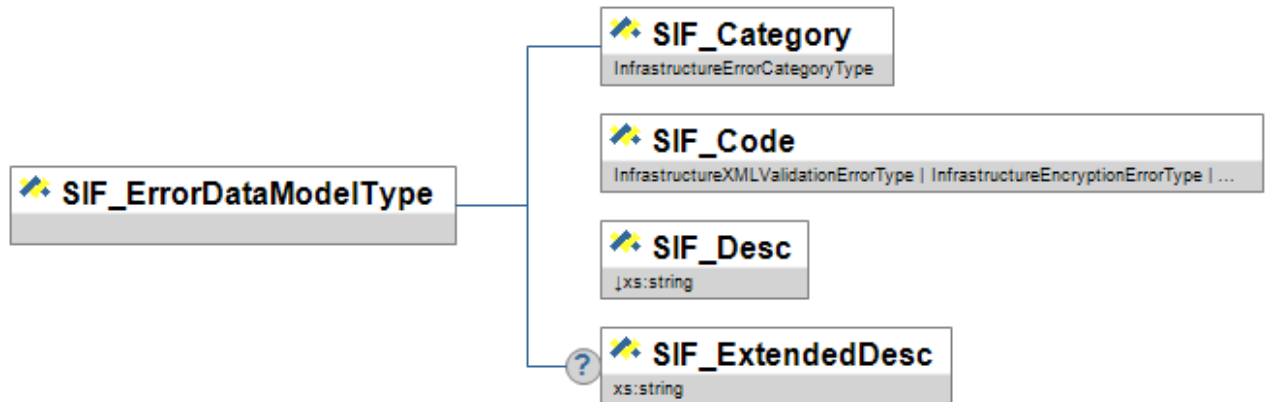


Figure 5.1.9-1: SIF\_Error

Element/@Attribute	Char	Description	Type		
<b>SIF_Error</b>		This element is used to signal an unsuccessful response.			
SIF_Category	M		InfrastructureErrorCategoryType		
SIF_Code	M	See <a href="#">Error Codes</a> .	<b>union of:</b> InfrastructureXMLValidationErrorType InfrastructureEncryptionErrorType InfrastructureAuthenticationErrorType InfrastructureAccessAndPermissionErrorType InfrastructureRegistrationErrorType InfrastructureProvisionErrorType InfrastructureSubscriptionErrorType InfrastructureRequestAndResponseErrorType InfrastructureEventReportingAndProcessingErrorType InfrastructureTransportErrorType InfrastructureSystemErrorType InfrastructureGenericMessageHandlingErrorType xs:token		
SIF_Desc	M	A simple, easy to understand, description of the error. The primary consumer of this message is the application user. Example: "Unable to open database."	xs:string <table border="1" style="margin-left: 20px;"><tr><td>xs:maxLength</td><td>1024</td></tr></table>	xs:maxLength	1024
xs:maxLength	1024				
SIF_ExtendedDesc	O	An optional error description that is more complete and technical in nature. It is to be used as a diagnostic message in trouble-shooting procedures. Example: "The 'Students' table is opened in exclusive mode by user 'ADM1' (dbm.cpp, line 300)."	xs:string		

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Table 5.1.9-1: SIF\_Error

### 5.1.10 SIF\_Query

SIF's default query mechanism.

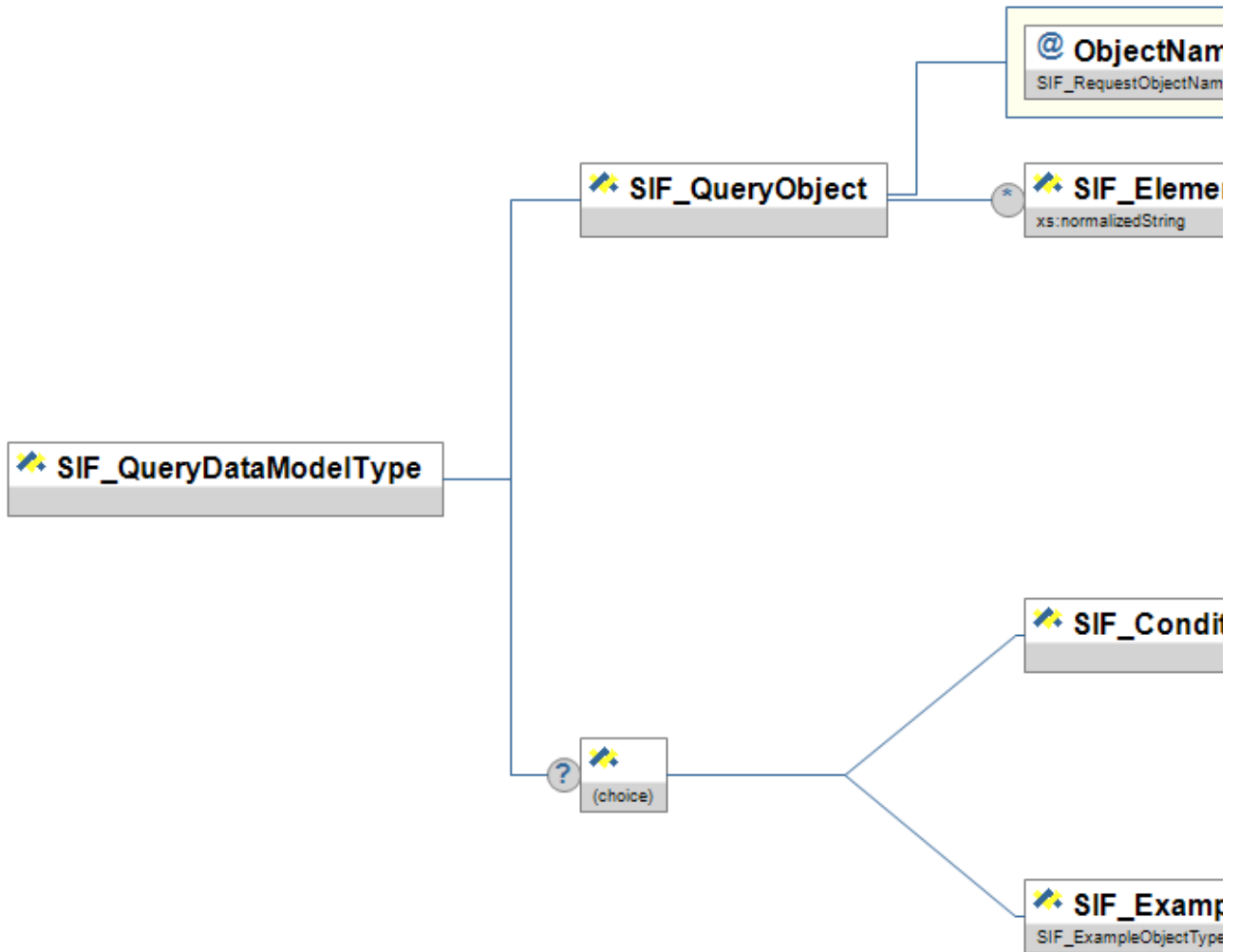


Figure 5.1.10-1: SIF\_Query

Element/@Attribute	Char	Description	Type
<b>SIF_Query</b>		SIF's default query mechanism.	
SIF_QueryObject	M	This is the object that is being queried for.	
@ ObjectName	M	The actual name of the object that is being queried for.	SIF_RequestObjectNamesType

Element/@Attribute	Char	Description	Type
SIF_QueryObject/SIF_Element	OR	<p>Individual elements/attributes being requested of matching object. See <a href="#">SIF_Element Syntax</a> below. If specified, only the elements/attributes requested are returned in the SIF_Response (with any parent elements/attributes); otherwise, all elements supported by the provider's object are returned.</p> <p>Note that this is a means to filter or select a subset of elements/attributes from a matching object; specifying elements/attributes here that do not occur in or are not supported in a matching object does not exclude that matching object from being returned. Include any existing parent elements/attributes of the elements/attributes that are requested but not present.</p>	xs:normalizedString
SIF_ConditionGroup	C	<p>Either SIF_ConditionGroup or SIF_Example may optionally be specified to present conditions matching objects should satisfy.</p> <p>SIF_ConditionGroup represents the conditions that the queried object(s) must meet. If conditions are specified, only those objects that meet the conditions are returned; otherwise, all objects of the specified name are returned.</p>	
@ Type	M	<p>The Boolean operator for joining conditions (SIF_Conditions elements) within this element. Note that None should be used if there is only one SIF_Conditions element.</p>	<p><b>values:</b></p> <p>And Or None</p>
SIF_ConditionGroup/SIF_Conditions	MR	<p>This construct allows for nested conditions.</p>	
@ Type	M	<p>The boolean operator for joining conditions (SIF_Condition elements) within this element. Note that None should be used if there is only one SIF_Condition element.</p>	<p><b>values:</b></p> <p>And Or None</p>
SIF_ConditionGroup/SIF_Conditions/SIF_Condition	MR	<p>This element represents an individual condition.</p>	

Element/@Attribute	Char	Description	Type
SIF_ConditionGroup/SIF_Conditions/ SIF_Condition/SIF_Element	M	This is the element/attribute being queried. See below for syntax.	xs:normalizedString
SIF_ConditionGroup/SIF_Conditions/ SIF_Condition/SIF_Operator	M	The comparison operator for the condition.	<b>values:</b> EQ Equals LT Less Than GT Greater Than LE Less Than Or Equals GE Greater Than Or Equals NE Not Equals
SIF_ConditionGroup/SIF_Conditions/ SIF_Condition/SIF_Value	M	SIF_Value is the data that is used to compare with the value of the element or attribute.	xs:string
SIF_Example	C	An example SIF object that serves as a template for matching objects. There is an implied EQ operator for every element/attribute value present and an implied And group of all resulting conditions. Currently this is an experimental feature and limited to use with select objects; wider use may be considered in future versions of this specification.	SIF_ExampleObjectType

Table 5.1.10-1: SIF\_Query

### 5.1.10.1 SIF\_ConditionGroup

The SIF\_Query element may have a SIF\_ConditionGroup element that may have one or more SIF\_Conditions elements. A SIF\_Conditions element may contain one or more SIF\_Condition elements. Each SIF\_Condition element defines a search criterion, which contains the following sub-elements.

```
<SIF_ConditionGroup Type="None">
  <SIF_Conditions Type="None">
    <SIF_Condition>
      <SIF_Element>@LearnerPersonalRefId</SIF_Element>
      <SIF_Operator>EQ</SIF_Operator>
      <SIF_Value>9B004AC4F51E4867A2B3B4ED92F46DAE</SIF_Value>
    </SIF_Condition>
  </SIF_Conditions>
</SIF_ConditionGroup>
```

Example 5.1.10.1-1

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Request>
    <SIF_Header>
      <SIF_MsgId>A3E90785EFDA330DACB00785EFDA330D</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_Version>2.*</SIF_Version>
    <SIF_MaxBufferSize>1048576</SIF_MaxBufferSize>
    <SIF_Query>
      <SIF_QueryObject ObjectName="LearnerPersonal" />
      <SIF_ConditionGroup Type="None">
        <SIF_Conditions Type="None">
          <SIF_Condition>
            <SIF_Element>PersonalInformation/Name/FamilyName</SIF_Element>
            <SIF_Operator>EQ</SIF_Operator>
            <SIF_Value>Smith</SIF_Value>
          </SIF_Condition>
        </SIF_Conditions>
      </SIF_ConditionGroup>
    </SIF_Query>
  </SIF_Request>
</SIF_Message>

```

*Example 5.1.10.1-2: SIF\_ConditionGroup querying into an object*

### 5.1.10.2 SIF\_Element Syntax

To reference individual elements/attributes in query criteria for objects, and in lists of individual elements/attributes to be returned from matching objects, SIF defines a path syntax which is based on a small subset of [XPath], for use in SIF\_Element. Elements are specified by name (e.g. Name) and attributes are specified by name, prefixed with @ (e.g. @Type). Namespace prefixes may precede element/attribute names as necessary (e.g. @xml:lang) and reference the current prefix-to-namespace mappings within the XML of the request. To reference child elements or attributes of child elements, a path notation is used where each element/attribute in the path is separated by / (e.g.

PersonalInformation/Name/GivenName, PersonalInformation/Name/@Type). The object's element is the root element and is not included when referencing child elements (e.g. PersonalInformation/Name/FirstName, not LearnerPersonal/PersonalInformation/Name/GivenName); no / is required when referencing attributes of the object itself (e.g. @RefId, not LearnerPersonal/@RefId).

SIF\_Condition/SIF\_Element may also contain XPath predicates (e.g. [@Type='R']) to allow for more precise matching, especially with regard to repeatable elements with "key" attributes. The following SIF\_Condition would match object with any GivenName of Cameron:

```

<SIF_Condition>
  <SIF_Element>PersonalInformation/Name/GivenName</SIF_Element>
  <SIF_Operator>EQ</SIF_Operator>
  <SIF_Value>Cameron</SIF_Value>
</SIF_Condition>

```

*Example 5.1.10.2-1*

Using a predicate allows the requester to specifically query the person's name of record (R) vs. his/her previous, professional, current legal name, etc.

```

<SIF_Condition>
  <SIF_Element>PersonalInformation/Name[@Type='R']/GivenName</SIF_Element>
  <SIF_Operator>EQ</SIF_Operator>
  <SIF_Value>Cameron</SIF_Value>
</SIF_Condition>

```

*Example 5.1.10.2-2*

Predicate expressions supported in SIF are limited to or, and, =, element/attribute names with optional prefixes and accessing nested elements/attributes using /.

## 5.1.11 SIF\_ExtendedQuery

SIF's default query mechanism for SIF\_Request, SIF\_Query, has several limitations that limit its usefulness when

creating reporting applications that process data from a SIF zone. `SIF_Query` is limited to matching only one object type per query, requiring applications to manually join together results as needed for reporting and general data processing. `SIF_ExtendedQuery` is designed to allow for joins on object identifiers/RefIds and to allow retrieval of data in a row/column fashion similar to SQL. Each returned column may contain hierarchical XML elements/objects. Providers and Responders in a Zone may support `SIF_ExtendedQuery` in addition to `SIF_Query`. Support for `SIF_ExtendedQuery` can be declared in and retrieved from the Zone is various Infrastructure messages and objects.

Note that matching rows are generated solely based on the `SIF_From` clause, with optional join criteria, optionally limited/filtered by the `SIF_Where` clause. If a repeatable element is requested as a column in `SIF_Select`, this does not generate multiple rows for each occurrence of matching elements; all elements are returned in the corresponding column within a single row.



**SIF\_ExtendedQueryDataModelType**

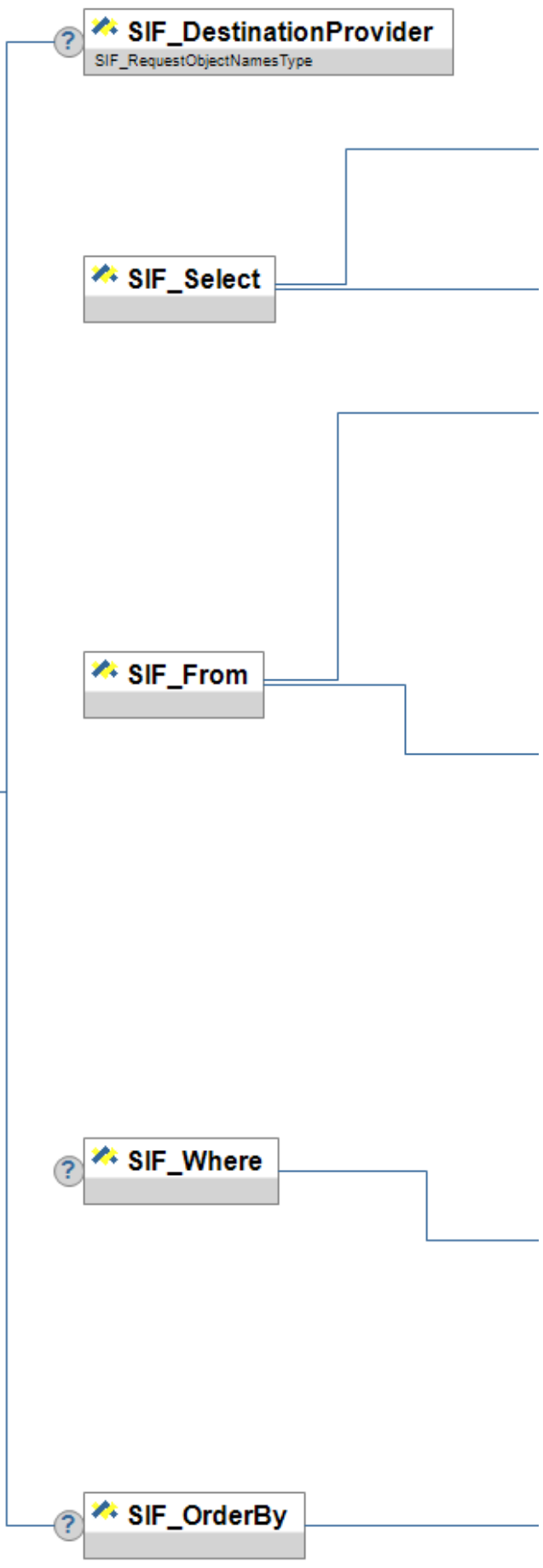


Figure 5.1.11-1: SIF\_ExtendedQuery

	Element/@Attribute	Char	Description	Type
	<b>SIF_ExtendedQuery</b>		<p>SIF's default query mechanism for SIF_Request, SIF_Query, has several limitations that limit its usefulness when creating reporting applications that process data from a SIF zone. SIF_Query is limited to matching only one object type per query, requiring applications to manually join together results as needed for reporting and general data processing. SIF_ExtendedQuery is designed to allow for joins on object identifiers/RefIds and to allow retrieval of data in a row/column fashion similar to SQL. Each returned column may contain hierarchical XML elements/objects. Providers and Responders in a Zone may support SIF_ExtendedQuery in addition to SIF_Query. Support for SIF_ExtendedQuery can be declared in and retrieved from the Zone is various Infrastructure messages and objects.</p> <p>Note that matching rows are generated solely based on the SIF_From clause, with optional join criteria, optionally limited/filtered by the SIF_Where clause. If a repeatable element is requested as a column in SIF_Select, this does not generate multiple rows for each occurrence of matching elements; all elements are returned in the corresponding column within a single row.</p>	
	SIF_DestinationProvider	O	<p>If no SIF_DestinationId applies to the request and this element is supplied, the Requester specifies that the extended query be routed to the Provider on record for the given object name. If this element is omitted and no SIF_DestinationId applies to the request, the ZIS routes the request to the Provider on record for the object name in SIF_From.</p>	SIF_RequestObjectNamesType
	SIF_Select	M	<p>Identifies which data elements/attribute are to be returned as columns in each matching row.</p>	
@	Distinct	M	<p>Specifies whether query results should return all rows (<i>false</i>) or just distinct ones (<i>true</i>). Rows are distinct if at least one column differs between them.</p>	xs:boolean

	Element/@Attribute	Char	Description	Type
@	RowCount	M	The maximum number of rows to return. If All, return all rows, otherwise return the top rows up to the maximum row count indicated.	<b>union of:</b> xs:positiveInteger <b>additional values:</b> All
	SIF_Select/SIF_Element	MR	Indicates the element/attribute to return as a column. Contents can be left empty to return the whole object specified in ObjectName, or * can be designated to return all attributes and immediate child elements of the object specified in ObjectName, or SIF_Element Syntax can be specified, relative to the object specified in ObjectName. Requested attributes are to be returned as the text value of the corresponding attribute, elements as a copy of the XML element itself including attributes if they exist.	xs:normalizedString
@	Alias	O	Optional caption for the column.	xs:normalizedString <div style="border: 1px solid black; padding: 2px; display: inline-block;">             xs:maxLength 64           </div>
@	ObjectName	M	The name of the object from which to retrieve element/attributes.	SIF_RequestObjectNamesType
	SIF_From	M	Join specification for the query if more than one object is being queried. If only one object is being queried, specify it without the SIF_Join clause. This clause generates the matching rows returned, optionally limited/filtered by the SIF_Where clause. Each object referenced in the SIF_Select, SIF_Where and SIF_OrderBy clauses must be included here.	
@	ObjectName	M	The name of the object to query.	SIF_RequestObjectNamesType
	SIF_From/SIF_Join	OR	Additional objects to query, with join conditions specifying the relationships between objects.	
@	Type	M	Type of relational join.	<b>values:</b> Inner LeftOuter RightOuter FullOuter

	Element/@Attribute	Char	Description	Type
	SIF_From/SIF_Join/SIF_JoinOn	MR	Specifies the conditions for the join.	
	SIF_From/SIF_Join/SIF_JoinOn/ SIF_LeftElement	M	Specifies the left-side element/attribute on which to constrain the join. Currently only support for keys/RefIds/RefId references is required.	xs:normalizedString
@	ObjectName	M	Name of the object that contains the element/attribute.	SIF_RequestObjectNamesType
	SIF_From/SIF_Join/SIF_JoinOn/ SIF_RightElement	M	Specifies right left-side element/attribute on which to constrain the join. Currently only support for keys/RefIds/RefId references is required.	xs:normalizedString
@	ObjectName	M	Name of the object that contains the element/attribute.	SIF_RequestObjectNamesType
	SIF_Where	O	Optionally specifies conditions to limit/filter rows resulting from the SIF_From clause.	
	SIF_Where/SIF_ConditionGroup	M	Conditions that matching rows must meet.	
@	Type	M	The Boolean operator for joining conditions (SIF_Conditions elements) within this element. Note that None should be used if there is only one SIF_Conditions element.	<b>values:</b>  And Or None
	SIF_Where/SIF_ConditionGroup/ SIF_Conditions	MR	This construct allows for nested conditions.	
@	Type	M	The boolean operator for joining conditions (SIF_Condition elements) within this element. Note that None should be used if there is only one SIF_Condition element.	<b>values:</b>  And Or None

	Element/@Attribute	Char	Description	Type
	SIF_Where/SIF_ConditionGroup/SIF_Conditions/SIF_Condition	MR	This element represents an individual condition.	
	SIF_Where/SIF_ConditionGroup/SIF_Conditions/SIF_Condition/SIF_Element	M	This is the element/attribute being queried.	xs:normalizedString
@	ObjectName	M	The name of the object containing the element/attribute.	SIF_RequestObjectNamesType
	SIF_Where/SIF_ConditionGroup/SIF_Conditions/SIF_Condition/SIF_Operator	M	The comparison operator for the condition.	<b>values:</b> EQ Equals LT Less Than GT Greater Than LE Less Than Or Equals GE Greater Than Or Equals NE Not Equals
	SIF_Where/SIF_ConditionGroup/SIF_Conditions/SIF_Condition/SIF_Value	M	SIF_Value is the data that is used to compare with the value of the element or attribute.	xs:string
	SIF_OrderBy	O	An optional list of elements/attributes by which to sort the resulting rows.	
	SIF_OrderBy/SIF_Element	MR	Indicates the element/attribute by which to sort.	xs:normalizedString
@	ObjectName	M	The name of the object containing the element/attribute.	SIF_RequestObjectNamesType
@	Ordering	M	Whether to order the element/attribute in ascending or descending order.	<b>values:</b> Ascending Descending

Table 5.1.11-1: SIF\_ExtendedQuery

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="false" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal" />
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal" />
</SIF_ExtendedQuery>

```

*Example 5.1.11-2: Selecting all LearnerPersonal objects*

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="false" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal">*</SIF_Element>
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal" />
</SIF_ExtendedQuery>

```

*Example 5.1.11-4: Selecting all attributes and immediate child elements of LearnerPersonal as columns from all LearnerPersonal objects*

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="false" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal">@RefId</SIF_Element>
    <SIF_Element ObjectName="LearnerPersonal">PersonalInformation/Name/GivenName</SIF_Element>
    <SIF_Element ObjectName="LearnerPersonal">PersonalInformation/Name/FamilyName</SIF_Element>
    <SIF_Element ObjectName="LearnerPersonal">PersonalInformation/Email</SIF_Element>
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal" />
</SIF_ExtendedQuery>

```

*Example 5.1.11-6: Selecting specific attributes and elements from all LearnerPersonal objects*

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="true" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal" />
    <SIF_Element ObjectName="LearnerSchoolEnrolment" Alias="Learner Entry Date">EntryDate</SIF_Element>
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal">
    <SIF_Join Type="Inner">
      <SIF_JoinOn>
        <SIF_LeftElement ObjectName="LearnerPersonal">@RefId</SIF_LeftElement>
        <SIF_RightElement ObjectName="LearnerSchoolEnrolment">@LearnerPersonalRefId</SIF_RightElement>
      </SIF_JoinOn>
    </SIF_Join>
  </SIF_From>
  <SIF_Where>
    <SIF_ConditionGroup Type="None">
      <SIF_Conditions Type="And">
        <SIF_Condition>
          <SIF_Element ObjectName="LearnerSchoolEnrolment">@SchoolInfoRefId</SIF_Element>
          <SIF_Operator>EQ</SIF_Operator>
          <SIF_Value>A3E90785EFDA330DACB00785EFDA330D</SIF_Value>
        </SIF_Condition>
        <SIF_Condition>
          <SIF_Element ObjectName="LearnerSchoolEnrolment">@MembershipType</SIF_Element>
          <SIF_Operator>EQ</SIF_Operator>
          <SIF_Value>C</SIF_Value>
        </SIF_Condition>
      </SIF_Conditions>
    </SIF_ConditionGroup>
  </SIF_Where>
  <SIF_OrderBy>
    <SIF_Element ObjectName="LearnerPersonal" Ordering="Ascending">PersonalInformation/Name/FamilyName</SIF_Element>
  </SIF_OrderBy>
</SIF_ExtendedQuery>

```

*Example 5.1.11-8: Selecting LearnerPersonal objects along with each learner's EntryDate from LearnerSchoolEnrolment for a specific school and other LearnerSchoolEnrolment values, sorted by learner's last name*

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="false" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal" />
    <SIF_Element ObjectName="LearnerSchoolEnrolment" />
    <SIF_Element ObjectName="SchoolInfo">SchoolName</SIF_Element>
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal">
    <SIF_Join Type="Inner">
      <SIF_JoinOn>
        <SIF_LeftElement ObjectName="LearnerPersonal">@RefId</SIF_LeftElement>
        <SIF_RightElement ObjectName="LearnerSchoolEnrolment">@LearnerPersonalRefId</SIF_RightElement>
      </SIF_JoinOn>
    </SIF_Join>
    <SIF_Join Type="Inner">
      <SIF_JoinOn>
        <SIF_LeftElement ObjectName="LearnerSchoolEnrolment">@SchoolInfoRefId</SIF_LeftElement>
        <SIF_RightElement ObjectName="SchoolInfo">@RefId</SIF_RightElement>
      </SIF_JoinOn>
    </SIF_Join>
  </SIF_From>
  <SIF_Where>
    <SIF_ConditionGroup Type="None">
      <SIF_Conditions Type="None">
        <SIF_Condition>
          <SIF_Element ObjectName="LearnerPersonal">@RefId</SIF_Element>
          <SIF_Operator>EQ</SIF_Operator>
          <SIF_Value>12345678901234567890123456789012</SIF_Value>
        </SIF_Condition>
      </SIF_Conditions>
    </SIF_ConditionGroup>
  </SIF_Where>
</SIF_ExtendedQuery>

```

Example 5.1.11-10: Selecting a specific LearnerPersonal's LearnerSchoolEnrolment objects, along with the corresponding school name for each enrolment

### 5.1.11.1 Mapping SIF\_Query to SIF\_ExtendedQuery

While there are differences in how matching objects are returned, note that all non-SIF\_Example SIF\_Query-based requests can be mapped to a corresponding SIF\_ExtendedQuery-based request:

1	Place SIF_Query/SIF_QueryObject/@ObjectName in SIF_ExtendedQuery/SIF_From/@ObjectName.
2	If elements/attributes are specified in SIF_Query/SIF_QueryObject/SIF_Element, place them in SIF_ExtendedQuery/SIF_Select/SIF_Element with @ObjectName set to SIF_Query/SIF_QueryObject/@ObjectName. Otherwise in SIF_Select, specify an empty SIF_Element element with @ObjectName set to SIF_Query/SIF_QueryObject/@ObjectName.
3	If SIF_Query/SIF_ConditionGroup exists, place it in SIF_ExtendedQuery/SIF_Where setting @ObjectName to SIF_Query/SIF_QueryObject/@ObjectName in every occurrence of SIF_Element.
4	Set SIF_Select/@Distinct to false and SIF_Select/@RowCount to All.

Table 5.1.11.1-1: Mapping SIF\_Query to SIF\_ExtendedQuery

```

<SIF_Query>
  <SIF_QueryObject ObjectName="LearnerPersonal">
    <SIF_Element>PersonalInformation/Name/GivenName</SIF_Element>
    <SIF_Element>PersonalInformation/Name/FamilyName</SIF_Element>
  </SIF_QueryObject>
  <SIF_ConditionGroup Type="None">
    <SIF_Conditions Type="None">
      <SIF_Condition>
        <SIF_Element>@RefId</SIF_Element>
        <SIF_Operator>EQ</SIF_Operator>
        <SIF_Value>F0F29E6AE742498D9CB91CBB3BE6890E</SIF_Value>
      </SIF_Condition>
    </SIF_Conditions>
  </SIF_ConditionGroup>
</SIF_Query>

```

Example 5.1.11.1-1: Input SIF\_Query

```

<SIF_ExtendedQuery>
  <SIF_Select Distinct="false" RowCount="All">
    <SIF_Element ObjectName="LearnerPersonal">PersonalInformation/Name/GivenName</SIF_Element>
    <SIF_Element ObjectName="LearnerPersonal">PersonalInformation/Name/FamilyName</SIF_Element>
  </SIF_Select>
  <SIF_From ObjectName="LearnerPersonal" />
  <SIF_Where>
    <SIF_ConditionGroup Type="None">
      <SIF_Conditions Type="None">
        <SIF_Condition>
          <SIF_Element ObjectName="LearnerPersonal">@RefId</SIF_Element>
          <SIF_Operator>EQ</SIF_Operator>
          <SIF_Value>F0F29E6AE742498D9CB91CBB3BE6890E</SIF_Value>
        </SIF_Condition>
      </SIF_Conditions>
    </SIF_ConditionGroup>
  </SIF_Where>
</SIF_ExtendedQuery>

```

Example 5.1.11.1-2: Corresponding SIF\_ExtendedQuery

## 5.1.12 SIF\_ExtendedQueryResults

This element provides a wrapper for data returned in response to a SIF\_ExtendedQuery. Used in SIF\_Response and SIF\_ReportObject.

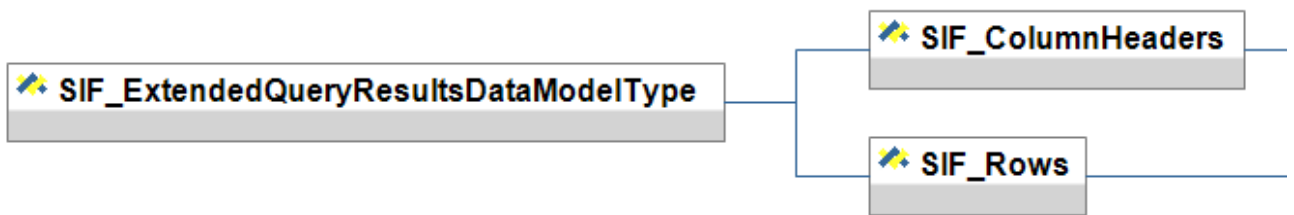


Figure 5.1.12-1: SIF\_ExtendedQueryResults

	Element/@Attribute	Char	Description	Type
	<b>SIF_ExtendedQueryResults</b>		This element provides a wrapper for data returned in response to a SIF_ExtendedQuery. Used in SIF_Response and SIF_ReportObject.	
	SIF_ColumnHeaders	M	Provides the element/attribute and caption information for each column supplied in SIF_ExtendedQuery. The order must correspond to the order of the elements as requested in SIF_ExtendedQuery.	
	SIF_ColumnHeaders/SIF_Element	MR	The element/attribute specified for the column in SIF_ExtendedQuery.	xs:normalizedString
@	ObjectName	M	The object in which the element/attribute occurs.	SIF_RequestObjectNamesType



Element/@Attribute	Char	Description	Type		
@ Alias	O	The caption for the column, if specified in SIF_ExtendedQuery.	xs:normalizedString <table border="1" data-bbox="1230 184 1390 218"><tr><td>xs:maxLength</td><td>64</td></tr></table>	xs:maxLength	64
xs:maxLength	64				
@ xsi:type	O	Optionally allows type of column value to be explicitly communicated.			
SIF_Rows	M	A list of matching rows resulting from the supplied SIF_ExtendedQuery. Note that the complete list of rows may span multiple SIF_Response messages, per the SIF_MaxBufferSize supplied in SIF_Request. If there are no matching rows, this is an empty list.			
SIF_Rows/R	OR	An individual matching row resulting from the supplied SIF_ExtendedQuery.			
SIF_Rows/R/C	MR	Contains the value of each column specified in SIF_ExtendedQuery/SIF_Select. The order of the columns must correspond to the order of the elements as requested in SIF_ExtendedQuery. Note the number of columns may be expanded from the requested columns if * is indicated one or more times in the SIF_Select clause.	SelectedContentType		

Table 5.1.12-1: SIF\_ExtendedQueryResults

```

<SIF_ExtendedQueryResults>
  <SIF_ColumnHeaders>
    <SIF_Element ObjectName="LearnerPersonal" />
    <SIF_Element ObjectName="LearnerSchoolEnrolment" />
    <SIF_Element ObjectName="SchoolInfo">SchoolName</SIF_Element>
  </SIF_ColumnHeaders>
  <SIF_Rows>
    <R>
      <C>
        <LearnerPersonal RefId="12345678901234567890123456789012">
          <!--...-->
        </LearnerPersonal>
      </C>
      <C>
        <LearnerSchoolEnrolment RefId="AED4AEF825284D7E9F082EBBEB1999FA" LearnerPersonalRefId="12345678901234567890123456789012">
          <!--...-->
        </LearnerSchoolEnrolment>
      </C>
      <C>
        <SchoolName>SIFA High</SchoolName>
      </C>
    </R>
    <R>
      <C>
        <LearnerPersonal RefId="12345678901234567890123456789012">
          <!--...-->
        </LearnerPersonal>
      </C>
      <C>
        <LearnerSchoolEnrolment RefId="AED4AEF825284D7E9F082EBBEB1999FA" LearnerPersonalRefId="12345678901234567890123456789012">
          <!--...-->
        </LearnerSchoolEnrolment>
      </C>
      <C>
        <SchoolName>SIFA University</SchoolName>
      </C>
    </R>
  </SIF_Rows>
</SIF_ExtendedQueryResults>

```

Example 5.1.12-2: *SIF\_ExtendedQueryResults*

## 5.2 Messages

### 5.2.1 SIF\_Ack

This message is used as an acknowledgement for infrastructure messages. All infrastructure messages will return a `SIF_Ack` as a result to indicate if the request was successful or not. A `SIF_Ack` must contain either a `SIF_Status` element acknowledging a successful result or a `SIF_Error` element describing the failure. The `SIF_Error` element contains a standardized error number as well as a description of the error.

A successful `SIF_Ack` is typically returned to the caller containing a `SIF_Header`, `SIF_OriginalSourceId`, `SIF_OriginalMsgId` and the `SIF_Status` element. In situations where additional information needs to be returned to the caller, a `SIF_Data` element can be added to the `SIF_Status` element.

In addition, successful `SIF_Ack` messages may also be sent to the ZIS under two conditions. The first is when a pull-mode agent requests that a message is to be removed from its queue. The second is when an agent which has invoked SMB wishes to end SMB handling. In that case, the agent sends a "Final" `SIF_Ack` to the ZIS. In each instance the ZIS returns a `SIF_Ack` in response to the agent's `SIF_Ack` message.

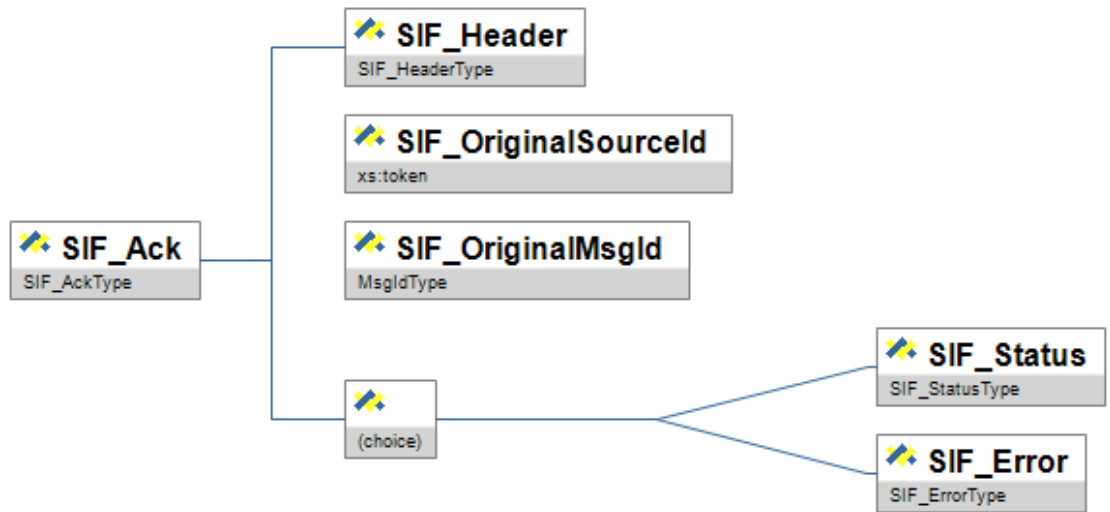


Figure 5.2.1-1: SIF\_Ack

Element/@Attribute	Char	Description	Type
<b>SIF_Ack</b>	M	This message is used as an acknowledgement to an infrastructure message.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_OriginalSourceId	M	The SIF_SourceId of the infrastructure message for which the SIF_Ack serves as a response.	xs:token
SIF_OriginalMsgId	M	The SIF_MsgId of the infrastructure message for which the SIF_Ack message serves as a response.	MsgIdType
SIF_Status	C	This element is used to signal a successful response.	SIF_Status
SIF_Error	C	This element is used to signal an unsuccessful response.	SIF_Error

Table 5.2.1-1: SIF\_Ack

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>AB1058CD3261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>SifInfo_TestZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseyLib</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>1298ACEF3261545A31905937B265CE01</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>0</SIF_Code>
      <SIF_Data>
        <SIF_Message Version="2.1">
          <SIF_Request>
            <SIF_Header>
              <SIF_MsgId>A3E90785EFDA330DACB00785EFDA330D</SIF_MsgId>
              <SIF_Timestamp>2006-02-18T08:39:02-08:00</SIF_Timestamp>
              <SIF_SourceId>RamseySIS</SIF_SourceId>
            </SIF_Header>
            <SIF_Version>2.*</SIF_Version>
            <SIF_MaxBufferSize>1048576</SIF_MaxBufferSize>
            <SIF_Query>
              <SIF_QueryObject ObjectName="LearnerPersonal" />
              <SIF_ConditionGroup Type="None">
                <SIF_Conditions Type="None">
                  <SIF_Condition>
                    <SIF_Element>@RefId</SIF_Element>
                    <SIF_Operator>EQ</SIF_Operator>
                    <SIF_Value>9B004AC4F51E4867A2B3B4ED92F46DAE</SIF_Value>
                  </SIF_Condition>
                </SIF_Conditions>
              </SIF_ConditionGroup>
            </SIF_Query>
          </SIF_Request>
        </SIF_Message>
      </SIF_Data>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>

```

Example 5.2.1-2: SIF\_Ack Status Message

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>CD5087FE3261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>1945CD783261545A31905937B265CE01</SIF_OriginalMsgId>
    <SIF_Error>
      <SIF_Category>3</SIF_Category>
      <SIF_Code>5</SIF_Code>
      <SIF_Desc>Sender's certificate is not trusted</SIF_Desc>
      <SIF_ExtendedDesc>Agent requires certificate issued by ISD11 CA</SIF_ExtendedDesc>
    </SIF_Error>
  </SIF_Ack>
</SIF_Message>

```

Example 5.2.1-4: SIF\_Ack Error Message

## 5.2.2 SIF\_Event

SIF\_Event

is used to deliver event objects as defined in SIF. Events represent the availability of a new data object, changes to, or deletions of data object.

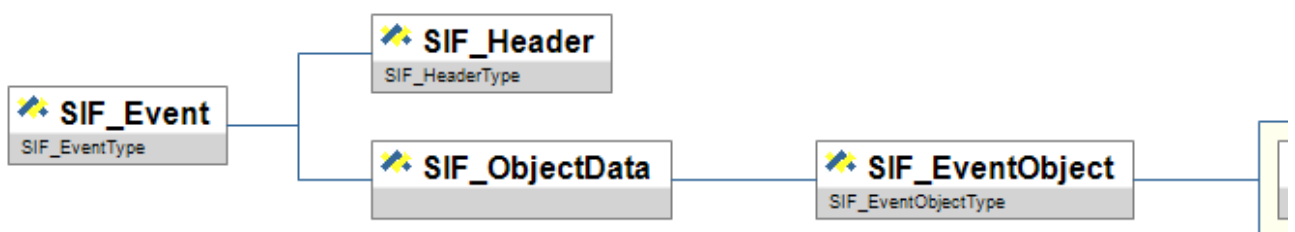


Figure 5.2.2-1: SIF\_Event

	Element/@Attribute	Char	Description	Type
	<b>SIF_Event</b>	M	SIF_Event is used to deliver event objects as defined in SIF.	
	SIF_Header	M	Header information associated with this message.	SIF_Header
	SIF_ObjectData	M		
	SIF_ObjectData/SIF_EventObject	M	Contains the actual object (partial or whole) that is being added, changed or deleted.	SIF_EventObjectType
@	ObjectName	M	This is the name of the object being added, changed or deleted.	SIF_SubscribeObjectNamesType
@	Action	M	This is the action associated with the object that is being conveyed by this SIF_Event.	<b>values:</b> Add Delete Change

Table 5.2.2-1: SIF\_Event

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Event>
    <SIF_Header>
      <SIF_MsgId>AB34DC093261545A31905937B265CE01</SIF_MsgId>
      <SIF_Stamp>2006-02-18T20:39:12-08:00</SIF_Stamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_ObjectData>
      <SIF_EventObject ObjectName="LearnerPersonal" Action="Change">
        <LearnerPersonal RefId="D3E34B359D75101A8C3D00AA001A1652">
          <PersonalInformation>
            <PhoneNumber Type="H">
              <Number>05598765432</Number>
            </PhoneNumber>
          </PersonalInformation>
        </LearnerPersonal>
      </SIF_EventObject>
    </SIF_ObjectData>
  </SIF_Event>
</SIF_Message>

```

Example 5.2.2-2: SIF\_Event Message with LearnerPersonal changes

## 5.2.3 SIF\_Provide

The SIF\_Provide message is used to attempt registering as the provider of one or more data objects.

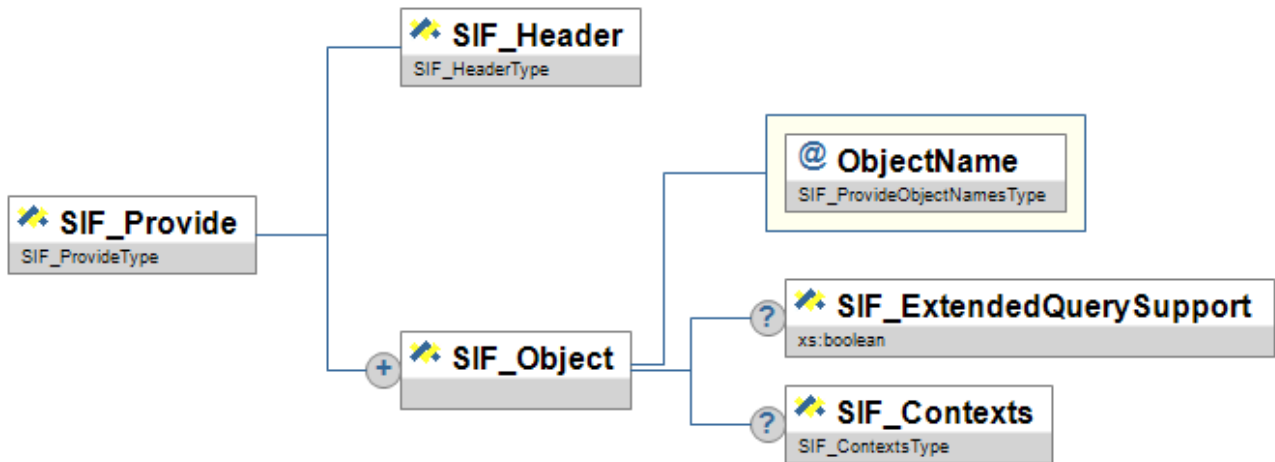


Figure 5.2.3-1: SIF\_Provide

Element/@Attribute	Char	Description	Type
<b>SIF_Provide</b>	M	The SIF_Provide message is used for advertising the provision of data objects.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Object	MR	This is the object that is being provided.	
@ ObjectName	M	The actual name of the object that is being provided.	SIF_ProvideObjectNamesType
SIF_Object/SIF_ExtendedQuerySupport	O	Whether or not the Agent supports SIF_ExtendedQuery for this object.	xs:boolean
SIF_Object/SIF_Contexts	O	The contexts in which the object is being provided; if omitted, the context is SIF_Default.	SIF_Contexts

Table 5.2.3-1: SIF\_Provide

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Provide>
    <SIF_Header>
      <SIF_MsgId>34DC87FE3261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_Object ObjectName="LearnerPersonal" />
    <SIF_Object ObjectName="LearnerSchoolEnrolment" />
  </SIF_Provide>
</SIF_Message>
```

*Example 5.2.3-2: SIF\_Provide*

## 5.2.4 SIF\_Provision

Once registered, this message allows an agent to announce to the ZIS the functionality the agent will provide. The ZIS compares the functionality to its access control list and either returns a failure or a success. Upon success, the ZIS performs an atomic update of its provide/subscribe database entries for the agent to match the objects listed in this message and atomically updates other stored settings for the agent. A ZIS must not allow an agent to perform operations that it did not successfully announce. Agents should be aware that if the access control list changes after a successful `SIF_Provision`, some operations may still be rejected with access control errors.

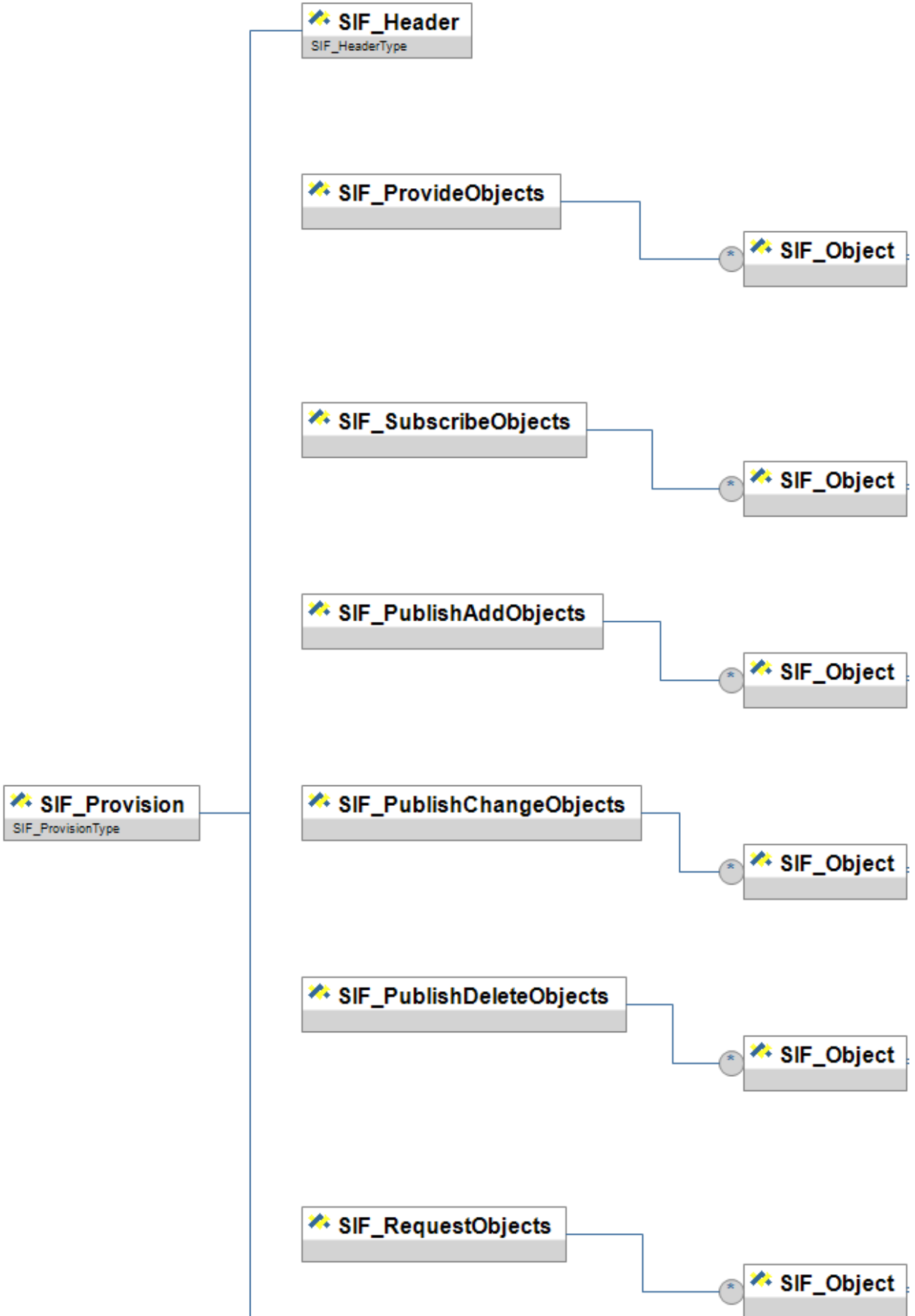




Figure 5.2.4-1: SIF\_Provision

	Element/@Attribute	Char	Description	Type
	<b>SIF_Provision</b>		Once registered, this message allows an agent to announce to the ZIS the functionality the agent will provide. The ZIS compares the functionality to its access control list and either returns a failure or a success. Upon success, the ZIS performs an atomic update of its provide/subscribe database entries for the agent to match the objects listed in this message and atomically updates other stored settings for the agent. A ZIS must not allow an agent to perform operations that it did not successfully announce. Agents should be aware that if the access control list changes after a successful SIF_Provision, some operations may still be rejected with access control errors.	
	SIF_Header	M	Header information associated with this message.	SIF_Header
	SIF_ProvideObjects	M	A list of objects an Agent wishes to provide.	
	SIF_ProvideObjects/SIF_Object	OR		
@	ObjectName	M	The name of each object.	SIF_ProvideObjectNamesType
	SIF_ProvideObjects/SIF_Object/SIF_ExtendedQuerySupport	O	Whether or not SIF_ExtendedQuery is supported with regard to this object.	xs:boolean
	SIF_ProvideObjects/SIF_Object/SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
	SIF_SubscribeObjects	M	A list of objects to which an Agent wishes to subscribe.	
	SIF_SubscribeObjects/SIF_Object	OR		

	<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
@	ObjectName	M	The name of each object.	SIF_SubscribeObjectNameType
	SIF_SubscribeObjects/SIF_Object/ SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
	SIF_PublishAddObjects	M	A list of objects for which an Agent wishes to publish Add events.	
	SIF_PublishAddObjects/SIF_Object	OR		
@	ObjectName	M	The name of each object.	SIF_SubscribeObjectNameType
	SIF_PublishAddObjects/SIF_Object/ SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
	SIF_PublishChangeObjects	M	A list of objects for which an Agent wishes to publish Change events.	
	SIF_PublishChangeObjects/ SIF_Object	OR		
@	ObjectName	M	The name of each object.	SIF_SubscribeObjectNameType
	SIF_PublishChangeObjects/ SIF_Object/SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
	SIF_PublishDeleteObjects	M	A list of objects for which an Agent wishes to publish Delete events.	
	SIF_PublishDeleteObjects/ SIF_Object	OR		
@	ObjectName	M	The name of each object.	SIF_SubscribeObjectNameType

Element/@Attribute	Char	Description	Type
SIF_PublishDeleteObjects/ SIF_Object/SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
SIF_RequestObjects	M	A list of objects an Agent wishes to request.	
SIF_RequestObjects/SIF_Object	OR		
@ ObjectName	M	The name of each object.	SIF_RequestObjectNamesType
SIF_RequestObjects/SIF_Object/ SIF_ExtendedQuerySupport	O	Optionally specify whether or not SIF_ExtendedQuery may be sent in requests for this object.	xs:boolean
SIF_RequestObjects/SIF_Object/ SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts
SIF_RespondObjects	M	A list of objects for which an Agent wishes to handle requests, whether or not it is the Provider for each object. Note that this list <b>MUST</b> include those objects specified in SIF_ProvideObjects.	
SIF_RespondObjects/SIF_Object	OR		
@ ObjectName	M	The name of each object.	SIF_RequestObjectNamesType
SIF_RespondObjects/SIF_Object/ SIF_ExtendedQuerySupport	O	Whether or not SIF_ExtendedQuery is supported with regard to this object.	xs:boolean
SIF_RespondObjects/SIF_Object/ SIF_Contexts	O	Applicable contexts for stated object support. If omitted, the context defaults to SIF_Default.	SIF_Contexts

Table 5.2.4-1: SIF\_Provision

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Provision>
    <SIF_Header>
      <SIF_MsgId>A10F92EB649F4A648B5BFC44C7FD965C</SIF_MsgId>
      <SIF_Timestamp>2006-08-18T11:23:11-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_ProvideObjects>
      <SIF_Object ObjectName="LearnerPersonal" />
      <SIF_Object ObjectName="LearnerSchoolEnrolment" />
    </SIF_ProvideObjects>
    <SIF_SubscribeObjects>
      <SIF_Object ObjectName="PersonPicture" />
    </SIF_SubscribeObjects>
    <SIF_PublishAddObjects>
      <SIF_Object ObjectName="LearnerPersonal" />
      <SIF_Object ObjectName="LearnerSchoolEnrolment" />
    </SIF_PublishAddObjects>
    <SIF_PublishChangeObjects>
      <SIF_Object ObjectName="LearnerPersonal" />
      <SIF_Object ObjectName="LearnerSchoolEnrolment" />
    </SIF_PublishChangeObjects>
    <SIF_PublishDeleteObjects>
      <SIF_Object ObjectName="LearnerPersonal" />
      <SIF_Object ObjectName="LearnerSchoolEnrolment" />
    </SIF_PublishDeleteObjects>
    <SIF_RequestObjects>
      <SIF_Object ObjectName="PersonPicture" />
    </SIF_RequestObjects>
    <SIF_RespondObjects>
      <SIF_Object ObjectName="LearnerPersonal" />
      <SIF_Object ObjectName="LearnerSchoolEnrolment" />
    </SIF_RespondObjects>
  </SIF_Provision>
</SIF_Message>

```

Example 5.2.4-2: SIF\_Provision

## 5.2.5 SIF\_Register

SIF\_Register

is the message for registering an agent with a ZIS. An agent must be registered before it sends out other SIF messages. SIF\_Register

serves to provide the ZIS with the sender's identification information as well as to provide the information that the ZIS will need to contact this agent, should it register in Push mode.

Once a sender registers in the ZIS with the SIF\_Register message, the sender can use the SIF\_SourceId value in the header of all other outgoing messages as its identification. It is not necessary to send a SIF\_Register message each time your agent starts up but it is not an error to do so. If there are any blocked events in the Agent's queue when a ZIS receives the SIF\_Register message, the blocks will be removed.

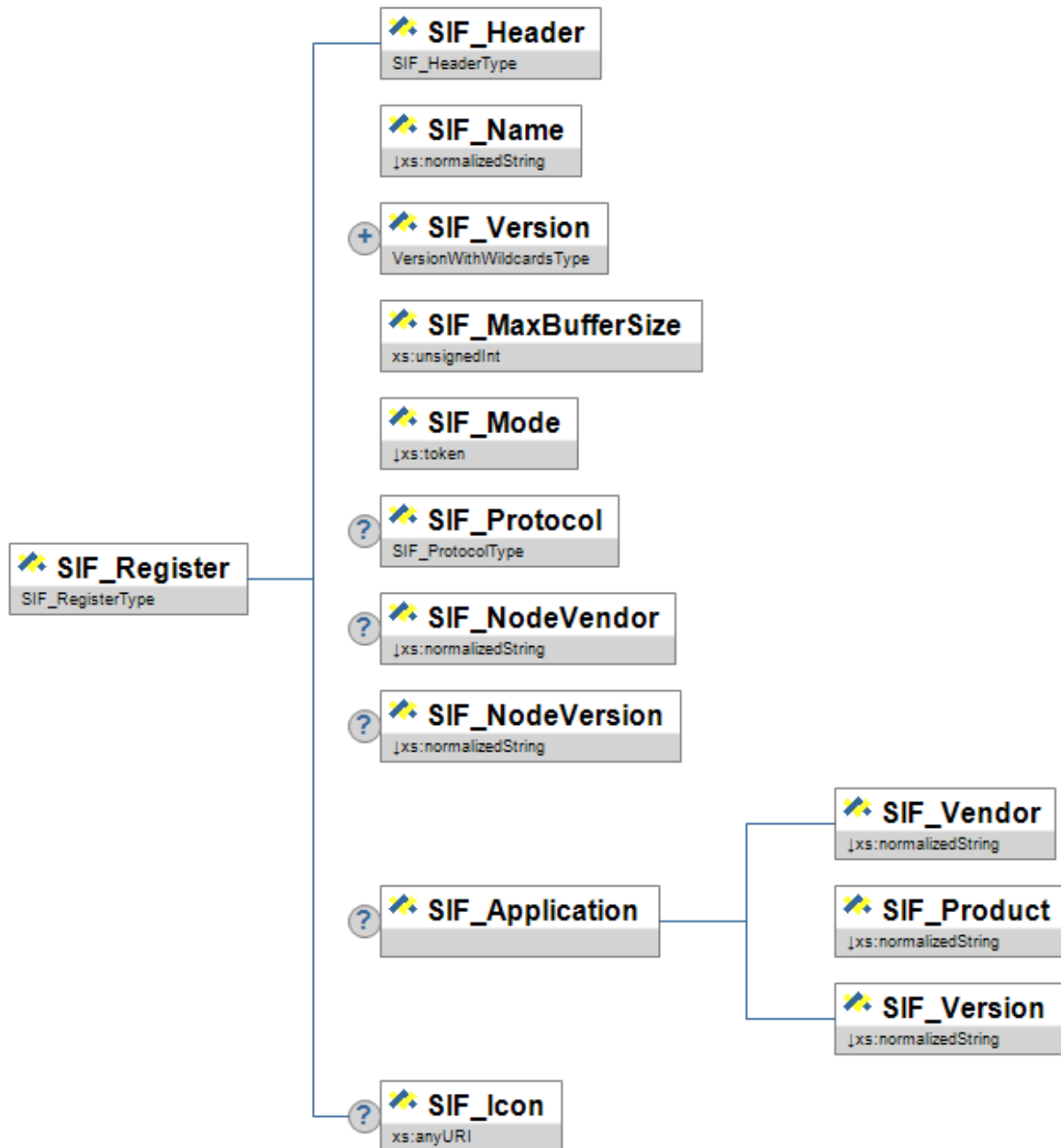


Figure 5.2.5-1: SIF\_Register

Element/@Attribute	Char	Description	Type
<b>SIF_Register</b>	M	SIF_Register is the message for registering an agent with a ZIS.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Name	M	This is the descriptive name of the agent that is registering (i.e. Ramsey Media Center).	xs:normalizedString xs:maxLength 64

Element/@Attribute	Char	Description	Type
SIF_Version	MR	<p>Specifies the SIF Implementation Specification version(s) defining messages the agent can receive. If the ZIS cannot communicate in this format, it should reject the request.</p> <p>The format of SIF_Version values can be found in <a href="#">Version Numbers</a>. In a SIF_Register message, an individual SIF_Version element may also contain the following wildcards:</p> <p>* - Any SIF version</p> <p>&lt;major version&gt;.* - Any minor version plus revisions within a major version (e.g., 1.*)</p> <p>&lt;major version&gt;.&lt;minor version&gt;&lt;revision&gt;* - Any revision within a minor version (e.g., 1.1r*)</p> <p>Note: As wildcarding was first introduced in version 1.1 of the specification, 1.* does not match versions 1.0, 1.0r1 or 1.0r2. 1.1 or later agents that register with 1.* and wish to also receive messages from pre-1.1 agents must include SIF_Version element(s) with the supported pre-1.1 versions.</p>	VersionWithWildcardsType
SIF_MaxBufferSize	M	Specifies the maximum size of a packet to be returned by the ZIS. The ZIS may return packets smaller than, or equal to, the maximum value.	xs:unsignedInt
SIF_Mode	M	Specifies the communication mode (Pull or Push) as chosen by the message sender.	<b>values:</b> Push Pull
SIF_Protocol	C	If SIF_Mode is Push, SIF_Protocol contains protocol information for contacting the agent in Push mode. A Pull-mode agent does not need to send SIF_Protocol; if received, a ZIS ignores it.	SIF_Protocol
SIF_NodeVendor	O	The vendor of the SIF agent.	xs:normalizedString <div style="border: 1px solid black; padding: 2px; display: inline-block;">xs:maxLength 256</div>
SIF_NodeVersion	O	<p>The agent version number. The format of this field is undefined, but it should match the format used in the agent's conformance statement, if the agent is SIF Certified.</p> <p><b>Examples</b> 2.0.1.11</p>	xs:normalizedString <div style="border: 1px solid black; padding: 2px; display: inline-block;">xs:maxLength 32</div>

Element/@Attribute	Char	Description	Type
SIF_Application	O	Contains information about the vendor of the product that the agent represents.	
SIF_Application/SIF_Vendor	M	The name of the company of the product that this agent supports.	xs:normalizedString xs:maxLength 256
SIF_Application/SIF_Product	M	The name of the product that this agent supports.	xs:normalizedString xs:maxLength 256
SIF_Application/SIF_Version	M	The version of the product. This field is informative only.	xs:normalizedString xs:maxLength 32
SIF_Icon	O	HTTP URL referencing an icon for graphical representation of the application/agent. Should range from 16x16 pixels to 128x128 pixels and be of an image MIME type commonly supported by Web browsers (e.g. PNG, JPEG, GIF). Agents may optionally follow the more restrictive guidelines at <a href="#">[FAVICON]</a> .	xs:anyURI

Table 5.2.5-1: SIF\_Register

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Register>
    <SIF_Header>
      <SIF_MsgId>14BA09653261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-06:00</SIF_Timestamp>
      <SIF_SourceId>AcmeAgent</SIF_SourceId>
    </SIF_Header>
    <SIF_Name>Acme Agent for WAP 2.x</SIF_Name>
    <SIF_Version>2.1</SIF_Version>
    <SIF_MaxBufferSize>524288</SIF_MaxBufferSize>
    <SIF_Mode>Push</SIF_Mode>
    <SIF_Protocol Type="HTTPS" Secure="Yes">
      <SIF_URL>https://AcmeHost:8030/StudentAdmin</SIF_URL>
    </SIF_Protocol>
    <SIF_NodeVersion>2.0.1.20</SIF_NodeVersion>
    <SIF_Application>
      <SIF_Vendor>Acme Consulting</SIF_Vendor>
      <SIF_Product>Web Administration Portal 5.x</SIF_Product>
      <SIF_Version>5.1.2</SIF_Version>
    </SIF_Application>
  </SIF_Register>
</SIF_Message>

```

Example 5.2.5-2: SIF\_Register

## 5.2.6 SIF\_Request

This message is used to request information in SIF data objects from other SIF nodes. It optionally specifies the query criteria with which to match objects, as well as an optional subset of elements to be returned for matching objects.

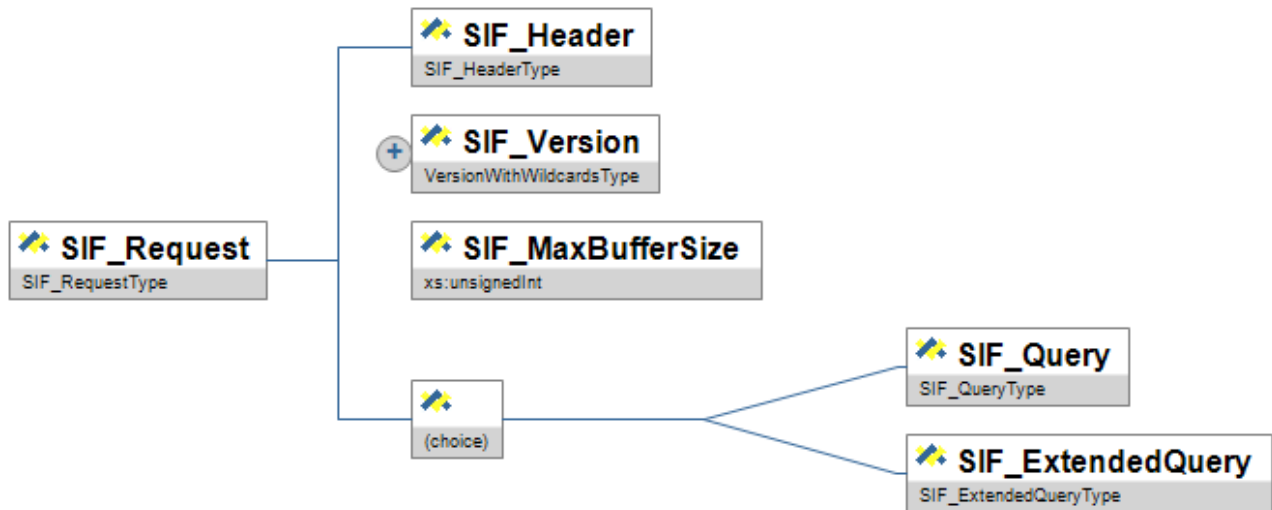


Figure 5.2.6-1: SIF\_Request

Element/@Attribute	Char	Description	Type
<b>SIF_Request</b>	M	SIF_Request is used to request information in SIF data objects from other SIF nodes.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Version	MR	Specifies which SIF Implementation Specification version should be used when returning the response data; wildcards are allowed. The responding agent <b>SHOULD</b> return data using the highest version it supports that falls within the specified versions.	VersionWithWildcardsType
SIF_MaxBufferSize	M	Specifies the maximum size of a response packet to be returned to the requester. The responder may return packets smaller than, or equal to, the maximum value. To guarantee delivery of response packets, requesting agents must not specify a SIF_MaxBufferSize greater than its registered SIF_Register/SIF_MaxBufferSize.	xs:unsignedInt
SIF_Query	C	Either SIF_Query or SIF_ExtendedQuery must be specified, which contain the criteria to be used to match response objects.	SIF_Query
SIF_ExtendedQuery	C		SIF_ExtendedQuery

Table 5.2.6-1: SIF\_Request



```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Request>
    <SIF_Header>
      <SIF_MsgId>A3E90785EFDA330DACB00785EFDA330D</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_Version>2.*</SIF_Version>
    <SIF_MaxBufferSize>1048576</SIF_MaxBufferSize>
    <SIF_Query>
      <SIF_QueryObject ObjectName="LearnerPersonal" />
      <SIF_ConditionGroup Type="None">
        <SIF_Conditions Type="None">
          <SIF_Condition>
            <SIF_Element>@RefId</SIF_Element>
            <SIF_Operator>EQ</SIF_Operator>
            <SIF_Value>9B004AC4F51E4867A2B3B4ED92F46DAE</SIF_Value>
          </SIF_Condition>
        </SIF_Conditions>
      </SIF_ConditionGroup>
    </SIF_Query>
  </SIF_Request>
</SIF_Message>

```

Example 5.2.6-2: SIF\_Request

## 5.2.7 SIF\_Response

SIF\_Response is used to respond to a SIF\_Request message. A response may span multiple SIF\_Response messages.

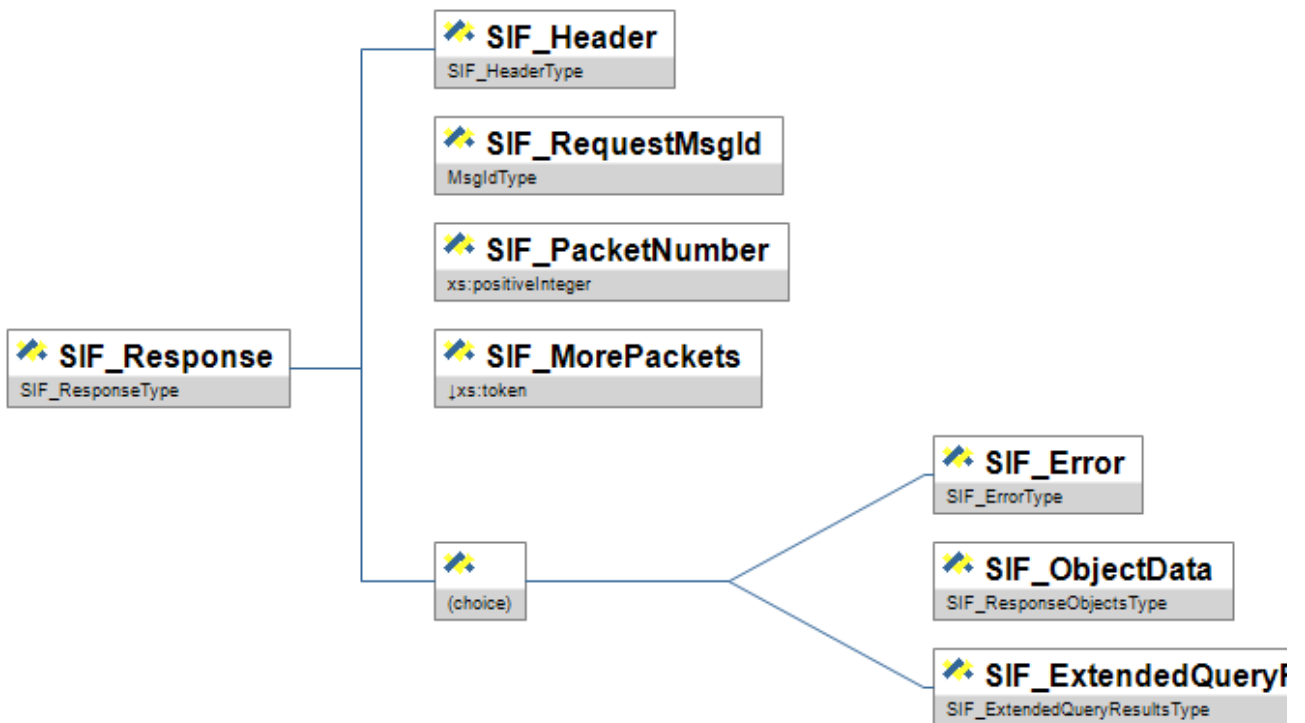


Figure 5.2.7-1: SIF\_Response

Element/@Attribute	Char	Description	Type
SIF_Response	M	SIF_Response is used to respond to a SIF_Request message.	

Element/@Attribute	Char	Description	Type
SIF_Header	M	Header information associated with this message. The SIF_DestinationId needs to be the SIF_SourceId of the original SIF_Request message being processed.	SIF_Header
SIF_RequestMsgId	M	This is the message ID of the SIF_Request message being processed. It provides a unique match between a SIF_Response and a previous SIF_Request. Since the ID of each message from an agent is unique, the receiver of a SIF_Response message will be able to relate the SIF_Response to a SIF_Request that it sent out previously.	MsgIdType
SIF_PacketNumber	M	<p>This element represents the index of the SIF_Response message in the sequence of packets that make up a complete response. Its value must be in the range of 1 through n, with n equal to the total number of packets that make up a response.</p> <p>The receiver of a SIF_Response message, with the help of the SIF_MorePackets and SIF_PacketNumber element in each incoming SIF_Response message, will be able to interpret and process each SIF_Response as part of a complete response to a previous SIF_Request.</p>	xs:positiveInteger
SIF_MorePackets	M	<p>This element provides an indication as to whether there are more packets besides this one to make up a complete response.</p> <p>The necessity of this element stems from the requirement on an agent to break response data to fit into the SIF_MaxBufferSize provided in the SIF_Request. Agents may also break response data into multiple packets for the benefit of improving performance or for circumventing limitations of the underlying network infrastructure.</p> <p>When this element's value is equal to No, it is an indication from the sender to the receiver that it has already sent out all the packets that make up a complete response for a SIF_Request as indicated by the SIF_RequestMsgId element.</p>	<p><b>values:</b></p> <p>Yes No</p>
SIF_Error	C	<p>The responder returns SIF_Error, SIF_ObjectData or SIF_ExtendedQueryResults.</p> <p>This element allows the Responder to report an error condition that occurs while processing the SIF_Request.</p> <p>If a SIF_Error element is present, the requesting agent</p>	SIF_Error

Element/@Attribute	Char	Description	Type
		must not expect to receive further SIF_Responses to the SIF_Request.	
SIF_ObjectData	C	The SIF_ObjectData element contains the data objects matching the supplied criteria in the SIF_Request message if the SIF_Request contained SIF_Query. If the SIF_Request contained SIF_ExtendedQuery, include SIF_ExtendedQueryResults.	SIF_ResponseObjectsType
SIF_ExtendedQueryResults	C	This element contains the elements requested by SIF_ExtendedQuery in SIF_Request.	SIF_ExtendedQueryResults

Table 5.2.7-1: SIF\_Response

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Response>
    <SIF_Header>
      <SIF_MsgId>1BCD10580EF250789012AC0554321EA2</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>SISAgent</SIF_SourceId>
      <SIF_DestinationId>NetworkAgent</SIF_DestinationId>
    </SIF_Header>
    <SIF_RequestMsgId>FE1078BA3261545A319059376B3A4898</SIF_RequestMsgId>
    <SIF_PacketNumber>1</SIF_PacketNumber>
    <SIF_MorePackets>No</SIF_MorePackets>
    <SIF_ObjectData>
      <LearnerPersonal RefId="E3E34B359D75101A8C3D00AA00184753">
        <PersonalInformation>
          <Name Type="R">
            <FamilyName>Johnson</FamilyName>
            <GivenName>Alicia</GivenName>
          </Name>
        </PersonalInformation>
      </LearnerPersonal>
    </SIF_ObjectData>
  </SIF_Response>
</SIF_Message>
```

Example 5.2.7-2: Sample single-packet SIF\_Response to a SIF\_Request for the Name element from a LearnerPersonal object

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Response>
    <SIF_Header>
      <SIF_MsgId>322925BC9818433E8090D5110EE61DA3</SIF_MsgId>
      <SIF_Timestamp>2006-04-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>SISAgent</SIF_SourceId>
      <SIF_DestinationId>NetworkAgent</SIF_DestinationId>
    </SIF_Header>
    <SIF_RequestMsgId>FE1078BA3261545A31905937B265CE01</SIF_RequestMsgId>
    <SIF_PacketNumber>1</SIF_PacketNumber>
    <SIF_MorePackets>Yes</SIF_MorePackets>
    <SIF_ObjectData>
      <LearnerPersonal RefId="E3E34B359D75101A8C3D00AA00184753">
        <PersonalInformation>
          <Name Type="R">
            <FamilyName>Johnson</FamilyName>
            <GivenName>Alicia</GivenName>
          </Name>
        </PersonalInformation>
      </LearnerPersonal>
    </SIF_ObjectData>
  </SIF_Response>
</SIF_Message>
```

Example 5.2.7-4: SIF\_Response (first packet)

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Response>
    <SIF_Header>
      <SIF_MsgId>322925BC9818433E8090D51256786BC9</SIF_MsgId>
      <SIF_Timestamp>2006-04-18T08:39:49-08:00</SIF_Timestamp>
      <SIF_SourceId>SISAgent</SIF_SourceId>
      <SIF_DestinationId>NetworkAgent</SIF_DestinationId>
    </SIF_Header>
    <SIF_RequestMsgId>FE1078BA3261545A31905937B265CE01</SIF_RequestMsgId>
    <SIF_PacketNumber>2</SIF_PacketNumber>
    <SIF_MorePackets>No</SIF_MorePackets>
    <SIF_ObjectData>
      <LearnerPersonal RefId="E3E34B359D75101A8C3D00AA00184753">
        <PersonalInformation>
          <Name Type="R">
            <FamilyName>Johnson</FamilyName>
            <GivenName>Alicia</GivenName>
          </Name>
        </PersonalInformation>
      </LearnerPersonal>
    </SIF_ObjectData>
  </SIF_Response>
</SIF_Message>

```

Example 5.2.7-6: SIF\_Response (second packet)

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Response>
    <SIF_Header>
      <SIF_MsgId>F557D40A1367455E9F01DED76E29260C</SIF_MsgId>
      <SIF_Timestamp>2006-04-18T08:43:08-08:00</SIF_Timestamp>
      <SIF_SourceId>SISAgent</SIF_SourceId>
      <SIF_DestinationId>NetworkAgent</SIF_DestinationId>
    </SIF_Header>
    <SIF_RequestMsgId>971D7C7EF2684C7081A7765BF89FAD14</SIF_RequestMsgId>
    <SIF_PacketNumber>1</SIF_PacketNumber>
    <SIF_MorePackets>No</SIF_MorePackets>
    <SIF_ObjectData />
  </SIF_Response>
</SIF_Message>

```

Example 5.2.7-8: SIF\_Response with no matching objects

## 5.2.8 SIF\_Subscribe

This message is used to subscribe to event objects that are contained in this message.

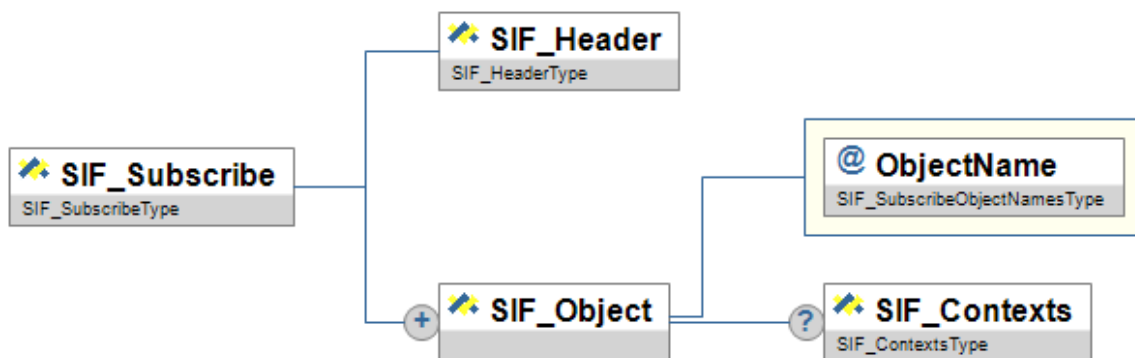


Figure 5.2.8-1: SIF\_Subscribe

Element/@Attribute	Char	Description	Type
SIF_Subscribe	M	This message is used to subscribe to event objects that are contained in this message.	

Element/@Attribute	Char	Description	Type
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Object	MR		
@ ObjectName	M	The actual name of the object that is being subscribed to. All valid SIF_Events for this object will be routed to the subscriber.	SIF_SubscribeObjectNameType
SIF_Object/SIF_Contexts	O	The contexts to which the subscription applies; if omitted, the context is SIF_Default.	SIF_Contexts

Table 5.2.8-1: SIF\_Subscribe

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Subscribe>
    <SIF_Header>
      <SIF_MsgId>AB2065FD3261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_Object ObjectName="LearnerPersonal" />
    <SIF_Object ObjectName="WorkforcePersonal" />
  </SIF_Subscribe>
</SIF_Message>
```

Example 5.2.8-2: SIF\_Subscribe

## 5.2.9 SIF\_SystemControl

A SIF\_SystemControl message is designed to control the flow of data between an agent and ZIS or vice-versa, and to synchronously retrieve data available from the ZIS. The SIF\_SystemControl message is a container for a number of specialized control messages. SIF\_SystemControl messages are handled immediately by receivers and are not persisted in a message queue for later delivery.

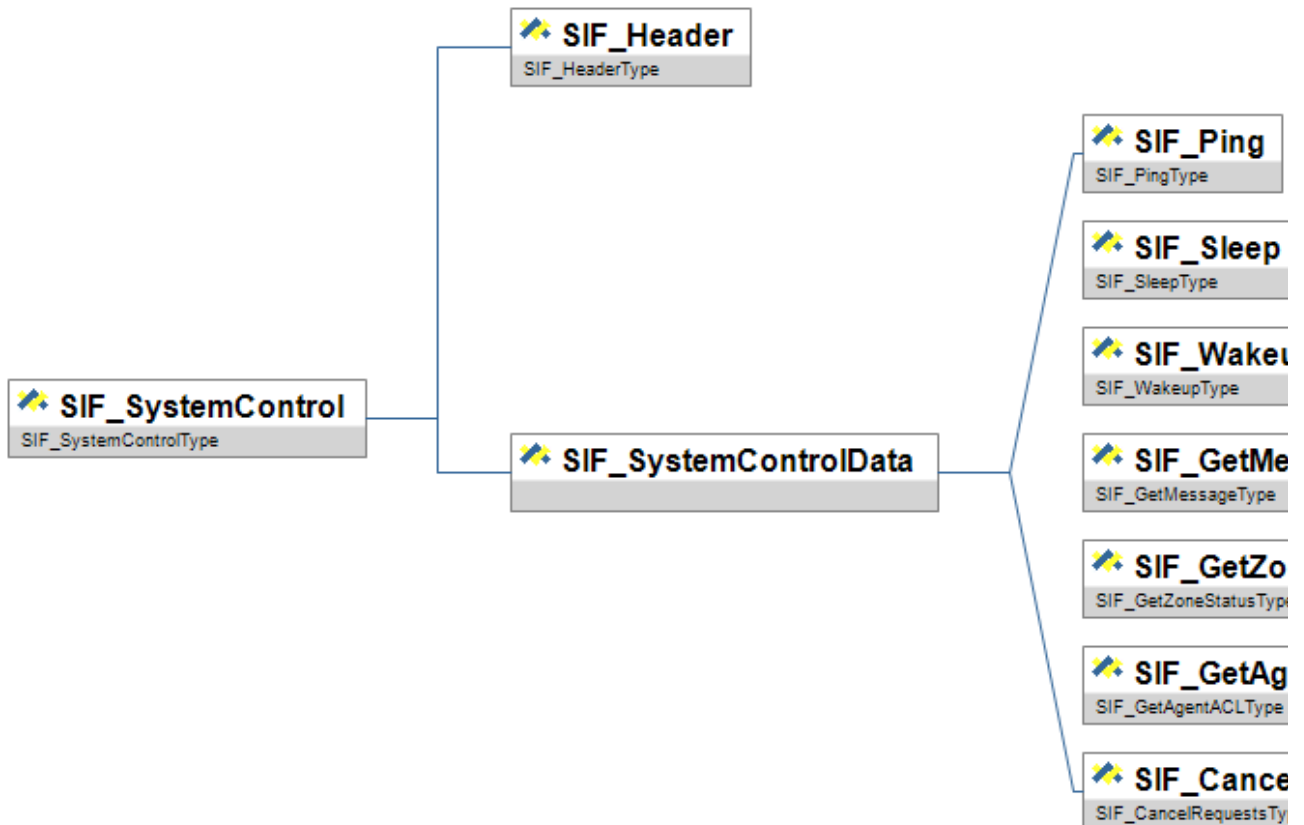


Figure 5.2.9-1: SIF\_SystemControl

Element/@Attribute	Char	Description	Type
<b>SIF_SystemControl</b>	M	This message is designed to control the flow of data an agent and ZIS or vice-versa, and to synchronously retrieve data available from the ZIS.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_SystemControlData	M	This element holds the sub-message being sent.	<b>choice of:</b> SIF_Ping SIF_Sleep SIF_Wakeup SIF_GetMessage SIF_GetZoneStatus SIF_GetAgentACL SIF_CancelRequests

Table 5.2.9-1: SIF\_SystemControl

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>C332B8A9DFA5480AB89B6B6F62BE57B3</SIF_MsgId>
      <SIF_Timestamp>2006-12-27T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_Ping />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>

```

Example 5.2.9-2: SIF\_SystemControl

## 5.2.10 SIF\_Ping

SIF\_Ping is sent to detect if a ZIS or push-mode agent is ready to receive and process messages.



Figure 5.2.10-1: SIF\_Ping

Element/@Attribute	Char	Description	Type
SIF_Ping	M	This sub-message detects if an a Push-Mode Agent or ZIS is ready to receive and process messages.	EMPTY

Table 5.2.10-1: SIF\_Ping

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>C332B8A9DFA5480AB89B6B6F62BE57B3</SIF_MsgId>
      <SIF_Stamp>2006-12-27T08:39:40-08:00</SIF_Stamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_Ping />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>
```

Example 5.2.10-2: SIF\_Ping

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>AE9E2BD747B94F4D8545E41F482854C8</SIF_MsgId>
      <SIF_Stamp>2006-10-14T14:23:20-08:00</SIF_Stamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseyZIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>9812ABFD3261545A31905937B265CE01</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>1</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example 5.2.10-4: SIF\_SystemControl—SIF\_Ping ("Okay" status)

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>3C11DFF1451C4E9A8A1F07E03C1D7FBB</SIF_MsgId>
      <SIF_Stamp>2006-10-14T14:24:31-08:00</SIF_Stamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseyZIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>9812ABFD3261545A31905937B265CE01</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>8</SIF_Code>
      <SIF_Desc>Receiver is sleeping</SIF_Desc>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example 5.2.10-6: SIF\_SystemControl—SIF\_Ping ("Receiver is sleeping" status)

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>1594A3B29DD34786B5EA77998899F49F</SIF_MsgId>
      <SIF_Stamp>2006-10-14T14:24:31-08:00</SIF_Stamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>9812ABFD3261545A31905937B265CE01</SIF_OriginalMsgId>
    <SIF_Error>
      <SIF_Category>10</SIF_Category>
      <SIF_Code>4</SIF_Code>
      <SIF_Desc>Unable to establish connection</SIF_Desc>
      <SIF_ExtendedDesc>Error 10061: Connection refused</SIF_ExtendedDesc>
    </SIF_Error>
  </SIF_Ack>
</SIF_Message>

```

Example 5.2.10-8: SIF\_SystemControl—SIF\_Ping (Transport error returned)

## 5.2.11 SIF\_Sleep

The SIF\_Sleep message allows an agent to notify a ZIS or a ZIS to notify a push-mode agent that it must not send any more messages to the sender of the SIF\_Sleep. After the sender receives a SIF\_Ack indicating that the message was received, the receiver must not send any further messages to the sender.

This message provides the ability to signal an agent or ZIS that the sender will be unable to process further messages until some time in the future. Reasons for sending a SIF\_Sleep message include the sender is unable to process more data because of limited resources (i.e. disk storage, network bandwidth, etc.), or the sender is being temporarily shutdown and will be unable to receive messages.

Since the sender may send a SIF\_Sleep message for a variety of reasons, if the receiver sends messages after a SIF\_Sleep message but prior to receiving a SIF\_Wakeup or SIF\_Register message from the sender, an error must be returned. A transport error will occur or be returned if a connection cannot be established with the sender, or the sender may choose to receive the connection but return an error.

If the sender is an agent, the ZIS will continue to hold any messages for the agent in the queue but the ZIS will not send those messages until a SIF\_Wakeup (or SIF\_Register) message is received. If an agent is processing a message requiring additional SIF\_Requests to be sent to the ZIS and a SIF\_Sleep message is received from the ZIS, the agent will not be able to retrieve the additional data. The agent must abort the processing of the message and only attempt to process the message after receiving a SIF\_Wakeup message from the ZIS.

An agent or ZIS is not required to be able to send SIF\_Sleep messages. However, if an agent or ZIS has the ability to send a SIF\_Sleep, it must also be able to send a SIF\_Wakeup. Although the sending of SIF\_Sleep is optional, an agent or ZIS must always be able to process and respond appropriately to these messages if received.

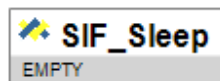


Figure 5.2.11-1: SIF\_Sleep

Element/@Attribute	Char	Description	Type
SIF_Sleep	M	This sub-message tells a receiver not to send any more messages to the sender.	EMPTY

Table 5.2.11-1: SIF\_Sleep



```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>1594A3B29DD34786B5EA77998899F49F</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T14:28:19-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_Sleep />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>

```

Example 5.2.11-2: SIF\_Sleep

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>9F5167FA5CA848F99EB27544B314AF4D</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T14:29:09-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseyZIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>1594A3B29DD34786B5EA77998899F49F</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>1</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>

```

Example 5.2.11-4: SIF\_Ack with "Okay" status in response to SIF\_Sleep

## 5.2.12 SIF\_Wakeup

When the "sleeping" agent or ZIS is ready to resume message processing, it will send a SIF\_Wakeup message. This will signal the receiver that the sender is now able to process messages. Sending a SIF\_Wakeup message without a previous SIF\_Sleep message is permissible and is not considered an error.

If there are any blocked events in the Agent's queue when a ZIS receives the SIF\_Wakeup message, the blocks will be removed.

Since a ZIS may choose to stop sending messages to an agent if a connection cannot be made with that agent, it is recommended that an agent send a SIF\_Wakeup message to the ZIS upon agent startup.

An agent or ZIS is not required to be able to send SIF\_Wakeup messages. Although the sending of SIF\_Wakeup is optional, an agent or ZIS must always be able to process and respond to these messages correctly if received.

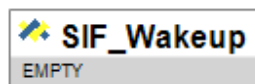


Figure 5.2.12-1: SIF\_Wakeup

Element/@Attribute	Char	Description	Type
SIF_Wakeup	M	This message tells a receiver that the sender is able to process messages.	EMPTY

Table 5.2.12-1: SIF\_Wakeup

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>715A32E026B0495A826DF84E821949BD</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T15:34:22-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_Wakeup />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>

```

Example 5.2.12-2: SIF\_Wakeup

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>5631E28868E3482EAA51B6CDE4145957</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T15:34:48-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseyZIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>715A32E026B0495A826DF84E821949BD</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>1</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>

```

Example 5.2.12-4: SIF\_Ack with an "Okay" status in response to SIF\_Wakeup

### 5.2.12.1 SIF\_Sleep/SIF\_Wakeup versus SIF\_Register/SIF\_Unregister

Using the SIF\_Wakeup message is the preferred method of communicating that an agent or ZIS is ready to process messages. This is preferable over the use of a SIF\_Register message because a SIF\_Register message specifies protocol information while the SIF\_Sleep/SIF\_Wakeup pair communicates flow control information. However, when a SIF\_Register message is processed, the receiver must behave like a SIF\_Wakeup message was also received.

It is important to note that while SIF\_Sleep and SIF\_Wakeup are opposites of one another, this is not the case with SIF\_Register and SIF\_Unregister. This is because a SIF\_Unregister command removes essential agent configuration information such as the provision and subscription lists, which will not be specified by a subsequent SIF\_Register command. (SIF\_Unregister also causes any messages pending delivery to the agent to be purged from the agent's queue.) In other words, a SIF\_Register alone will not reverse the effects of a SIF\_Unregister.

## 5.2.13 SIF\_GetMessage

The SIF\_GetMessage message provides the mechanism for an agent to pull message from a ZIS. An agent sends a SIF\_GetMessage and the ZIS returns the next available message, subject to Selective Message Blocking, wrapped in a SIF\_Ack with a SIF\_Status/SIF\_Code of 0 and the message in the SIF\_Status/SIF\_Data element. If there are no messages to be returned, the ZIS returns a value of 9 in SIF\_Status/SIF\_Code.

If an agent is not registered with a mode of Pull the ZIS will return a SIF\_Ack with an error category of Registration and an error code indicating the agent is registered in Push mode.

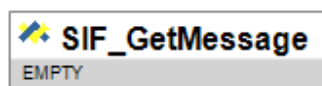


Figure 5.2.13-1: SIF\_GetMessage

Element/@Attribute	Char	Description	Type
SIF_GetMessage	M	This message tells the ZIS to return the first available message to the agent, subject to Selective Message Blocking.	EMPTY

Table 5.2.13-1: SIF\_GetMessage

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>B0E80A74265A4A75ADDC0ECC50AEF737</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T15:54:32-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_GetMessage />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>
```

Example 5.2.13-2: SIF\_GetMessage

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>9861A45AAC364607938A7DB440514DDF</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T15:54:42-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>B0E80A74265A4A75ADDC0ECC50AEF737</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>0</SIF_Code>
    <SIF_Data>
      <SIF_Message Version="2.1">
        <SIF_Event>
          <SIF_Header>
            <SIF_MsgId>AB34DC093261545A31905937B265CE01</SIF_MsgId>
            <SIF_Timestamp>2006-10-14T15:40:12-08:00</SIF_Timestamp>
            <SIF_SourceId>RamseySIS</SIF_SourceId>
          </SIF_Header>
          <SIF_ObjectData>
            <SIF_EventObject ObjectName="LearnerPersonal" Action="Change">
              <LearnerPersonal RefId="D3E34B359D75101A8C3D00AA001A1652">
                <PersonalInformation>
                  <Name Type="R">
                    <GivenName>William</GivenName>
                  </Name>
                </PersonalInformation>
              </LearnerPersonal>
            </SIF_EventObject>
          </SIF_ObjectData>
        </SIF_Event>
      </SIF_Message>
    </SIF_Data>
  </SIF_Status>
</SIF_Ack>
</SIF_Message>
```

Example 5.2.13-4: SIF\_Ack in response to SIF\_GetMessage

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>9861A45AAC364607938A7DB440514DDF</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T15:54:42-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>B0E80A74265A4A75ADDC0ECC50AEF737</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>9</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example 5.2.13-6: SIF\_Ack in response to SIF\_GetMessage (no message in queue)

## 5.2.14 SIF\_GetZoneStatus

The `SIF_GetZoneStatus` message provides the agent with the ability to synchronously retrieve the current status of the zone, by-passing the asynchronous nature of retrieving the zone status by sending a `SIF_Request` for `SIF_ZoneStatus` and waiting for the arrival of the `SIF_ZoneStatus` response at the top of its queue. Agents may also use the asynchronous model for requesting `SIF_ZoneStatus`, if and when desired.

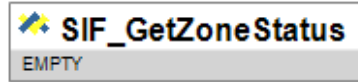


Figure 5.2.14-1: `SIF_GetZoneStatus`

Element/@Attribute	Char	Description	Type
<code>SIF_GetZoneStatus</code>	M	This message tells the ZIS to return the current <code>SIF_ZoneStatus</code> in a <code>SIF_Ack</code> .	EMPTY

Table 5.2.14-1: `SIF_GetZoneStatus`

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>91401B5073F54AB1AEB63E51764C77A</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T16:09:54-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_GetZoneStatus />
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>
```

Example 5.2.14-2: `SIF_GetZoneStatus`

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>C4BF5F868EEC4A41AF7DAF316C4E89DC</SIF_MsgId>
      <SIF_Timestamp>2006-10-14T16:10:42-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>91401B5073F54AB1AEB63E51764C77A</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>0</SIF_Code>
      <SIF_Data>
        <SIF_ZoneStatus ZoneId="SIFExampleZone">...</SIF_ZoneStatus>
      </SIF_Data>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example 5.2.14-4: `SIF_Ack` containing `SIF_ZoneStatus`

## 5.2.15 SIF\_GetAgentACL

The `SIF_GetAgentACL` message provides the agent with the ability to synchronously retrieve its Access Control List permissions in the Zone via `SIF_AgentACL`. Agents may also use the asynchronous model of `SIF_Request` for requesting `SIF_AgentACL`, if and when desired.



Figure 5.2.15-1: SIF\_GetAgentACL

Element/@Attribute	Char	Description	Type
SIF_GetAgentACL	M	This message tells the ZIS to return the Agent's ACL permissions in a SIF_Ack.	EMPTY

Table 5.2.15-1: SIF\_GetAgentACL

## 5.2.16 SIF\_CancelRequests

The SIF\_SystemControl—SIF\_CancelRequests message allows an Agent or ZIS to notify a ZIS or Push-Mode Agent, respectively, that the specified SIF\_Requests should be cancelled, whether pending or in process. Handling by a Push-Mode Agent is optional; if unsupported, the Agent returns a Generic Message Handling error upon receipt of the SIF\_SystemControl message, error code "Message not supported."



Figure 5.2.16-1: SIF\_CancelRequests

Element/@Attribute	Char	Description	Type
SIF_CancelRequests	M	This sub-message asks a receiver (ZIS or Push-Mode Agent) to cancel the specified SIF_Requests, pending or in process.	
SIF_NotificationType	M		<b>values:</b> Standard ZIS will send a "final" SIF_Response for each cancelled SIF_Request. None No further SIF_Responses for these requests will be placed in the Agent's queue.
SIF_RequestMsgIds	M	The list of SIF_Requests to cancel.	List
SIF_RequestMsgIds/SIF_RequestMsgId	MR	This is the SIF_MsgId of the SIF_Request message being cancelled.	MsgIdType

Table 5.2.16-1: SIF\_CancelRequests

```

<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_SystemControl>
    <SIF_Header>
      <SIF_MsgId>C332B8A9DFA5480AB89B6B6F62BE57B3</SIF_MsgId>
      <SIF_Timestamp>2006-12-27T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>AcmeAgent</SIF_SourceId>
    </SIF_Header>
    <SIF_SystemControlData>
      <SIF_CancelRequests>
        <SIF_NotificationType>None</SIF_NotificationType>
        <SIF_RequestMsgIds>
          <SIF_RequestMsgId>C332B8A9DFA5480AB89B6B6F62BE57B3</SIF_RequestMsgId>
          <SIF_RequestMsgId>1058ABCDE028D076F08365109BE7C892</SIF_RequestMsgId>
        </SIF_RequestMsgIds>
      </SIF_CancelRequests>
    </SIF_SystemControlData>
  </SIF_SystemControl>
</SIF_Message>

```

Example 5.2.16-2: SIF\_CancelRequests

## 5.2.17 SIF\_Unprovide

This message performs the opposite function of SIF\_Provide. It removes the message sender as a provider of the data objects contained in this message.

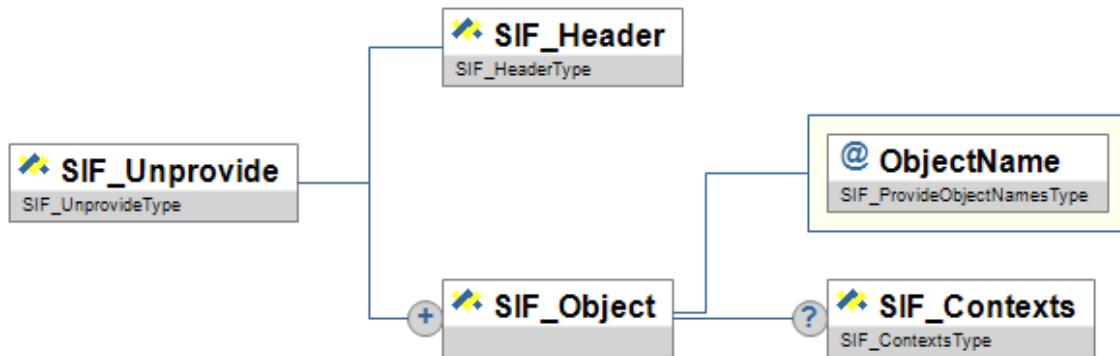


Figure 5.2.17-1: SIF\_Unprovide

Element/@Attribute	Char	Description	Type
SIF_Unprovide	M	This message performs the opposite function of SIF_Provide.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Object	MR	This is the object that is being removed from the provider list.	
@ ObjectName	M	The actual name of the object that is being removed.	SIF_ProvideObjectNamesType

Element/@Attribute	Char	Description	Type
SIF_Object/SIF_Contexts	O	The contexts from which the object is being removed; if omitted, the context is SIF_Default.	SIF_Contexts

Table 5.2.17-1: SIF\_Unprovide

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Unprovide>
    <SIF_Header>
      <SIF_MsgId>76EFAB543261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
    </SIF_Header>
    <SIF_Object ObjectName="LearnerPersonal" />
    <SIF_Object ObjectName="WorkforcePersonal" />
  </SIF_Unprovide>
</SIF_Message>
```

Example 5.2.17-2: SIF\_Unprovide

## 5.2.18 SIF\_Unregister

This message allows an agent to remove any association it has with the ZIS. By sending this message, the ZIS will remove all provisions and subscriptions it maintains for the sender and discards any messages pending for the agent.



Figure 5.2.18-1: SIF\_Unregister

Element/@Attribute	Char	Description	Type
SIF_Unregister	M	This message is used to unregister an agent from a Zone.	
SIF_Header	M	Header information contained in the message.	SIF_Header

Table 5.2.18-1: SIF\_Unregister

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Unregister>
    <SIF_Header>
      <SIF_MsgId>1057FABD3261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyFOOD</SIF_SourceId>
    </SIF_Header>
  </SIF_Unregister>
</SIF_Message>
```

Example 5.2.18-2: SIF\_Unregister

## 5.2.19 SIF\_Unsubscribe

This message performs the opposite function of SIF\_Subscribe. It removes the message sender as a subscriber to the

SIF\_Events contained in this message.

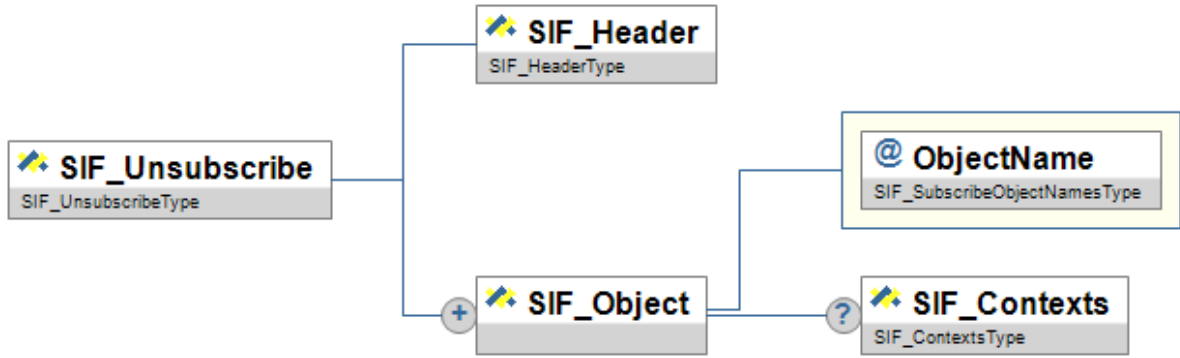


Figure 5.2.19-1: SIF\_Unsubscribe

Element/@Attribute	Char	Description	Type
<b>SIF_Unsubscribe</b>	M	This message is used to unsubscribe from SIF_Events.	
SIF_Header	M	Header information associated with this message.	SIF_Header
SIF_Object	MR		
@ ObjectName	M	The actual name of the object from which the agent should be unsubscribed. Events pertaining to this object published after successful unsubscription will no longer be queued for delivery to the agent. Events already queued for delivery to the agent prior to unsubscription will be delivered.	SIF_SubscribeObjectNamesType
SIF_Object/SIF_Contexts	O	The applicable contexts; if omitted, the context is SIF_Default.	SIF_Contexts

Table 5.2.19-1: SIF\_Unsubscribe

```

<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Unsubscribe>
    <SIF_Header>
      <SIF_MsgId>101AE3703261545A31905937B265CE01</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T20:39:12-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyFOOD</SIF_SourceId>
    </SIF_Header>
    <SIF_Object ObjectName="LearnerPersonal" />
    <SIF_Object ObjectName="WorkforcePersonal" />
  </SIF_Unsubscribe>
</SIF_Message>
  
```

Example 5.2.19-2: SIF\_Unsubscribe

## 5.3 Objects



### 5.3.1 SIF\_ZoneStatus

The `SIF_ZoneStatus` object is an object that is implicitly provided by all Zone Integration Servers to provide information about the ZIS. Zone Integration Servers **MUST** provide this object.

**Change events are supported on `SIF_ZoneStatus`.**

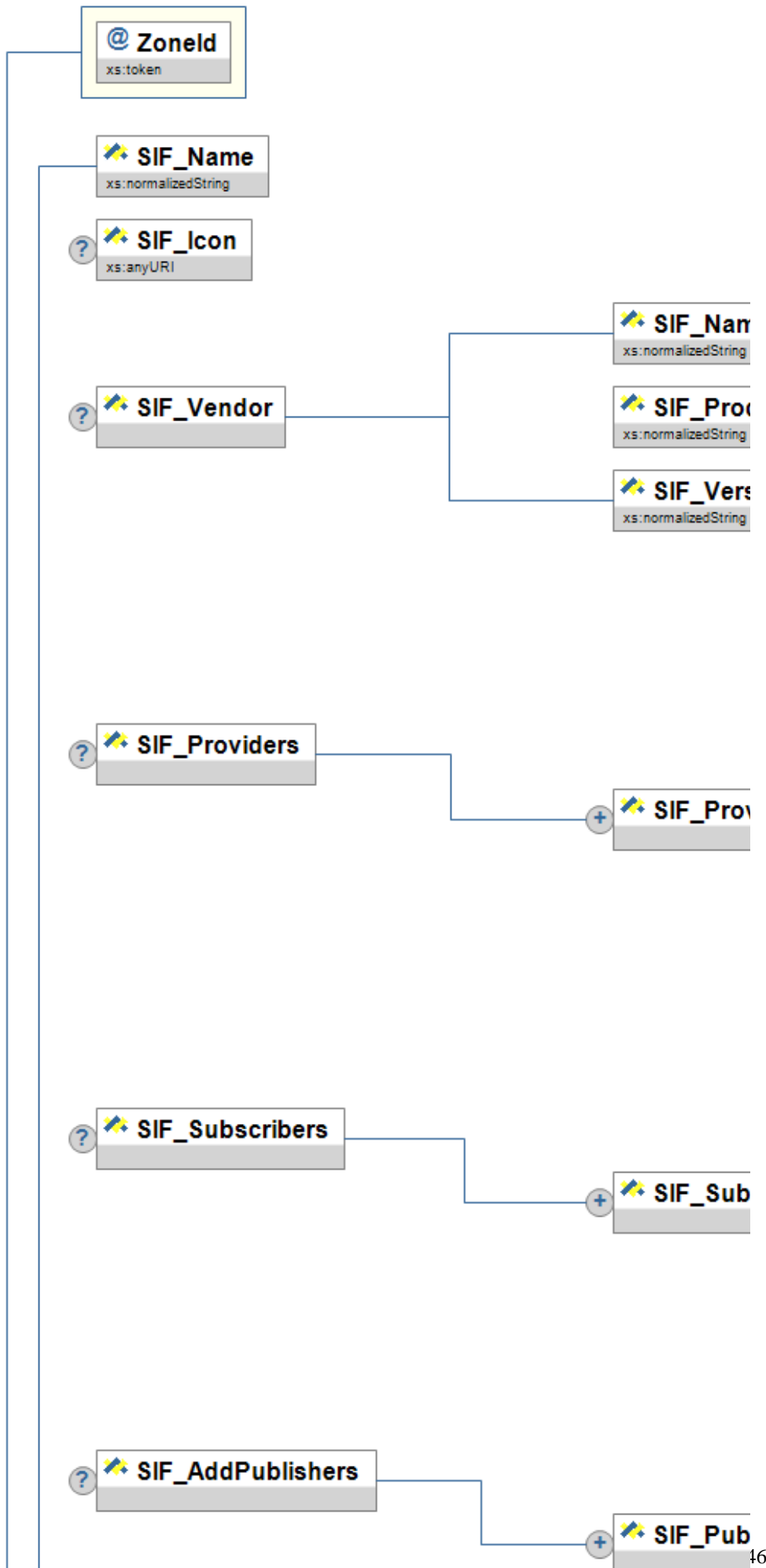



Figure 5.3.1-1: SIF\_ZoneStatus

	Element/@Attribute	Char	Description	Type
	<b>SIF_ZoneStatus</b>		The SIF_ZoneStatus object is an object that is implicitly provided by all Zone Integration Servers to provide information about the ZIS. Zone Integration Servers <b>MUST</b> provide this object.	
@ 	ZoneId	M	The identifier for this Zone. It is the same as the SIF_SourceId that the ZIS would place in any SIF_Header that it creates.	xs:token
	SIF_Name	M	The descriptive name for the zone.	xs:normalizedString
	SIF_Icon	O	HTTP URL referencing an icon for graphical representation of the ZIS/Zone. Should range from 16x16 pixels to 128x128 pixels and be of an image MIME type commonly supported by Web browsers (e.g. PNG, JPEG, GIF). Agents may optionally follow the more restrictive guidelines at [FAVICON].	xs:anyURI
	SIF_Vendor	O	Contains information about the vendor that wrote this ZIS.	
	SIF_Vendor/SIF_Name	M	The name of the company that wrote the ZIS.	xs:normalizedString
	SIF_Vendor/SIF_Product	M	The product name assigned by the vendor to identify this ZIS.	xs:normalizedString
	SIF_Vendor/SIF_Version	M	The version of the vendor's product—not necessarily the SIF version.	xs:normalizedString
	SIF_Providers	C	Encompasses all the providers registered with this ZIS. This element is mandatory if there are providers registered with the ZIS.	List

	<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
	SIF_Providers/SIF_Provider	MR		
@	SourceId	M	The identifier of the SIF node that is providing objects. This is the agent or ZIS identifier that would appear in the SIF_SourceId field of any SIF_Header created by the SIF node.	xs:token xs:maxLength 64
	SIF_Providers/SIF_Provider/ SIF_ObjectList	M		List
	SIF_Providers/SIF_Provider/ SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object being provided by this SIF node.	ObjectNameType
	SIF_Providers/SIF_Provider/ SIF_ObjectList/SIF_Object/ SIF_ExtendedQuerySupport	M		xs:boolean
	SIF_Providers/SIF_Provider/ SIF_ObjectList/SIF_Object/ SIF_Contexts	M		SIF_Contexts
	SIF_Subscribers	C	Encompasses all the subscribers registered with this ZIS. This element is mandatory if there are subscribers registered with the ZIS.	List
	SIF_Subscribers/SIF_Subscriber	MR		
@	SourceId	M	The identifier of the SIF node that is subscribing to the object events. This is the agent or ZIS identifier that would appear in the SIF_SourceId field of any SIF_Header created by the SIF node.	xs:token xs:maxLength 64
	SIF_Subscribers/SIF_Subscriber/ SIF_ObjectList	M		List
	SIF_Subscribers/SIF_Subscriber/ SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object being subscribed to by this SIF node.	ObjectNameType
	SIF_Subscribers/SIF_Subscriber/ SIF_ObjectList/SIF_Object/ SIF_Contexts	M		SIF_Contexts

	Element/@Attribute	Char	Description	Type
	SIF_AddPublishers	C	Encompasses all the Add SIF_Event publishers registered with this zone.	List
	SIF_AddPublishers/SIF_Publisher	MR		
@	SourceId	M	The identifier of the SIF node that can publish the SIF_Event. This is the agent identifier that would appear in the SIF_SourceId field of any SIF_Header created by the agent.	xs:token <div style="border: 1px solid black; padding: 2px; display: inline-block;">xs:maxLength 64</div>
	SIF_AddPublishers/SIF_Publisher/SIF_ObjectList	M		List
	SIF_AddPublishers/SIF_Publisher/SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object being published by this agent.	ObjectNameType
	SIF_AddPublishers/SIF_Publisher/SIF_ObjectList/SIF_Object/SIF_Contexts	M		SIF_Contexts
	SIF_ChangePublishers	C	Encompasses all the Change SIF_Event publishers registered with this zone.	List
	SIF_ChangePublishers/SIF_Publisher	MR		
@	SourceId	M	The identifier of the SIF node that can publish the SIF_Event. This is the agent identifier that would appear in the SIF_SourceId field of any SIF_Header created by the agent.	xs:token <div style="border: 1px solid black; padding: 2px; display: inline-block;">xs:maxLength 64</div>
	SIF_ChangePublishers/SIF_Publisher/SIF_ObjectList	M		List
	SIF_ChangePublishers/SIF_Publisher/SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object being published by this agent.	ObjectNameType
	SIF_ChangePublishers/SIF_Publisher/SIF_ObjectList/SIF_Object/SIF_Contexts	M		SIF_Contexts

	Element/@Attribute	Char	Description	Type
	SIF_DeletePublishers	C	Encompasses all the Delete SIF_Event publishers registered with this zone.	List
	SIF_DeletePublishers/SIF_Publisher	MR		
@	SourceId	M	The identifier of the SIF node that can publish the SIF_Event. This is the agent identifier that would appear in the SIF_SourceId field of any SIF_Header created by the agent.	xs:token xs:maxLength 64
	SIF_DeletePublishers/SIF_Publisher/SIF_ObjectList	M		List
	SIF_DeletePublishers/SIF_Publisher/SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object being published by this agent.	ObjectNameType
	SIF_DeletePublishers/SIF_Publisher/SIF_ObjectList/SIF_Object/SIF_Contexts	M		SIF_Contexts
	SIF_Responders	C	Encompasses all the responders registered with this zone.	List
	SIF_Responders/SIF_Responder	MR		
@	SourceId	M	The identifier of the SIF node that can respond. This is the agent identifier that would appear in the SIF_SourceId field of any SIF_Header created by the agent.	xs:token xs:maxLength 64
	SIF_Responders/SIF_Responder/SIF_ObjectList	M		List
	SIF_Responders/SIF_Responder/SIF_ObjectList/SIF_Object	MR		
@	ObjectName	M	The name of the object for which the agent can respond to requests.	ObjectNameType
	SIF_Responders/SIF_Responder/SIF_ObjectList/SIF_Object/SIF_ExtendedQuerySupport	M		xs:boolean

	Element/@Attribute	Char	Description	Type		
	SIF_Responders/SIF_Responder/ SIF_ObjectList/SIF_Object/ SIF_Contexts	M		SIF_Contexts		
	SIF_Requesters	C	Encompasses all the requesters registered with this zone.	List		
	SIF_Requesters/SIF_Requester	MR				
@	SourceId	M	The identifier of the SIF node that can request an object. This is the agent identifier that would appear in the SIF_SourceId field of any SIF_Header created by the agent.	xs:token <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>xs:maxLength</td><td>64</td></tr></table>	xs:maxLength	64
xs:maxLength	64					
	SIF_Requesters/SIF_Requester/ SIF_ObjectList	M		List		
	SIF_Requesters/SIF_Requester/ SIF_ObjectList/SIF_Object	MR				
@	ObjectName	M	The name of the object being requested by this agent.	ObjectNameType		
	SIF_Requesters/SIF_Requester/ SIF_ObjectList/SIF_Object/ SIF_ExtendedQuerySupport	M		xs:boolean		
	SIF_Requesters/SIF_Requester/ SIF_ObjectList/SIF_Object/ SIF_Contexts	M		SIF_Contexts		
	SIF_SIFNodes	C	Encompasses all of the nodes registered with the ZIS. This element is mandatory if there are SIF nodes registered.	List		
	SIF_SIFNodes/SIF_SIFNode	MR				
@	Type	M	The type of the node registered with the ZIS. Note that ZIS is forward-looking and not used currently; all information about this Zone/ZIS is contained outside SIF_SIFNodes.	<b>values:</b> Agent ZIS		
	SIF_SIFNodes/SIF_SIFNode/ SIF_Name	M	The descriptive name of the SIF node (i.e. Ramsey Food Services).	xs:normalizedString		

Element/@Attribute	Char	Description	Type
SIF_SIFNodes/SIF_SIFNode/SIF_Icon	O	HTTP URL referencing an icon for graphical representation of the application/agent. Should range from 16x16 pixels to 128x128 pixels and be of an <code>image</code> MIME type commonly supported by Web browsers (e.g. PNG, JPEG, GIF). Agents may optionally follow the more restrictive guidelines at <a href="#">[FAVICON]</a> .	<code>xs:anyURI</code>
SIF_SIFNodes/SIF_SIFNode/SIF_NodeVendor	O	The vendor of the SIF agent.	<code>xs:normalizedString</code> <code>xs:maxLength</code> 256
SIF_SIFNodes/SIF_SIFNode/SIF_NodeVersion	O	The agent version number. The format of this field is undefined, but it should match the format used in the agent's conformance statement, if the agent is SIF Certified.  <b>Examples</b> 2.0.1.11	<code>xs:normalizedString</code> <code>xs:maxLength</code> 32
SIF_SIFNodes/SIF_SIFNode/SIF_Application	O	Contains information about the vendor of the product that the agent represents.	
SIF_SIFNodes/SIF_SIFNode/SIF_Application/SIF_Vendor	M	The name of the company of the product that this agent supports.	<code>xs:normalizedString</code> <code>xs:maxLength</code> 256
SIF_SIFNodes/SIF_SIFNode/SIF_Application/SIF_Product	M	The name of the product that this agent supports.	<code>xs:normalizedString</code> <code>xs:maxLength</code> 256
SIF_SIFNodes/SIF_SIFNode/SIF_Application/SIF_Version	M	The version of the product. This field is informative only.	<code>xs:normalizedString</code> <code>xs:maxLength</code> 32
SIF_SIFNodes/SIF_SIFNode/SIF_SourceId	M	The agent or ZIS identifier. This is the same value that the SIF node would place in any <code>SIF_Header</code> that it would create.	<code>xs:token</code> <code>xs:maxLength</code> 64
SIF_SIFNodes/SIF_SIFNode/SIF_Mode	M	Specifies the communication mode (Pull or Push) as chosen by the message sender.	<b>values:</b> Push Pull



Element/@Attribute	Char	Description	Type
SIF_SIFNodes/SIF_SIFNode/ SIF_Protocol	O	Describes the currently active protocol that the SIF node is using to communicate with the ZIS.	SIF_Protocol
SIF_SIFNodes/SIF_SIFNode/ SIF_VersionList	M		List
SIF_SIFNodes/SIF_SIFNode/ SIF_VersionList/SIF_Version	MR	This is the version or versions of the SIF Implementation Specification that define(s) the messages the SIF node can receive. For agents, this information was communicated when the SIF node registered with the ZIS.	VersionWithWildcardsType
SIF_SIFNodes/SIF_SIFNode/ SIF_AuthenticationLevel	O	This is the level of authentication that the SIF node supports when it wants to communicate via a secure channel.	SIF_AuthenticationLevel
SIF_SIFNodes/SIF_SIFNode/ SIF_EncryptionLevel	O	This is the level of encryption that the SIF node supports when it wants to communicate via a secure channel.	SIF_EncryptionLevel
SIF_SIFNodes/SIF_SIFNode/ SIF_MaxBufferSize	M	Specifies that the ZIS should never send packets larger than this value. Query responses from other providers are controlled by the SIF_MaxBufferSize attribute in the SIF_Request message.	xs:unsignedInt
SIF_SIFNodes/SIF_SIFNode/ SIF_Sleeping	M	This element shows whether the SIF node is ready to process messages.	<b>values:</b> No The SIF node is ready to process messages Yes The SIF node is sleeping and cannot process messages
SIF_SupportedAuthentication	C	Enumerates the various authentication protocols that the ZIS supports. If the ZIS supports an authentication protocol this element is mandatory.	List
SIF_SupportedAuthentication/ SIF_ProtocolName	MR	Describes a particular authentication protocol supported.	<b>values:</b> x.509

Element/@Attribute	Char	Description	Type
SIF_SupportedProtocols	M	Enumerates the various communication transport protocols that are supported by the ZIS.	List
SIF_SupportedProtocols/SIF_Protocol	MR		SIF_Protocol
SIF_SupportedVersions	M	Enumerates the versions of the SIF Implementation Specification that this ZIS can use when communicating with the agent.	List
SIF_SupportedVersions/SIF_Version	MR	Lists a specific SIF Implementation Specification version.	VersionType
SIF_AdministrationURL	O	Should a ZIS vendor provide an administration interface for the zone via a URL, the ZIS can make the URL available in SIF_ZoneStatus. Agent administrators can use the URL to access zone administration features, should they have permission to do so.	xs:anyURI
SIF_Contexts	M		SIF_Contexts
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 5.3.1-1: SIF\_ZoneStatus

```

<SIF_ZoneStatus ZoneId="RamseyZIS">
  <SIF_Name>Ramsey Elementary</SIF_Name>
  <SIF_Vendor>
    <SIF_Name>ZoneMaster, Inc.</SIF_Name>
    <SIF_Product>ZonePlus Zone Integration Server</SIF_Product>
    <SIF_Version>3.01</SIF_Version>
  </SIF_Vendor>
  <SIF_Providers>
    <SIF_Provider SourceId="RamseySIS">
      <SIF_ObjectList>
        <SIF_Object ObjectName="LearnerPersonal">
          <SIF_ExtendedQuerySupport>false</SIF_ExtendedQuerySupport>
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
        <SIF_Object ObjectName="LearnerSchoolEnrolment">
          <SIF_ExtendedQuerySupport>false</SIF_ExtendedQuerySupport>
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
      </SIF_ObjectList>
    </SIF_Provider>
  </SIF_Providers>
  <SIF_Subscribers>
    <SIF_Subscriber SourceId="RamseyFOOD">
      <SIF_ObjectList>
        <SIF_Object ObjectName="LearnerPersonal">
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
        <SIF_Object ObjectName="LearnerPersonalEnrolment">
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
      </SIF_ObjectList>
    </SIF_Subscriber>
    <SIF_Subscriber SourceId="RamseyLIB">
      <SIF_ObjectList>
        <SIF_Object ObjectName="LearnerPersonal">
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
        <SIF_Object ObjectName="LearnerSchoolEnrolment">
          <SIF_Contexts>
            <SIF_Context>SIF_Default</SIF_Context>
          </SIF_Contexts>
        </SIF_Object>
      </SIF_ObjectList>
    </SIF_Subscriber>
  </SIF_Subscribers>
  <SIF_SIFNodes>
    <SIF_SIFNode Type="Agent">
      <SIF_Name>Ramsey Food Services</SIF_Name>
      <SIF_SourceId>RamseyFOOD</SIF_SourceId>
      <SIF_Mode>Push</SIF_Mode>
      <SIF_Protocol Type="HTTPS" Secure="Yes">
        <SIF_URL>https://RamseyNT:8010/FoodService</SIF_URL>
      </SIF_Protocol>
      <SIF_VersionList>
        <SIF_Version>2.1</SIF_Version>
      </SIF_VersionList>
      <SIF_MaxBufferSize>16384</SIF_MaxBufferSize>
      <SIF_Sleeping>No</SIF_Sleeping>
    </SIF_SIFNode>
    <SIF_SIFNode Type="Agent">
      <SIF_Name>Ramsey Media Resource Center</SIF_Name>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
      <SIF_Mode>Pull</SIF_Mode>
      <SIF_Protocol Type="HTTPS" Secure="Yes">
        <SIF_URL>https://RamseyNT:8020/Library</SIF_URL>
      </SIF_Protocol>
      <SIF_VersionList>
        <SIF_Version>2.1</SIF_Version>
      </SIF_VersionList>
      <SIF_MaxBufferSize>16384</SIF_MaxBufferSize>
      <SIF_Sleeping>No</SIF_Sleeping>
    </SIF_SIFNode>
    <SIF_SIFNode Type="Agent">
      <SIF_Name>Ramsey Administration</SIF_Name>
      <SIF_SourceId>RamseySIS</SIF_SourceId>
      <SIF_Mode>Push</SIF_Mode>
      <SIF_Protocol Type="HTTPS" Secure="Yes">
        <SIF_URL>https://RamseyNT:8030/StudentAdmin</SIF_URL>
      </SIF_Protocol>
      <SIF_VersionList>
        <SIF_Version>2.1</SIF_Version>
      </SIF_VersionList>
      <SIF_MaxBufferSize>16384</SIF_MaxBufferSize>
      <SIF_Sleeping>No</SIF_Sleeping>
    </SIF_SIFNode>
  </SIF_SIFNodes>
  <SIF_SupportedAuthentication>
    <SIF_ProtocolName>X.509</SIF_ProtocolName>
  </SIF_SupportedAuthentication>
  <SIF_SupportedProtocols>

```

### 5.3.2 SIF\_AgentACL

This object provides an Agent its access control list (ACL) settings in the Zone. It does not communicate which objects the Agent is currently registered as providing, subscribing, publishing, requesting, or responding; it simply lists the ACL rights granted to the Agent in the Zone. When objects are absent from any of the access lists, the Agent does not have the necessary rights to perform the given action on the object. While an Agent may asynchronously request this object from the ZIS via `SIF_Request`, it is typically returned synchronously in response to the `SIF_SystemControl` message `SIF_GetAgentACL`; it is also returned synchronously in response to `SIF_Register`.

**Typically only** `Change` events are reported.

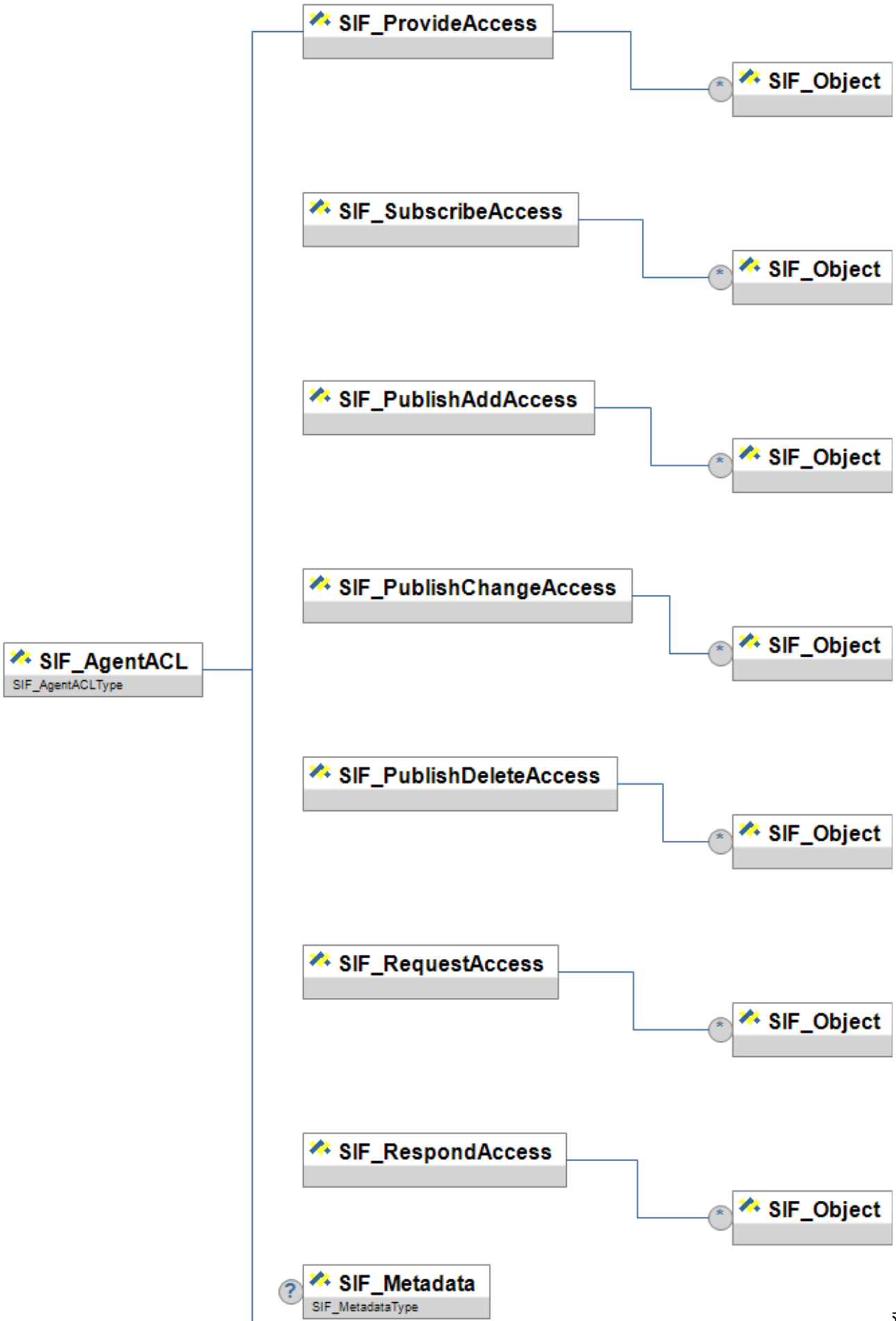


Figure 5.3.2-1: SIF\_AgentACL

	<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
	<b>SIF_AgentACL</b>		This object provides an Agent its access control list (ACL) settings in the Zone.	
	SIF_ProvideAccess	M	Access control list by object for SIF_Provide and corresponding section in SIF_Provision.	List
	SIF_ProvideAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_ProvideAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_SubscribeAccess	M	Access control list by object for SIF_Subscribe and corresponding section in SIF_Provision.	List
	SIF_SubscribeAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_SubscribeAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_PublishAddAccess	M	Access control list by object for corresponding section in SIF_Provision, whether the Agent has the right to publish Add events.	List
	SIF_PublishAddAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_PublishAddAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts

	<b>Element/@ Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
	SIF_PublishChangeAccess	M	Access control list by object for corresponding section in SIF_Provision, whether the Agent has the right to publish Change events.	List
	SIF_PublishChangeAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_PublishChangeAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_PublishDeleteAccess	M	Access control list by object for corresponding section in SIF_Provision, whether the Agent has the right to publish Delete events.	List
	SIF_PublishDeleteAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_PublishDeleteAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_RequestAccess	M	Access control list by object for SIF_Request and corresponding section in SIF_Provision.	List
	SIF_RequestAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_RequestAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_RespondAccess	M	Access control list by object for corresponding section in SIF_Provision, whether the Agent has the right to respond to requests for an object regardless of being the Provider of that object.	List

	Element/@Attribute	Char	Description	Type
	SIF_RespondAccess/SIF_Object	OR		
@	ObjectName	M	The name of each object.	ObjectNameType
	SIF_RespondAccess/SIF_Object/ SIF_Contexts	M	List of contexts in which rights for the given action/object apply.	SIF_Contexts
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 5.3.2-1: SIF\_AgentACL

```

<SIF_AgentACL>
  <SIF_ProvideAccess>
    <SIF_Object ObjectName="LearnerPersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_ProvideAccess>
  <SIF_SubscribeAccess>
    <SIF_Object ObjectName="WorkforcePersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_SubscribeAccess>
  <SIF_PublishAddAccess>
    <SIF_Object ObjectName="LearnerPersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_PublishAddAccess>
  <SIF_PublishChangeAccess>
    <SIF_Object ObjectName="LearnerPersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_PublishChangeAccess>
  <SIF_PublishDeleteAccess>
    <SIF_Object ObjectName="LearnerPersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_PublishDeleteAccess>
  <SIF_RequestAccess>
    <SIF_Object ObjectName="WorkforcePersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_RequestAccess>
  <SIF_RespondAccess>
    <SIF_Object ObjectName="LearnerPersonal">
      <SIF_Contexts>
        <SIF_Context>SIF_Default</SIF_Context>
      </SIF_Contexts>
    </SIF_Object>
  </SIF_RespondAccess>
</SIF_AgentACL>

```

Example 5.3.2-2: SIF\_AgentACL



# 6 Data Model

## 6.1 Introduction

This section presents the XML structure for SIF Data Model common elements and objects in a tabular format for readers less versed in parsing formal XML schema definitions, along with conventions that typically apply in the data model for easy reference.

### 6.1.1 Format

The Char(acteristics) column for all of the tables in this section use the following codes:

Code	Characteristic
M	Mandatory element or attribute
O	Optional element or attribute
C	Conditional element or attribute
MR	Mandatory and repeatable element
OR	Optional and repeatable element
CR	Conditional and repeatable element

Mandatory elements **MUST**

be present in Add events, and in non-empty and non-error responses to requests for entire SIF objects (e.g., no SIF\_Query/SIF\_QueryObject/SIF\_Element elements supplied in the request). Mandatory attributes **MUST** always be present if their corresponding element is present.

SIF Agents and Zone Integration Servers **MUST** supply data according to the types specified in the Type columns and their corresponding equivalents in the most recent schema files associated with this specification. If there is a discrepancy between object and element definitions in this specification and the corresponding schema files, the definition in the schema files takes precedence; every effort will be made to note discrepancies in the [errata](#) for this document as they are identified.

### 6.1.2 Conventions

#### 6.1.2.1 Object Attributes/Primary Keys

While XML attributes are primarily used in SIF to provide additional processing information regarding the associated element content, attributes at the root level of an object have special significance. These attributes serve as the primary key or identifier for the object; in many cases this is no more than a RefId GUID of RefIdType, though the primary key may consist solely of foreign key references to other SIF objects and include school years, dates, etc. These key attributes are immutable over the lifetime of an object and serve the purpose of uniquely identifying an object, especially in Change and Delete events. Some groups include non-primary key attributes in object attributes (e.g. mandatory foreign key references to other objects) and attributes that provide additional processing information regarding the objects. As SIF currently mandates that all object attributes be included in all messages, when a SIFA working group or task force places a non-primary key attribute in the object's attribute definitions (typically out of historical query conventions), they are indicating that this value must still be accessible to systems in Change and, more notably, Delete events. All object attributes must be supplied to identify the object in Change and Delete events.

#### 6.1.2.2 Object References

As stated elsewhere, SIF primarily uses GUIDs as object identifiers, primary keys, or RefIds. References to primary keys (foreign key references) follow certain conventions in SIF in most objects:

- An element or attribute of type `IdRefType` can be defined that consists of the referenced object name concatenated with `RefId`, e.g., `LearnerPersonalRefId` (a reference to the object identifier/primary key/`RefId` of a `LearnerPersonal` object);
- An element requiring a more descriptive name for the reference or one that refers to more than one object type is defined as `IdRefType`, has an element name of a group's choosing (or generically `SIF_RefId`) and enumerates all possible object types that can be referenced in the `SIF_RefObject` attribute; or
- A pair of attributes can be defined, one of type `IdRefType` containing the referenced object's `RefId`, the other enumerating all possible object types that can be referenced; generically these are named `SIF_RefId` and `SIF_RefObject`, respectively; naming conventions that programmatically allow identification of the pair beyond the generic names will be documented when the need arises.

### 6.1.2.3 Lists/Repeatable Elements

To those accustomed with normalized relational databases, the SIF Data Model will appear to not be especially normalized, especially with regard to repeating groups of data not being separated into their own "tables," or in SIF's case, "objects" with primary/foreign keys to maintain the relationship. Bear in mind that SIF is not a format for storing data; it is a format for transmitting data *asynchronously* between *disparate* and *distributed* systems needing to share data for interoperability; the format this data takes in different systems can vary greatly, and the data related to any given "entity" may come from a variety of sources and systems. The goals of normalization—eliminating redundancy, organizing data efficiently, reducing inconsistencies, etc.—take on a different meaning in a message queuing system. Of primary importance is transmitting the data needed for interoperability in a minimum number of messages. The need to "join" together a great number of separate objects is kept to a minimum in SIF, as individual systems do not have access to all the data required and due to the asynchronous nature of SIF, any one of these systems may take a fair amount of time before returning data necessary for joins (`SIF_ExtendedQuery` has been developed to communicate a join to a single system that may have direct access to the all the data necessary to efficiently accomplish this task). It's one thing to make a separate request for a student's picture or enrollment information, another entirely to request every available phone number, address and e-mail address separately from the SIF Zone. As such, it is often the case in SIF that repeating data is stored directly in an object, rather than being separated out into a separate object.

Repeating data is very analogous to objects, though, within any given object. In SIF's Publish/Subscribe model, repeating elements in objects can be added to, changed in or deleted from an object, much like objects can be added to, changed in or deleted from a Zone. Within an existing object, all of these actions take place within a `Change` event, and repeating elements—if any exist initially—are first made available within an object in an `Add` event or can be obtained directly via requests. Repeatable elements are contained within a parent *List* element in most SIF objects whether or not they support events, e.g.:

```
<EmailList>
  <Email Type="School">contact@uk.sifinfo.org</Email>
  <Email Type="Personal">someone@anothersite.com</Email>
</EmailList>
```

Example 6.1.2.3-1: *EmailList*

Two types of list are currently defined in SIF, *ActionList* and *List*; both consist of a list container element and a single repeatable child element. Each type of list serves different needs and has associated conventions for communication and processing in the SIF Publish/Subscribe Model. *List* or *ActionList* is specified in the Type column in tables in this section for each list; when an *ActionList* the key, possibly compound, is also indicated.

#### 6.1.2.3.1 ActionList

##### An *ActionList*

has a key that uniquely identifies each child element within the list. This type of list is primarily used when it is desirable or necessary for systems to support or refer to a subset of the list, either due to functionally only being able to support a subset or because specifying a subset in `Change` events is more efficient than transmitting a whole list as in *List*. While one system may support the `School` and `Personal` e-mail address types above, another may additionally support `Alternate1` addresses. The second system is able to communicate the addition, change or deletion of an `Alternate1` address without the first system inadvertently interpreting that to mean a student or staff member's `School` and `Personal` addresses have been deleted.

Systems communicate the whole list as a cohesive unit consisting of the parent list container element and all child elements in an `Add` event; if the container is present with no child elements, the list is empty; the same is implied when an optional list is not present in an `Add` event. In a `Change` event, systems **SHOULD** only transmit those elements that have been added, changed or deleted. Deletion is not implied by the omission of a child element, but rather explicitly communicated with a `SIF_Action` attribute of `Delete` added to the deleted element, along with the element's key attribute(s)/element(s) at a minimum. An empty list in a `Change` event implies no changes have occurred in the list, as does the omission of the list. Systems storing *ActionList* data should set/replace/delete any existing values identified by primary keys in the `Change` event they support.

```
<EmailList>
  <Email Type="School">hjorgan@myschool.co.uk</Email>
  <Email Type="Personal" SIF_Action="Delete" />
</EmailList>
```

*Example 6.1.2.3.1-1: Indicating a new value for the School e-mail address and deleting the Personal address*

A system that supports an `Alternate1` e-mail makes no changes to its value for that address type.

### 6.1.2.3.2 List

While a unique, primary key may still be identifiable in its child elements, a *List* is used primarily when:

- the list is a cohesive whole conceptually, where supporting or referring to a subset of the list is of little value;
- when the list consists only of keys, and no associated data;
- the list is informational/temporary state information and not typically persisted; or
- when no key exists to uniquely identify items in the list.

*Lists* are always transmitted as a cohesive unit consisting of the parent list container element and all child elements. If no child elements exist in the list, the list consists of the container element alone. Omission of an optional *List* in an `Add` event also implies no list items. In a `Change` event, omission of the *List* indicates no changes have been made; otherwise the parent container element and all child elements, if any, are included. Systems storing *List* data should replace all corresponding data in their systems when persisting the list; likewise when a change is made to one or more list items or when all items in the list are deleted, systems should send the whole list in a `Change` event.

```
<CountriesOfCitizenship>
  <CountryOfCitizenship>GBR</CountryOfCitizenship>
  <CountryOfCitizenship>DEU</CountryOfCitizenship>
</CountriesOfCitizenship>
```

*Example 6.1.2.3.2-1: Indicating an updated list of country citizenships*

A system that supports `CountriesOfCitizenship` updates its local data to reflect United Kingdom and German citizenship.

### 6.1.2.4 Supported Optional Elements Without Values

Some agents follow the convention of supplying an optional element as empty (e.g. `<BirthDate></BirthDate>` or `<BirthDate/>`

to indicate that the application supports the element, but that it currently has no value available within a given object. To allow for this convention within SIF—as in this example an empty string does not satisfy the `xs:date` type definition of `BirthDate`—all optional elements in SIF are defined as `nillable` [SCHEMA]. To satisfy type constraints on an element while still supplying an empty or "nil" value, agents **MUST** tag the element with a `true` value for the `nil` attribute from namespace `http://www.w3.org/2001/XMLSchema-instance` [SCHEMA] (e.g. `<BirthDate xsi:nil="true"/>` where the prefix `xsi` has been mapped to the namespace `http://www.w3.org/2001/XMLSchema-instance`), unless an empty value is valid with regard to the element's type definition, in which case supplying the `nil` attribute value of `true` is optional. See [SIF and XML Namespaces](#) for more details on namespaces, and [SIF and XML Schema](#) for more details on SIF's use of XML Schema.

### 6.1.2.5 Externally-Defined XML

Note that XML not defined within SIF does not necessarily support ad hoc omission of XML elements at will to conform with the conventions of the SIF Publish/Subscribe Model (where unchanged elements are typically omitted in Change events, and where non-key elements are often omitted in Delete events) or of the SIF Request/Response Model (where a subset of elements can be retrieved from objects with requests). If externally-defined XML occurs within a SIF data object, SIF conventions do not extend to that XML unless that XML is defined to accommodate SIF conventions; the XML, when transmitted, must only conform to any external definitions dictating its structure, if any. Applications should be prepared for the possibility of receiving whole externally-defined XML structures in Change events (regardless of how little or much of the external XML has changed) and possibly also Delete events, likewise in responses even when a subset of the XML structure's child elements may have explicitly been requested.

## 6.2 Common Elements

### 6.2.1 Address

This element contains address data, some of which is defined by the BS7666 International Address and Geographic Location Specification. Other elements are present for support of international addresses. Applications storing address information in the traditional line format must translate this information into the appropriate data elements below.

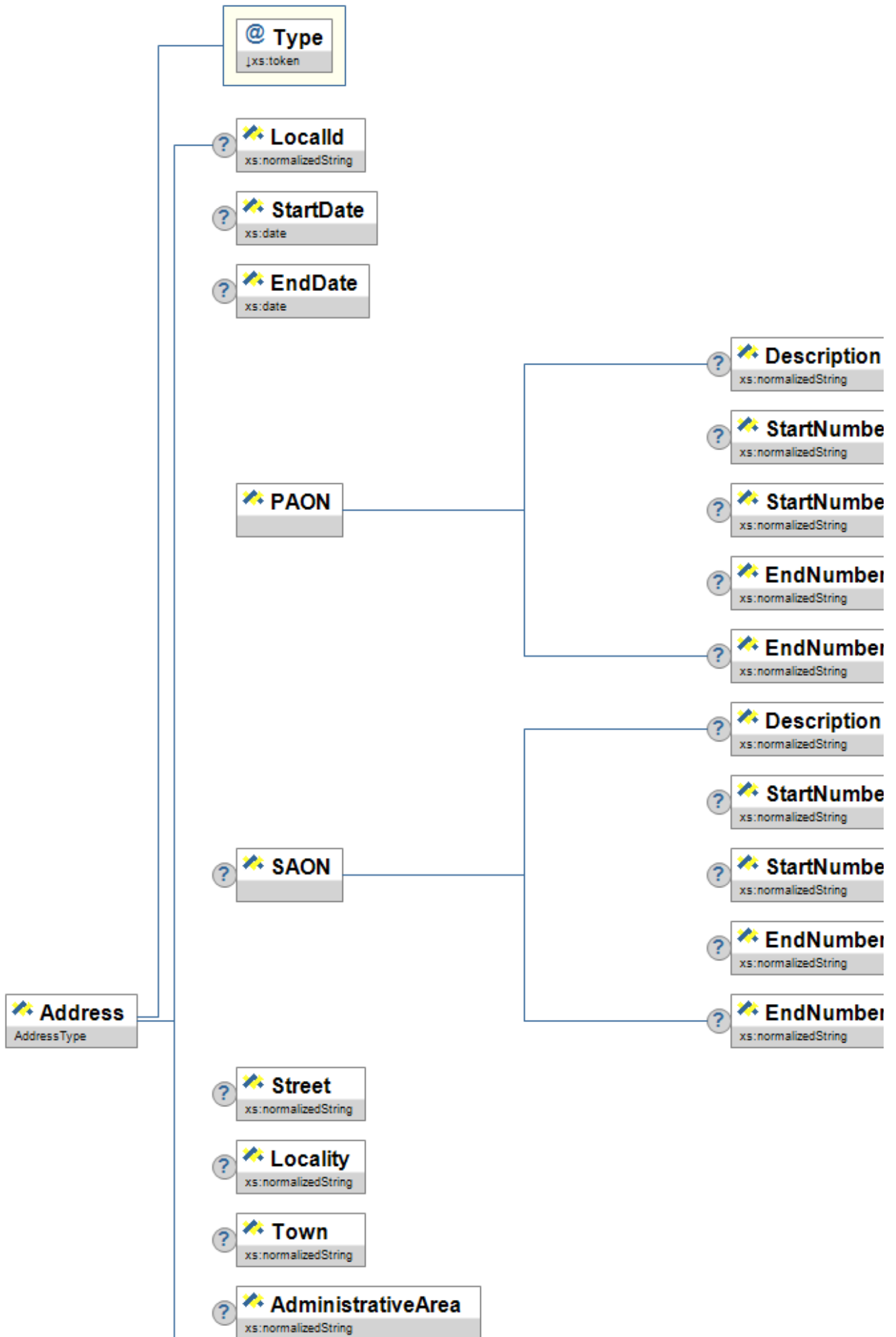


Figure 6.2.1-1: Address

	Element/@Attribute	Char	Description	Type
	<b>Address</b>		This element contains address data, some of which is defined by the BS7666 International Address and Geographic Location Specification. Other elements are present for support of international addresses. Applications storing address information in the traditional line format must translate this information into the appropriate data elements below.	
@	Type	M	Code that defines the address type.	<b>values:</b> Current Mailing Transportation Previous Other
	LocalId	O	The locally assigned identifier for this address in the publishing system.	xs:normalizedString
	StartDate	O	Date person began using this address.	xs:date
	EndDate	O	Date person stopped using this address.	xs:date
	PAON	M	An element defining the Primary Addressable Object Name (PAON), typically a building number or house name.	
	PAON/Description	C	Dwelling name, or at least a general description of the location in lieu of having any other information. This is required when no other PAON information is provided.	xs:normalizedString
	PAON/StartNumber	O	Start (single) dwelling number.	xs:normalizedString
	PAON/StartNumberSuffix	O	Start (single) dwelling number suffix.	xs:normalizedString
	PAON/EndNumber	O	End dwelling number.	xs:normalizedString
	PAON/EndNumberSuffix	O	End dwelling number suffix.	xs:normalizedString
	SAON	O	The Secondary Addressable Object Name (SAON), identifying a sub-division of the PAON, typically a flat number, room number or unit in a commercial property.	
	SAON/Description	C	Sub-dwelling name, or other descriptive information in lieu of having any other information. This is required when no other SAON data is provided.	xs:normalizedString
	SAON/StartNumber	O	Start (single) dwelling number.	xs:normalizedString
	SAON/StartNumberSuffix	O	Start (single) dwelling number suffix.	xs:normalizedString
	SAON/EndNumber	O	End dwelling number.	xs:normalizedString
	SAON/EndNumberSuffix	O	End dwelling number suffix.	xs:normalizedString
	Street	O	The name of the street.	xs:normalizedString
	Locality	C	The locality name refers to a neighbourhood, suburb, district, village, estate, settlement, or parish that may form part of a town, or stand in its own right within the context of an administrative area. Where an industrial estate contains streets it is defined as a	xs:normalizedString

Element/@Attribute	Char	Description	Type				
		locality in its own right. At least one of Locality, Town, or AdministrativeArea must be specified.					
Town	C	The city name refers to a city or town that is not an administrative area, a suburb of an administrative area that does not form part of another town or a London district. At least one of Locality, Town, or AdministrativeArea must be specified.	xs:normalizedString				
AdministrativeArea	C	The administrative area is a geographic area that may be the highest level local administrative area, and may be a county or a unitary authority, an island or island group, or London. At least one of Locality, Town, or AdministrativeArea must be specified	xs:normalizedString				
County	O	Where applicable, the name of the county.	xs:normalizedString				
PostTown	O	Post Office usually assigns these based on Sorting Office.	xs:normalizedString				
PostCode	O	The code allocated by the Post Office (within GBR) to identify a group of postal delivery points. Valid Postcode formats are:  A9 9AA A99 9AA AA9 9AA AA99 9AA A9A 9AA AA9A 9AA Plus BFPO 999	xs:normalizedString				
Country	O	Country where physical address is located, if known. Usually this is going to be 'GBR' but could be outside the UK.	Country				
UniquePropertyReferenceNumber	O	The unique Property and Land Reference Number (UPRN) for this address. Numeric: 1 to 12 digits.	xs:integer <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>999999999999</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	999999999999
xs:minInclusive	0						
xs:maxInclusive	999999999999						
UniqueStreetReferenceNumber	O	The unique Property Street Reference Number (USRN) for this address. Numeric: 1 to 8 digits.	xs:integer <table border="1"> <tr> <td>xs:minInclusive</td> <td>0</td> </tr> <tr> <td>xs:maxInclusive</td> <td>99999999</td> </tr> </table>	xs:minInclusive	0	xs:maxInclusive	99999999
xs:minInclusive	0						
xs:maxInclusive	99999999						
LocationContext	O	The physical location of an address in terms of Census District, LA Electoral Ward, Parliamentary Constituency, and other defining location-centric characteristics.	LocationContext				
GridLocation	O	The physical property location coordinates.	GridLocation				

Table 6.2.1-1: Address

```

<Address Type="Current">
  <StartDate>2004-10-06</StartDate>
  <PAON>
    <Description>Merion House</Description>
    <StartNumber>42</StartNumber>
    <EndNumber>46</EndNumber>
  </PAON>
  <SAON>
    <StartNumber>2</StartNumber>
    <StartNumberSuffix>B</StartNumberSuffix>
  </SAON>
  <Street>Guildford Road</Street>
  <Locality>Knaphill</Locality>
  <Town>Woking</Town>
  <AdministrativeArea>Surrey</AdministrativeArea>
  <County>Surrey</County>
  <PostCode>GU22 7QF</PostCode>
  <Country>GBR</Country>
  <UniquePropertyReferenceNumber>38711462427</UniquePropertyReferenceNumber>
  <UniqueStreetReferenceNumber>1124805</UniqueStreetReferenceNumber>
  <LocationContext>
    <WardCode>43UMGB</WardCode>
    <WardName>Knaphill</WardName>
  </LocationContext>
  <GridLocation>
    <PropertyEasting>500431.3</PropertyEasting>
    <PropertyNorthing>158413.1</PropertyNorthing>
    <Latitude>41.850000</Latitude>
    <Longitude>-87.650000</Longitude>
  </GridLocation>
</Address>

```

Example 6.2.1-1: Address

## 6.2.2 AddressList

A list of Address elements.



Figure 6.2.2-1: AddressList

Element/@Attribute	Char	Description	Type
AddressList		A list of Address elements.	ActionList (Address/@Type)
Address	MR		Address
@ SIF_Action	O	In a Change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	<b>values:</b> Delete

Table 6.2.2-1: AddressList



```

<AddressList>
  <Address Type="Current">
    <StartDate>2004-10-06</StartDate>
    <PAON>
      <Description>Merion House</Description>
      <StartNumber>42</StartNumber>
      <EndNumber>46</EndNumber>
    </PAON>
    <SAON>
      <StartNumber>2</StartNumber>
      <StartNumberSuffix>B</StartNumberSuffix>
    </SAON>
    <Street>Guildford Road</Street>
    <Locality>Knaphill</Locality>
    <Town>Woking</Town>
    <AdministrativeArea>Surrey</AdministrativeArea>
    <County>Surrey</County>
    <PostCode>GU22 7QF</PostCode>
    <Country>GBR</Country>
    <UniquePropertyReferenceNumber>38711462427</UniquePropertyReferenceNumber>
    <UniqueStreetReferenceNumber>1124805</UniqueStreetReferenceNumber>
    <LocationContext>
      <WardCode>43UMGB</WardCode>
      <WardName>Knaphill</WardName>
    </LocationContext>
    <GridLocation>
      <PropertyEasting>500431.3</PropertyEasting>
      <PropertyNorthing>158413.1</PropertyNorthing>
      <Latitude>41.850000</Latitude>
      <Longitude>-87.650000</Longitude>
    </GridLocation>
  </Address>
</AddressList>

```

Example 6.2.2-1: AddressList

## 6.2.3 ContactList

A list of contact persons associated with a school or LA.

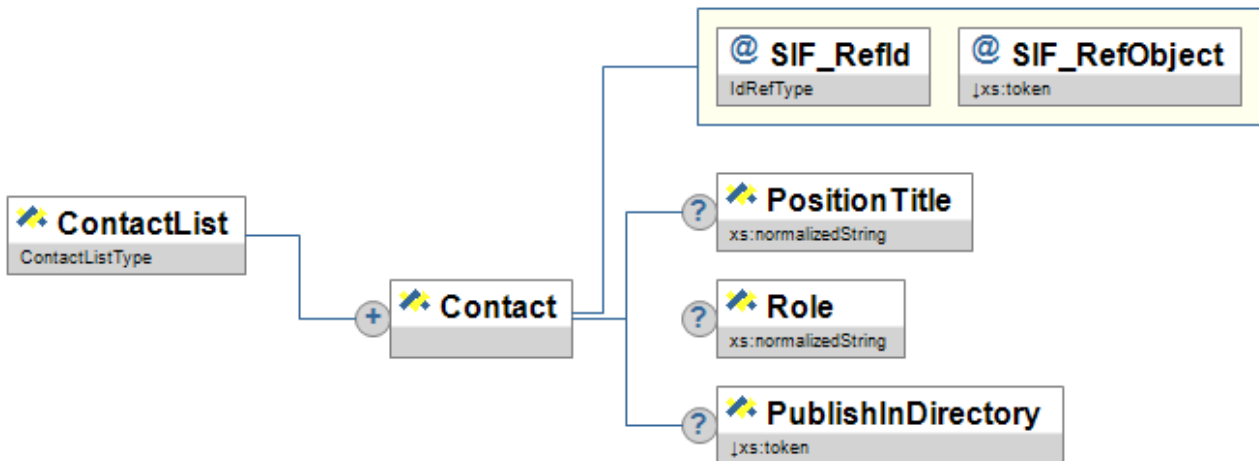


Figure 6.2.3-1: ContactList

Element/@Attribute	Char	Description	Type
<b>ContactList</b>		A list of contact persons associated with a school or LA.	
Contact	MR	Information for a single contact.	
@ SIF_RefId	M	The ID (GUID) of the person listed as a contact. Note that this is any person listed as a contact through either a ContactPersonal, WorkforcePersonal, or even a LearnerPersonal record.	IdRefType

Element/@Attribute	Char	Description	Type
@ SIF_RefObject	M	The object type being referred to.	<b>values:</b> WorkforcePersonal ContactPersonal LearnerPersonal
Contact/PositionTitle	O	The contact person's position title within the school or LA.	xs:normalizedString
Contact/Role	O	Role played by this contact in the school or LA. Any descriptive text is allowed here.	xs:normalizedString
Contact/PublishInDirectory	O	Indicates whether or not this contact's information should be published in a directory of school or LA information.	<b>values:</b> Yes No

Table 6.2.3-1: ContactList

```
<ContactList>
  <Contact SIF_RefId="92E50229EC3911DBA762000E0CA41EF3" SIF_RefObject="ContactPersonal">
    <PositionTitle>Resource Teacher</PositionTitle>
    <Role>Works with learning disabled pupils</Role>
    <PublishInDirectory>Yes</PublishInDirectory>
  </Contact>
</ContactList>
```

Example 6.2.3-1: ContactList

## 6.2.4 Country

The 3-character alphabetic country code defined by ISO 3166-1. Given this code all other code and name information can be obtained directly from the standard.

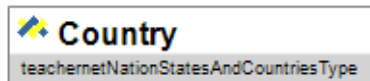


Figure 6.2.4-1: Country

Element/@Attribute	Char	Description	Type
<b>Country</b>		The 3-character alphabetic country code defined by ISO 3166-1. Given this code all other code and name information can be obtained directly from the standard.	teachernetNationStatesAndCountriesType

Table 6.2.4-1: Country

```
<Country>GBR</Country>
```

Example 6.2.4-1: Country

## 6.2.5 Demographics

Demographic information about a learner, contact, workforce member, etc. This element occurs within objects such as LearnerPersonal, LearnerContact, etc.

**Demographics**  
DemographicsType

? **EthnicityList**  
EthnicityListType

? **Gender**  
jxs:token

? **BirthDate**  
xs:date

? **BirthDateVerification**  
UKBirthDateVerificationLevelType

? **PlaceOfBirth**  
xs:normalizedString

? **CountyOfBirth**  
xs:normalizedString

? **CountryOfBirth**  
CountryType

? **CountriesOfCitizenship**

+ **CountryOfCitiz**  
CountryType

? **CountriesOfResidency**

+ **CountryOfResi**  
CountryType

? **CountryArrivalDate**  
xs:date

? **EnglishProficiency**

? **EALSteps**  
jxs:token

? **EALAcquisitio**  
jxs:token

? **LanguageList**

+ **Language**

? **MaritalStatus**  
UKMaritalStatusType

Figure 6.2.5-1: Demographics

Element/@Attribute	Char	Description	Type
<b>Demographics</b>		Demographic information about a learner, contact, workforce member, etc. This element occurs within objects such as LearnerPersonal, LearnerContact, etc.	
EthnicityList	O	A list of the person's ethnicities by proportion.	EthnicityList
Gender	O	Person's gender.	<b>values:</b> M Male F Female U Unknown W Withheld
BirthDate	C	The person's date of birth. Required for learners. Optional for others.	xs:date
BirthDateVerification	O	Means by which the person's birth date was validated.	UKBirthDateVerificationLevelType
PlaceOfBirth	O	The person's place of birth--like village, town, city etc.	xs:normalizedString
CountyOfBirth	O	The county in which the person was born.	xs:normalizedString
CountryOfBirth	O	The individual's country of birth.	Country
CountriesOfCitizenship	O	A list of the countries in which this person has legal nationality.	
CountriesOfCitizenship/CountryOfCitizenship	MR	The country of legal nationality (i.e. the country which issued the individual's passport).	Country
CountriesOfResidency	O	A list of countries in which this person has residency status.	
CountriesOfResidency/CountryOfResidency	MR	A person's country of residence.	Country
CountryArrivalDate	O	Date the person first arrived in the UK.	xs:date
EnglishProficiency	O	Assessment of a learner's progress in English as an Additional Language.	
EnglishProficiency/EALSteps	O	Based on QCA Steps. (England)	<b>values:</b> S1 Step 1 S2 Step 2 1T Level 1 Threshold 1S Level 1 Secure

Element/@Attribute	Char	Description	Type
EnglishProficiency/EALAcquisition	O	Based on a differing scale from QCA Steps. (Wales)	<b>values:</b> A New to English B Early Acquisition C Developing Competence D Competent E Fluent 0 Not applicable
LanguageList	O	A list of languages spoken by the person The person must be at least somewhat familiar with the language to have it listed here.	List
LanguageList/Language	MR		
LanguageList/Language/Code	M	This is the code that specifies the person's language.	teachernetLanguagesType
LanguageList/Language/Fluent	O	Indicates that the person is fluent in this language.	<b>values:</b> Yes No
LanguageList/Language/TypeList	M	A list of the person's language types.	List
LanguageList/Language/TypeList/Type	MR	A typification of the language. i.e. how is this language used?	<b>values:</b> C Correspondence Language F First Language M Multiple First Language H Home T Tuition S Second Language
LanguageList/Language/Source	O	Source of data on use of the specified language.	UKSourceCodeType
LanguageList/Language/Study	O	The level in which the learner is taught this language at school.	UKLanguageStudyType
LanguageList/Language/StudyOther	O	Indicates whether the learner studies subjects in this language at school separate from studying the language itself.	<b>values:</b> Yes No
MaritalStatus	O	The person's marital status.	UKMaritalStatusType
NonUKSystemImmigrant	O	Indicates the learner has recently arrived from a non-English or other common UK language system. (Wales)	<b>values:</b> Yes No
Refugee	O	Indicates the person's refugee/asylum seeker status as defined by the United Nations (Article 1 of the 1951 Refugee Convention).	<b>values:</b> Yes No

Element/@Attribute	Char	Description	Type
Religion	O	Definition of a person's religious faith.	
Religion/AffiliationCode	M	Person's religious faith.	UKReligiousAffiliationType
Religion/EducationStatus	O	Indicates whether the person is actively attending religious education classes.	<b>values:</b> A Attends W Withdrawn
Religion/CollectiveWorshipStatus	O	Indicates whether the person is participating in religious collective worship.	<b>values:</b> A Attends W Withdrawn
Religion/Source	O	Source of person's religious affiliation code.	UKSourceCodeType
Traveller	O	Identifying information for traveller/gypsy status.	
Traveller/Code	M	Code to identify type of traveller/gypsy.	UKTravellerGypsyCodeType
Traveller/Source	M	Source of individual's recorded traveller/gypsy code.	UKSourceCodeType

Table 6.2.5-1: Demographics

```

<Demographics>
  <EthnicityList>
    <Ethnicity>
      <Code>WIRI</Code>
      <Source>P</Source>
    </Ethnicity>
  </EthnicityList>
  <Gender>M</Gender>
  <BirthDate>1995-09-12</BirthDate>
  <BirthDateVerification>2</BirthDateVerification>
  <PlaceOfBirth>Leixlip</PlaceOfBirth>
  <CountyOfBirth>Kildare</CountyOfBirth>
  <CountryOfBirth>IRL</CountryOfBirth>
  <CountriesOfCitizenship>
    <CountryOfCitizenship>IRL</CountryOfCitizenship>
  </CountriesOfCitizenship>
  <CountriesOfResidency>
    <CountryOfResidency>GBR</CountryOfResidency>
  </CountriesOfResidency>
  <CountryArrivalDate>1992-06-28</CountryArrivalDate>
  <EnglishProficiency>
    <EALSteps>S2</EALSteps>
  </EnglishProficiency>
  <LanguageList>
    <Language>
      <Code>ENG</Code>
      <Fluent>Yes</Fluent>
      <TypeList>
        <Type>M</Type>
        <Type>H</Type>
        <Type>C</Type>
      </TypeList>
      <Source>P</Source>
      <Study>1</Study>
      <StudyOther>No</StudyOther>
    </Language>
    <Language>
      <Code>GAE</Code>
      <Fluent>Yes</Fluent>
      <TypeList>
        <Type>M</Type>
      </TypeList>
      <Source>P</Source>
      <Study>4</Study>
      <StudyOther>No</StudyOther>
    </Language>
  </LanguageList>
  <MaritalStatus>S</MaritalStatus>
  <NonUKSystemImmigrant>No</NonUKSystemImmigrant>
  <Refugee>No</Refugee>
  <Religion>
    <AffiliationCode>CE</AffiliationCode>
    <EducationStatus>W</EducationStatus>
    <CollectiveWorshipStatus>A</CollectiveWorshipStatus>
    <Source>P</Source>
  </Religion>
  <Traveller>
    <Code>NT</Code>
    <Source>P</Source>
  </Traveller>
</Demographics>

```

Example 6.2.5-1: Demographics

## 6.2.6 ElectronicId

Common element used to specify entity identifiers that are read by electronic equipment. It is used in objects such as StudentPersonal, StaffPersonal, and LibraryPatronStatus.

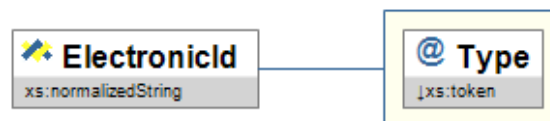


Figure 6.2.6-1: ElectronicId

Element/@ Attribute	Char	Description	Type
ElectronicId		Common element used to specify entity identifiers that are	xs:normalizedString

Element/@Attribute	Char	Description	Type
		read by electronic equipment. It is used in objects such as StudentPersonal, StaffPersonal, and LibraryPatronStatus.	
@ Type	M	Electronic ID type.	<b>values:</b> Barcode Magstripe PIN RFID

Table 6.2.6-1: *ElectronicId*

```
<ElectronicId Type="Barcode">206654</ElectronicId>
```

Example 6.2.6-1: *ElectronicId*

## 6.2.7 ElectronicIdList

A list of electronic identifiers associated with an entity.



Figure 6.2.7-1: *ElectronicIdList*

Element/@Attribute	Char	Description	Type
<b>ElectronicIdList</b>		A list of electronic identifiers associated with an entity.	List
ElectronicId	MR		ElectronicId

Table 6.2.7-1: *ElectronicIdList*

```
<ElectronicIdList>
  <ElectronicId Type="Barcode">206654</ElectronicId>
  <ElectronicId Type="PIN">9823</ElectronicId>
</ElectronicIdList>
```

Example 6.2.7-1: *ElectronicIdList*

## 6.2.8 Email

This element represents an e-mail address of one of a number of types.

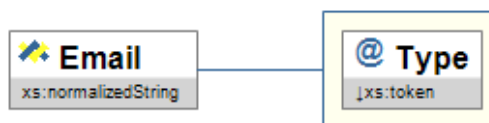


Figure 6.2.8-1: *Email*



Element/@Attribute	Char	Description	Type
<b>Email</b>		This element represents an e-mail address of one of a number of types.	xs:normalizedString
@ Type	M	This attribute specifies the type of e-mail address.	<b>values:</b> Business Personal School Alternate1 Alternate2 Alternate3 Alternate4

Table 6.2.8-1: Email

```
<Email Type="School">contact@uk.sifinfo.org</Email>
```

Example 6.2.8-1: Email

## 6.2.9 EmailList

A list of e-mail addresses associated with an individual.

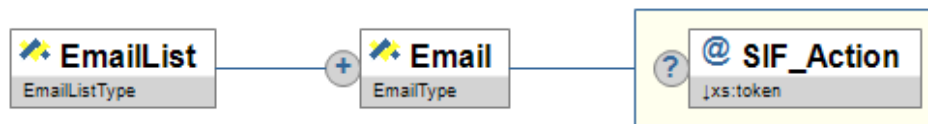


Figure 6.2.9-1: EmailList

Element/@Attribute	Char	Description	Type
<b>EmailList</b>		A list of e-mail addresses associated with an individual.	ActionList (Email/@Type)
Email	MR		Email
@ SIF_Action	O	In a Change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	<b>values:</b> Delete

Table 6.2.9-1: EmailList

```
<EmailList>
  <Email Type="School">contact@uk.sifinfo.org</Email>
  <Email Type="Personal">someone@anothersite.com</Email>
</EmailList>
```

Example 6.2.9-1: EmailList

## 6.2.10 EstablishmentId

The DfES assigned identifier for a school or other educational establishment. The list of all known Establishment ID's is extensive and available online.

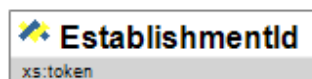


Figure 6.2.10-1: EstablishmentId

Element/@Attribute	Char	Description	Type
<b>EstablishmentId</b>		The DfES assigned identifier for a school or other educational establishment. The list of all known Establishment ID's is extensive and available online.	xs:token

Table 6.2.10-1: EstablishmentId

## 6.2.11 EthnicityList



Figure 6.2.11-1: EthnicityList

Element/@Attribute	Char	Description	Type
<b>EthnicityList</b>			
Ethnicity	MR		
Ethnicity/Code	M	The general ethnic category which reflects the individual's recognition of his or her community or with which the individual most identifies.	teachernetEthnicityCodeType
Ethnicity/Source	M	Source of individual's recorded ethnic code.	UKSourceCodeType

Table 6.2.11-1: EthnicityList

## 6.2.12 FirstName

A person's first name.



Figure 6.2.12-1: FirstName

Element/@Attribute	Char	Description	Type
<b>FirstName</b>		A person's first name.	xs:normalizedString

Table 6.2.12-1: FirstName

```
<FirstName>Mark</FirstName>
```

Example 6.2.12-1: FirstName

## 6.2.13 GridLocation

This element contains a map location. The GridLocation element is utilised within other objects and elements.

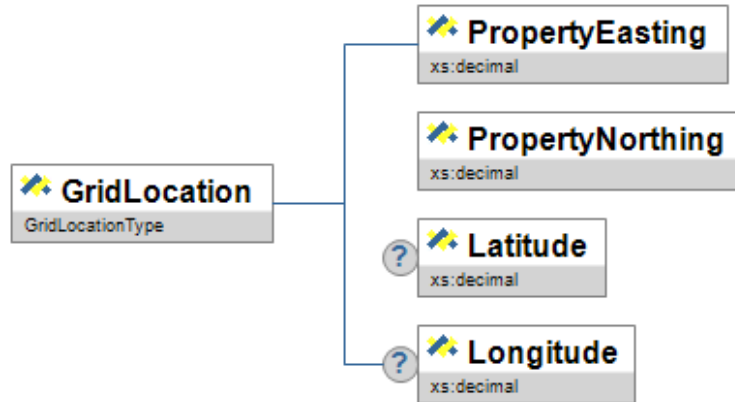


Figure 6.2.13-1: GridLocation

Element/@Attribute	Char	Description	Type
<b>GridLocation</b>		This element contains a map location. The GridLocation element is utilised within other objects and elements.	
PropertyEasting	M	Easting coordinate format.	xs:decimal
PropertyNorthing	M	Northing coordinate for mapping an address. Required when PropertyEasting is also specified. This is best represented in a 7.1 format.	xs:decimal
Latitude	O	Geographical coordinate.	xs:decimal
Longitude	C	Geographical coordinate. Required when Latitude is also specified.	xs:decimal

Table 6.2.13-1: GridLocation

```

<GridLocation>
  <PropertyEasting>500431.3</PropertyEasting>
  <PropertyNorthing>158413.1</PropertyNorthing>
  <Latitude>41.850000</Latitude>
  <Longitude>-87.650000</Longitude>
</GridLocation>
  
```

Example 6.2.13-1: GridLocation

## 6.2.14 LAId

The 3-digit number assigned to the LA by the DfES.

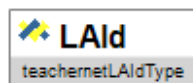


Figure 6.2.14-1: LAId

Element/@Attribute	Char	Description	Type
<b>LAId</b>		The 3-digit number assigned to the LA by the DfES.	teachernetLAIdType

Table 6.2.14-1: LAId

```
<LAId>936</LAId>
```

Example 6.2.14-1: LAId

## 6.2.15 LAName

The official name of the LA.



Figure 6.2.15-1: LAName

Element/@Attribute	Char	Description	Type
LAName		The official name of the LA.	teachernetLANameType

Table 6.2.15-1: LAName

```
<LAName>SURREY</LAName>
```

Example 6.2.15-1: LAName

## 6.2.16 LastName

A person's last name.

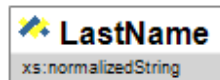


Figure 6.2.16-1: LastName

Element/@Attribute	Char	Description	Type
LastName		A person's last name.	xs:normalizedString

Table 6.2.16-1: LastName

```
<LastName>Wesson</LastName>
```

Example 6.2.16-1: LastName

## 6.2.17 LocalId

This is a common element used to define the locally assigned identifier associated with an entity. It is used in StudentPersonal, StaffPersonal, SchoolInfo, and other objects.



Figure 6.2.17-1: LocalId

Element/@Attribute	Char	Description	Type
LocalId		This is a common element used to define the locally assigned identifier associated with an entity. It is used in StudentPersonal, StaffPersonal, SchoolInfo, and other objects.	xs:normalizedString

Table 6.2.17-1: LocalId

```
<LocalId>123321A</LocalId>
```

Example 6.2.17-1: LocalId

## 6.2.18 LocationContext

The physical location of an address in terms of Census District, LA Electoral Ward, Parliamentary Constituency, and other defining location-centric characteristics.

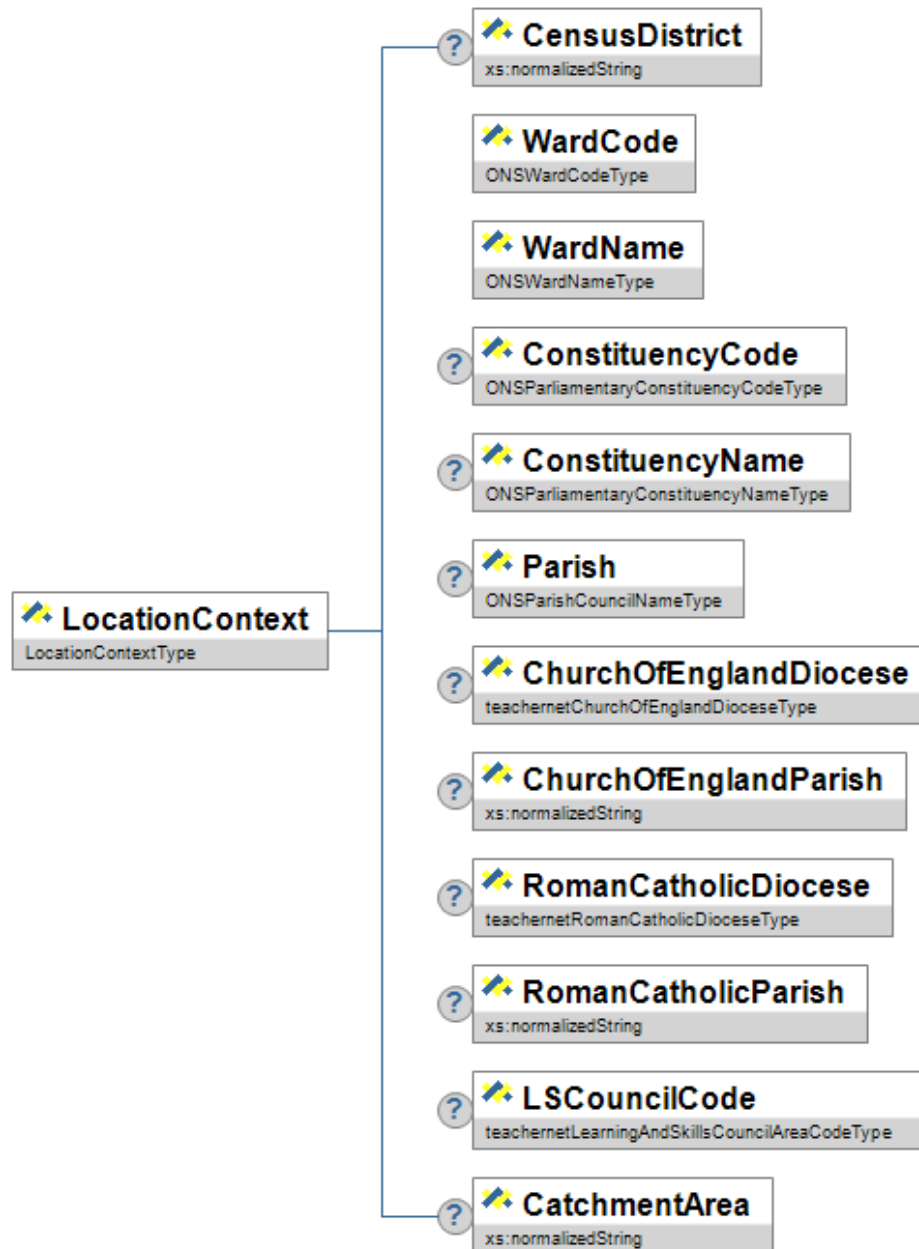


Figure 6.2.18-1: LocationContext

Element/@Attribute	Char	Description	Type
<b>LocationContext</b>		The physical location of an address in terms of Census District, LA Electoral Ward, Parliamentary Constituency, and other defining location-centric characteristics.	
CensusDistrict	O	National Population Census Enumeration District.	xs:normalizedString
WardCode	M	ONS Ward Code	ONSWardCodeType
WardName	M	ONS Ward Name	ONSWardNameType
ConstituencyCode	O	ONS Parliamentary Constituency Code	ONSParliamentaryConstituencyCodeType
ConstituencyName	O	ONS Parliamentary Constituency Name	ONSParliamentaryConstituencyNameType

Element/@Attribute	Char	Description	Type
Parish	O	ONS Parish Council Name	ONSParishCouncilNameType
ChurchOfEnglandDiocese	O	Church of England Diocese Code	teachernetChurchOfEnglandDioceseType
ChurchOfEnglandParish	O	Church of England Parish Code	xs:normalizedString
RomanCatholicDiocese	O	Roman Catholic Diocese Code	teachernetRomanCatholicDioceseType
RomanCatholicParish	O	Roman Catholic Parish	xs:normalizedString
LSCouncilCode	O	Learning and Skills Council area code	teachernetLearningAndSkillsCouncilAreaCodeType
CatchmentArea	O	School catchment area description	xs:normalizedString

Table 6.2.18-1: LocationContext

```
<LocationContext>
  <CensusDistrict>43</CensusDistrict>
  <WardCode>43UMGB</WardCode>
  <WardName>Knaphill</WardName>
  <ConstituencyCode>516</ConstituencyCode>
  <ConstituencyName>Woking</ConstituencyName>
  <LSCouncilCode>SUR</LSCouncilCode>
  <CatchmentArea>Woking Knaphill</CatchmentArea>
</LocationContext>
```

Example 6.2.18-1: LocationContext

## 6.2.19 MiddleName

A person's middle name or initial.

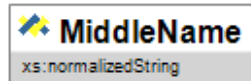


Figure 6.2.19-1: MiddleName

Element/@Attribute	Char	Description	Type
<b>MiddleName</b>		A person's middle name or initial.	xs:normalizedString

Table 6.2.19-1: MiddleName

```
<MiddleName>Bartholomew</MiddleName>
```

Example 6.2.19-1: MiddleName

## 6.2.20 Name

The Name element defines name information for a person and occurs within the PersonalInformation element.

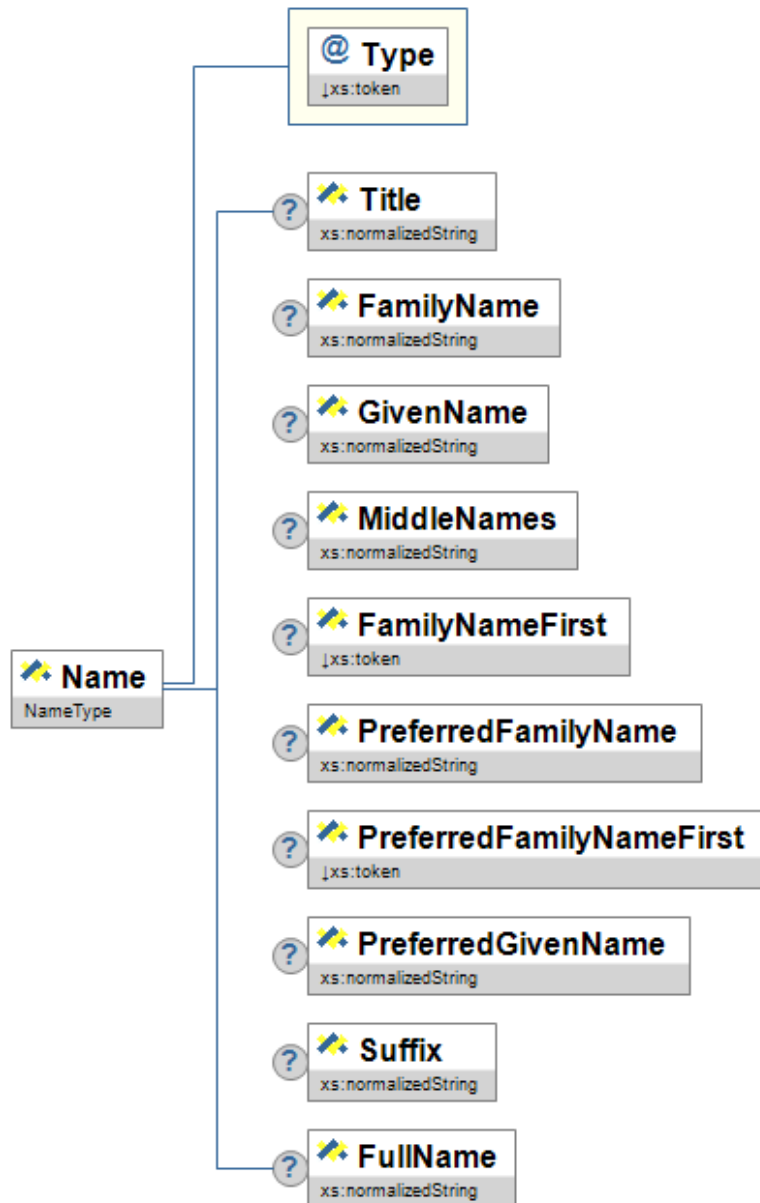


Figure 6.2.20-1: Name

Element/@ Attribute	Char	Description	Type
<b>Name</b>		The Name element defines name information for a person and occurs within the PersonalInformation element.	
@ Type	M	Code that specifies what type of name this is.	<b>values:</b> B Birth name C Current Legal name A Alias / Alternative R Name of Record F Former Name M Married Name P Professional



Element/@Attribute	Char	Description	Type
			Name
Title	O	A title or prefix associated with the name. If any of: Mr, Mrs, Ms, Miss, Rev, Fr, Dr, Prof, Hon, Sir, Lord, Lady - these must be as shown, otherwise free text. Note that title is not applicable to learners.	xs:normalizedString
FamilyName	C	Full legal family name. That part of the person's name which is used to describe family, clan, tribal group, or marital association. Note that this element is always required. However, when associated with a contact it may not be possible to know the family name in which case you should add the available information to the FullName element.	xs:normalizedString
GivenName	C	Full given name (forename) of the person. Note that this element is always required. However, when associated with a contact it may not be possible to know the given name in which case you should add the available information to the FullName element.	xs:normalizedString
MiddleNames	O	All other given or middle names, each separated with a single space character.	xs:normalizedString
FamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	<b>values:</b> Yes No
PreferredFamilyName	O	The family name preferred most by the person (as written).	xs:normalizedString
PreferredFamilyNameFirst	O	An indicator used to identify the naming conventions used by some predominantly non-European, ethnic or language groups and related to the display nature of a name.	<b>values:</b> Yes No
PreferredGivenName	O	The given name preferred most by the person (as written).	xs:normalizedString
Suffix	O	Textual suffix like PHD, JP, BSc.	xs:normalizedString
FullName	C	A free text field for the complete name for display purposes. If this is associated with a ContactPersonal record and the FamilyName and GivenName are not both specified, then this becomes mandatory.	xs:normalizedString

Table 6.2.20-1: Name

```

<Name Type="R">
  <Title />
  <FamilyName>Henriksen</FamilyName>
  <GivenName>Bjorn</GivenName>
  <MiddleNames>Pieter Johan</MiddleNames>
  <FamilyNameFirst>No</FamilyNameFirst>
  <PreferredFamilyName>Henriksen</PreferredFamilyName>
  <PreferredFamilyNameFirst>No</PreferredFamilyNameFirst>
  <PreferredGivenName>Johan</PreferredGivenName>
  <Suffix />
</Name>

```

Example 6.2.20-1: Name

## 6.2.21 NCYearGroup

Code representing a National Curriculum Year Group.

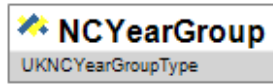


Figure 6.2.21-1: NCYearGroup

Element/@Attribute	Char	Description	Type
NCYearGroup		Code representing a National Curriculum Year Group.	UKNCYearGroupType

Table 6.2.21-1: NCYearGroup

```
<NCYearGroup>7</NCYearGroup>
```

Example 6.2.21-1: NCYearGroup

## 6.2.22 NCYearGroupList

This is a common element used to specify a collection of supported National Curriculum Year Groups. It is used in SchoolInfo and assessment-related objects.



Figure 6.2.22-1: NCYearGroupList

Element/@Attribute	Char	Description	Type
NCYearGroupList		This is a common element used to specify a collection of supported National Curriculum Year Groups. It is used in SchoolInfo and assessment-related objects.	List
NCYearGroup	MR	Code representing a National Curriculum year group.	NCYearGroup

Table 6.2.22-1: NCYearGroupList

```
<NCYearGroupList>
  <NCYearGroup>N1</NCYearGroup>
  <NCYearGroup>N2</NCYearGroup>
  <NCYearGroup>R</NCYearGroup>
  <NCYearGroup>1</NCYearGroup>
  <NCYearGroup>2</NCYearGroup>
  <NCYearGroup>3</NCYearGroup>
  <NCYearGroup>4</NCYearGroup>
  <NCYearGroup>5</NCYearGroup>
  <NCYearGroup>6</NCYearGroup>
  <NCYearGroup>7</NCYearGroup>
  <NCYearGroup>8</NCYearGroup>
  <NCYearGroup>9</NCYearGroup>
  <NCYearGroup>10</NCYearGroup>
  <NCYearGroup>11</NCYearGroup>
  <NCYearGroup>12</NCYearGroup>
  <NCYearGroup>13</NCYearGroup>
  <NCYearGroup>14</NCYearGroup>
</NCYearGroupList>
```

Example 6.2.22-1: NCYearGroupList

## 6.2.23 PersonalInformation

This element contains basic personal and demographic information related to a person. This element is part of all "personal" objects, including LearnerPersonal, WorkforcePersonal, and ContactPersonal.

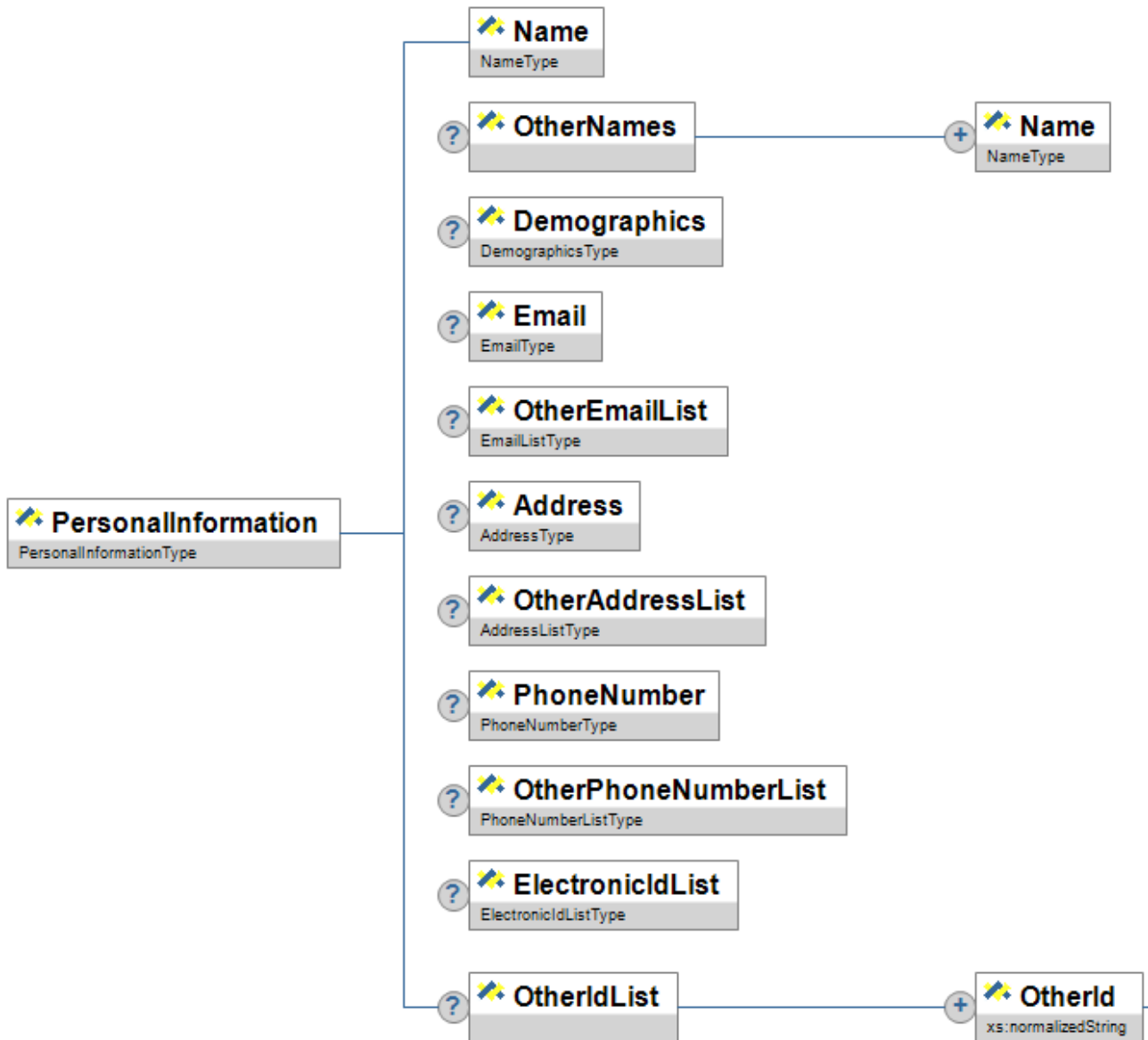


Figure 6.2.23-1: PersonalInformation

Element/@Attribute	Char	Description	Type
<b>PersonalInformation</b>		This element contains basic personal and demographic information related to a person. This element is part of all "personal" objects, including LearnerPersonal, WorkforcePersonal, and ContactPersonal.	
Name	M	Name information for this person.	Name
OtherNames	O	A list of other names associated with this person.	List
OtherNames/Name	MR	Another name associated with this person.	Name
Demographics	O	This element contains demographic data.	Demographics
Email	O	The person's preferred e-mail address.	Email
OtherEmailList	O	The person's other e-mail address(es).	EmailList
Address	O	The person's current physical address.	Address
OtherAddressList	O	The person's other address(es).	AddressList
PhoneNumber	O	The person's preferred phone number.	PhoneNumber

<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
OtherPhoneNumberList	O	The person's other phone number(s).	PhoneNumberList
ElectronicIdList	O	Electronic identifier(s) associated with this person.	ElectronicIdList
OtherIdList	O	A list of all "other" IDs associated with this person.	List
OtherIdList/OtherId	MR	An "other" identifier associated with this person.	xs:normalizedString
@ Type	M	Text that describes the type of this other ID.	xs:normalizedString

Table 6.2.23-1: PersonallInformation

```

<PersonalInformation>
  <Name Type="C">
    <FamilyName>Johnson</FamilyName>
    <GivenName>Hanna</GivenName>
    <MiddleNames>Leigh</MiddleNames>
    <FamilyNameFirst>No</FamilyNameFirst>
    <PreferredFamilyName>Johnson</PreferredFamilyName>
    <PreferredFamilyNameFirst>No</PreferredFamilyNameFirst>
    <PreferredGivenName>Hanna</PreferredGivenName>
  </Name>
  <OtherNames>
    <Name Type="F">
      <FamilyName>Minderfeld</FamilyName>
      <GivenName>Hanna</GivenName>
      <MiddleNames>Leigh</MiddleNames>
    </Name>
  </OtherNames>
  <Demographics>
    <EthnicityList>
      <Ethnicity>
        <Code>WENG</Code>
        <Source>P</Source>
      </Ethnicity>
    </EthnicityList>
    <Gender>F</Gender>
    <BirthDate>1995-09-12</BirthDate>
    <BirthDateVerification>2</BirthDateVerification>
    <PlaceOfBirth>Reading</PlaceOfBirth>
    <CountyOfBirth>Reading</CountyOfBirth>
    <CountryOfBirth>GBR</CountryOfBirth>
    <EnglishProficiency>
      <EALSteps>1S</EALSteps>
    </EnglishProficiency>
    <LanguageList>
      <Language>
        <Code>ENG</Code>
        <TypeList>
          <Type>F</Type>
        </TypeList>
      </Language>
    </LanguageList>
    <MaritalStatus>S</MaritalStatus>
    <Religion>
      <AffiliationCode>CE</AffiliationCode>
      <EducationStatus>W</EducationStatus>
      <CollectiveWorshipStatus>A</CollectiveWorshipStatus>
      <Source>P</Source>
    </Religion>
    <Traveller>
      <Code>NT</Code>
      <Source>P</Source>
    </Traveller>
  </Demographics>
  <Email Type="School">hljohnson@myschool.co.uk</Email>
  <OtherEmailList>
    <Email Type="Personal">h137925@gmail.co.uk</Email>
  </OtherEmailList>
  <Address Type="Current">
    <StartDate>2004-10-06</StartDate>
    <PAON>
      <Description>Merion House</Description>
      <StartNumber>42</StartNumber>
      <EndNumber>46</EndNumber>
    </PAON>
    <SAON>
      <StartNumber>2</StartNumber>
      <StartNumberSuffix>B</StartNumberSuffix>
    </SAON>
    <Street>Guildford Road</Street>
    <Locality>Knaphill</Locality>
    <Town>Woking</Town>
    <AdministrativeArea>Surrey</AdministrativeArea>
    <County>Surrey</County>
    <PostCode>GU22 7QF</PostCode>
    <Country>GBR</Country>
    <UniquePropertyReferenceNumber>38711462427</UniquePropertyReferenceNumber>
    <UniqueStreetReferenceNumber>1124805</UniqueStreetReferenceNumber>
    <LocationContext>
      <WardCode>43UMGB</WardCode>
      <WardName>Knaphill</WardName>
    </LocationContext>
    <GridLocation>
      <PropertyEasting>500431.3</PropertyEasting>
      <PropertyNorthing>158413.1</PropertyNorthing>
      <Latitude>41.850000</Latitude>
      <Longitude>-87.650000</Longitude>
    </GridLocation>
  </Address>
  <PhoneNumber Type="H">
    <Number>05598765432</Number>
    <ListedStatus>Listed</ListedStatus>
  </PhoneNumber>
  <OtherPhoneNumberList>
    <PhoneNumber Type="M">
      <Number>07777666555</Number>
      <ListedStatus>Unlisted</ListedStatus>
    </PhoneNumber>
  </OtherPhoneNumberList>
  <ElectronicIdList>
    <ElectronicId Type="Barcode">206654</ElectronicId>

```

## 6.2.24 PhoneNumber

This element represents a phone number and occurs within objects such as LearnerPersonal, WorkforcePersonal, etc.

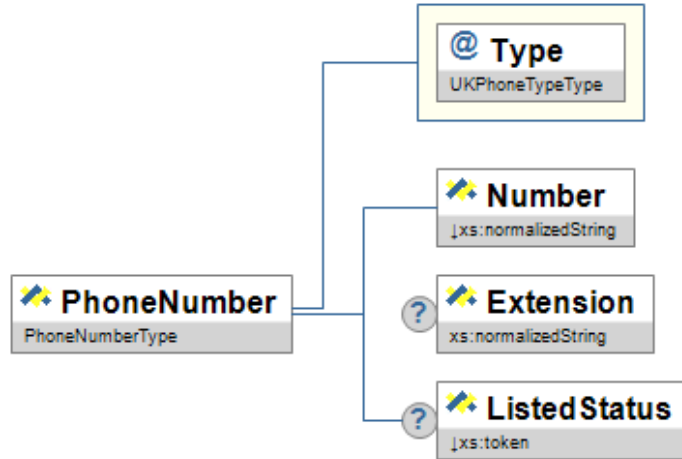


Figure 6.2.24-1: PhoneNumber

Element/@ Attribute	Char	Description	Type
<b>PhoneNumber</b>		This element represents a phone number and occurs within objects such as LearnerPersonal, WorkforcePersonal, etc.	
@ Type	M	Code that specifies the phone number type.	UKPhoneTypeType
Number	M	Phone number. Validation: 0-9 and a leading '+' (for international calls).	xs:normalizedString  xs:pattern [ + ] ? [ 0 - 9 ] +
Extension	O	Phone number extension.	xs:normalizedString
ListedStatus	O	Indicates whether or not the phone number is available to the public.	<b>values:</b> Listed Unlisted Unknown

Table 6.2.24-1: PhoneNumber

```

<PhoneNumber Type="H">
  <Number>05598765432</Number>
  <Extension>4105</Extension>
  <ListedStatus>Listed</ListedStatus>
</PhoneNumber>
  
```

Example 6.2.24-1: PhoneNumber

## 6.2.25 PhoneNumberList

Lists phone numbers associated with an entity.



Figure 6.2.25-1: PhoneNumberList

Element/@Attribute	Char	Description	Type
PhoneNumberList		Lists phone numbers associated with an entity.	ActionList (PhoneNumber/@Type)
PhoneNumber	MR		PhoneNumber
@ SIF_Action	O	In a Change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	<b>values:</b> Delete

Table 6.2.25-1: PhoneNumberList

```
<PhoneNumberList>
  <PhoneNumber Type="H">
    <Number>05598765432</Number>
    <ListedStatus>Unlisted</ListedStatus>
  </PhoneNumber>
  <PhoneNumber Type="M">
    <Number>07777666555</Number>
  </PhoneNumber>
</PhoneNumberList>
```

Example 6.2.25-1: PhoneNumberList

## 6.2.26 SchoolURL

URL for a school.

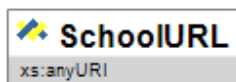


Figure 6.2.26-1: SchoolURL

Element/@Attribute	Char	Description	Type
SchoolURL		URL for a school.	xs:anyURI

Table 6.2.26-1: SchoolURL

```
<SchoolURL>http://www.lincolnhs.edu</SchoolURL>
```

Example 6.2.26-1: SchoolURL

## 6.2.27 SchoolURN

The alternate DfES assigned identifier for a school or other educational establishment.



Figure 6.2.27-1: SchoolURN

Element/@Attribute	Char	Description	Type
SchoolURN		The alternate DfES assigned identifier for a school or other educational establishment.	EstablishmentId

Table 6.2.27-1: SchoolURN

```
<SchoolURN>7883</SchoolURN>
```

Example 6.2.27-1: SchoolURN

## 6.2.28 SchoolYear

Common element used to designate the academic school year to which an object relates.

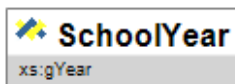


Figure 6.2.28-1: SchoolYear

Element/@Attribute	Char	Description	Type
SchoolYear		School year for which this information is applicable, expressed as the four-digit year in which the school year ends (e.g., "2004" for the 2003-04 school year).	xs:gYear

Table 6.2.28-1: SchoolYear

```
<SchoolYear>2005</SchoolYear>
```

Example 6.2.28-1: SchoolYear

## 6.2.29 SIF\_ExtendedElements

This element is supported at the end of all SIF objects. The element is used to extend existing SIF objects with locally-defined elements. Extended elements **SHOULD NOT** be used to duplicate data that can be obtained from other SIF objects.



Figure 6.2.29-1: SIF\_ExtendedElements



Element/@Attribute	Char	Description	Type
<b>SIF_ExtendedElements</b>		Allows an agent to include data not yet defined within a SIF data object as name/value pairs.	ActionList (SIF_ExtendedElement/@Name)
SIF_ExtendedElement	OR	A name/value pair, the name being contained in the Name attribute, the value being the element content.	ExtendedContentType
@ Name	M	The name of the extended element. As it is possible that names for extended elements may collide from agent to agent, it is recommended that the names of extended elements be configurable in an agent, or that agents use URIs for the names of extended elements.	xs:normalizedString
@ xsi:type	O	Allows type of element to be explicitly communicated.	
@ SIF_Action	O	In a Change event, this flag can be used to indicate an element has been deleted from the parent list container. At a minimum the key for the list must also be present.	<b>values:</b> Delete

Table 6.2.29-1: SIF\_ExtendedElements

```

<SIF_ExtendedElements>
  <SIF_ExtendedElement Name="ApplicationSubmissionStatus">4</SIF_ExtendedElement>
  <SIF_ExtendedElement Name="DynamicXml">
    <Parent xmlns="http://myapplication.com">
      <Child n="1">one</Child>
      <Child n="2" />
      <Child n="3">three</Child>
    </Parent>
  </SIF_ExtendedElement>
  <SIF_ExtendedElement Name="Note">
    <xhtml:strong xmlns:xhtml="http://www.w3.org/1999/xhtml">Double</xhtml:strong>-check submission status.
  </SIF_ExtendedElement>
</SIF_ExtendedElements>

```

Example 6.2.29-1: SIF\_ExtendedElements

## 6.2.30 SubjectAreaList

A list of subject areas.



Figure 6.2.30-1: SubjectAreaList

Element/@Attribute	Char	Description	Type
SubjectAreaList		A list of subject areas.	List
SubjectArea	MR	Subject matter.	UKGeneralSubjectType

Table 6.2.30-1: SubjectAreaList

```
<SubjectAreaList>
  <SubjectArea>MAT</SubjectArea>
  <SubjectArea>LIF</SubjectArea>
  <SubjectArea>ENV</SubjectArea>
  <SubjectArea>OMA</SubjectArea>
  <SubjectArea>PSH</SubjectArea>
</SubjectAreaList>
```

Example 6.2.30-1: SubjectAreaList

## 6.3 Data Model Task Force

### 6.3.1 SIF\_Metadata

Metadata is commonly referred to as data about data and includes information such as author, grade level, or keywords relating to a learning object, as examples. Metadata can be used to structure and contain any of this kind of information in a consistent manner. In the context of SIF, `SIF_Metadata` provides a consistent structure to appropriate SIF objects for the purpose of cataloging and object discovery, as well as other metadata functions and purposes. One recurring use case within the SIF data model is the requirement for some form of temporal constraints and tagging on objects (see `TimeElement`). Other metadata elements are based on needs brought to the Data Model Task Force.

#### IMPORTANT NOTE ON PERSISTENCE

This data is not designed to be permanent. It is designed to frame an object instance and could dissolve as soon as it leaves the SIF framework for the application space. A data warehouse could be used to store metadata for later tracking.

#### IMPORTANT NOTE ON USAGE

Any usage of metadata is optional unless made a requirement within individual SIF objects, or if a SIF or local profile or zone installation mandates it. `SIF_Metadata` allows for the usage of metadata in agents and applications that choose to support it.

This element is designed to operate much like `SIF_ExtendedElements`. It is an approved common element that is part of any data object.

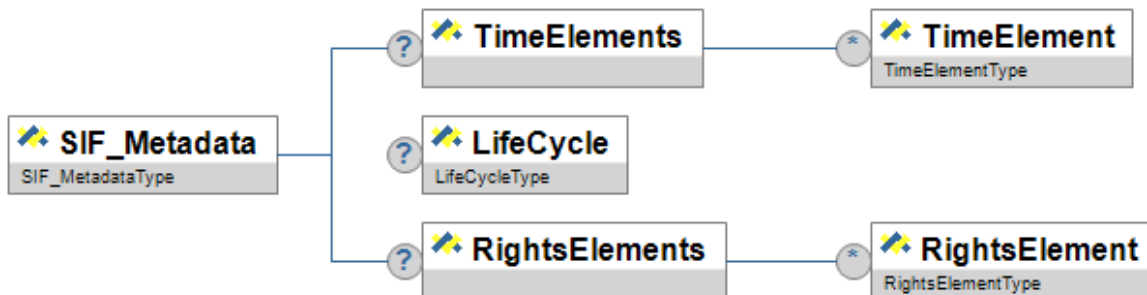


Figure 6.3.1-1: SIF\_Metadata

Element/@Attribute	Char	Description	Type
<b>SIF_Metadata</b>		A commonly defined container for metadata elements defined within SIF.	
TimeElements	O		List
TimeElements/TimeElement	OR		TimeElement
LifeCycle	O		LifeCycle
RightsElements	O		List
RightsElements/RightsElement	OR		RightsElement

Table 6.3.1-1: SIF\_Metadata

```

<SIF_Metadata>
  <TimeElements>
    <TimeElement>
      <Type>Full school year</Type>
      <Code>01</Code>
      <Name>2004/2005 School Year</Name>
      <Value>2004-2005</Value>
      <StartDateTime>2004-09-01T08:00:00-05:00</StartDateTime>
      <EndDateTime>2005-06-30T15:00:00-05:00</EndDateTime>
      <SpanGaps>
        <SpanGap>
          <Type>Holiday</Type>
          <Code>02</Code>
          <Name>2005 Winter Break</Name>
          <Value>2005 Winter Break</Value>
          <StartDateTime>2005-02-21T15:00:00-05:00</StartDateTime>
          <EndDateTime>2005-02-25T08:00:00-05:00</EndDateTime>
        </SpanGap>
      </SpanGaps>
      <IsCurrent>true</IsCurrent>
    </TimeElement>
  </TimeElements>
</SIF_Metadata>

```

Example 6.3.1-1: SIF\_Metadata

## 6.3.2 TimeElement

A common metadata element designed to contain time data, both self-defined and by type.

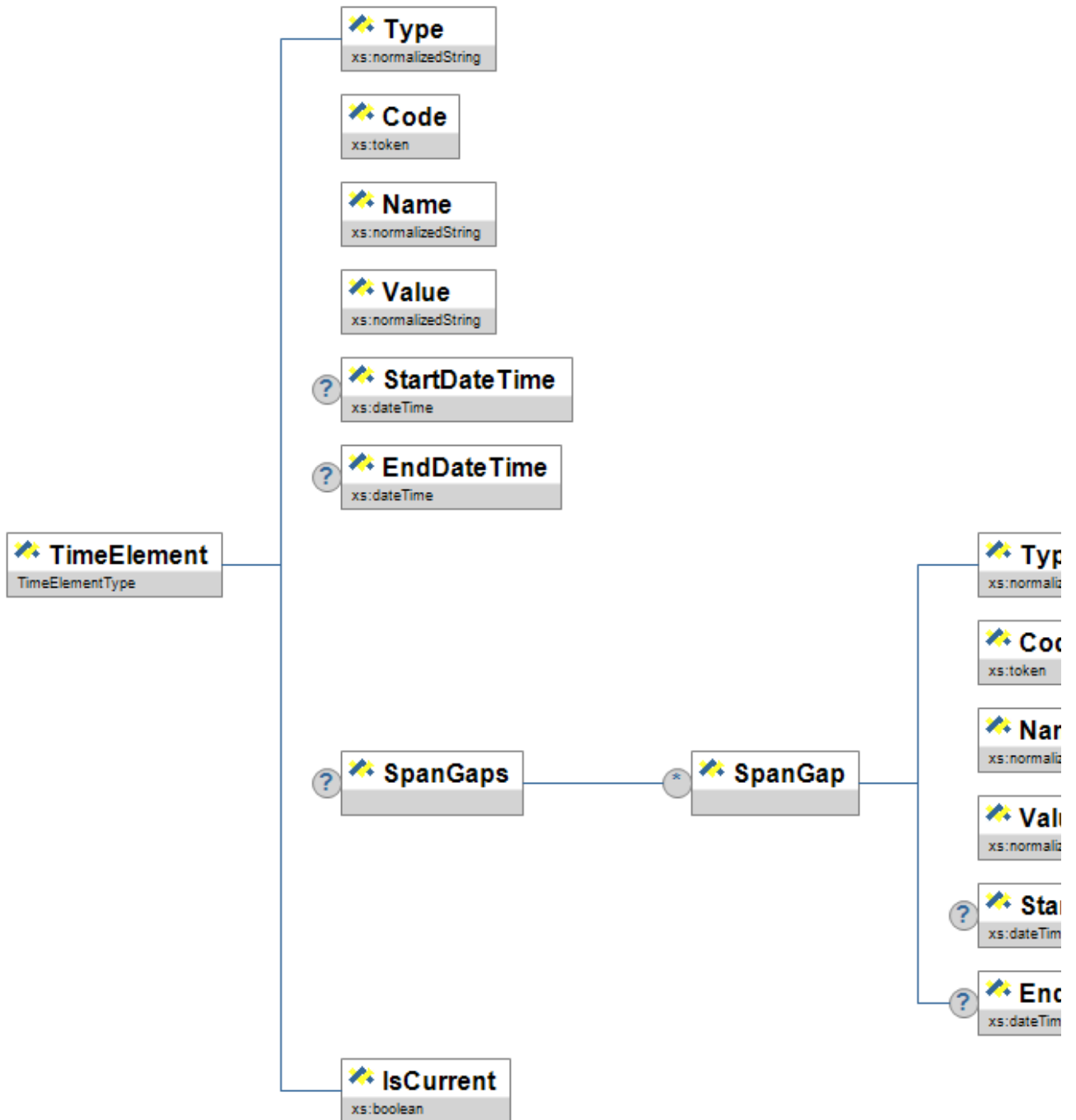


Figure 6.3.2-1: TimeElement

Element/@Attribute	Char	Description	Type
<b>TimeElement</b>		A common metadata element designed to contain time data, both self-defined and by type.	
Type	M	This element is designed to contain the time period attached to an object. Very long periods (school year, quarter, etc.) and very small periods (second, millisecond, etc.) can be defined. This element provides a scoping description of the time metadata enclosed.	xs:normalizedString

Element/@Attribute	Char	Description	Type
		<p>Because the educational environment varies so greatly we are including here a suggested but not prescriptive list of values. Although there may be unique needs for values not covered here—and we may have missed a major one—a best practice would be to utilize the examples here to enhance interoperability.</p> <p><b>Examples</b>  Full school year  Mini-term  Long session  Other  Semester  Trimester  Quarter  Spring Vacation  Summer Term  Intercession  Holiday</p>	
Code	M	<p>This element provides a place for the application to send structured data (code values, unique identifier, timestamps). This code value can, depending upon the use case agreement between agents, be used to qualify the data in the Value element.</p> <p><b>Examples</b>  2007SY  2006.FallConferences</p>	xs:token
Name	M	<p>Contains a human-readable description of the value in Value.</p> <p><b>Examples</b>  Class of '07  Fall 2007 Parent-Teacher Conferences</p>	xs:normalizedString
Value	M	<p>Contains the human-readable value.</p> <p><b>Examples</b>  2007  Evening of 10/12/06</p>	xs:normalizedString
StartDateTime	O		xs:dateTime
EndDateTime	O		xs:dateTime
SpanGaps	O	A container element for holding multiple possible span gaps.	List
SpanGaps/SpanGap	OR	This structure duplicates much of the structure of TimeElement and is designed to represent a gap in the parent time period defined by StartDateTime and EndDateTime above.	
SpanGaps/SpanGap/Type	M		xs:normalizedString
SpanGaps/SpanGap/Code	M		xs:token
SpanGaps/SpanGap/Name	M		xs:normalizedString
SpanGaps/SpanGap/Value	M		xs:normalizedString
SpanGaps/SpanGap/StartDateTime	O		xs:dateTime
SpanGaps/SpanGap/EndDateTime	O		xs:dateTime

Element/@Attribute	Char	Description	Type
IsCurrent	M	This element allows for the system to tag an object as being explicitly current. Although the baseline assumption in SIF is that objects are always current (default value is typically <code>true</code> ), there are use cases when that is not the case.	<code>xs:boolean</code>

Table 6.3.2-1: TimeElement

```

<TimeElement>
  <Type>Full school year</Type>
  <Code>01</Code>
  <Name>2004/2005 School Year</Name>
  <Value>2004-2005</Value>
  <StartDateTime>2004-09-01T08:00:00-05:00</StartDateTime>
  <EndDateTime>2005-06-30T15:00:00-05:00</EndDateTime>
  <SpanGaps>
    <SpanGap>
      <Type>Holiday</Type>
      <Code>02</Code>
      <Name>2005 Winter Break</Name>
      <Value>2005 Winter Break</Value>
      <StartDateTime>2005-02-21T15:00:00-05:00</StartDateTime>
      <EndDateTime>2005-02-25T08:00:00-05:00</EndDateTime>
    </SpanGap>
  </SpanGaps>
  <IsCurrent>true</IsCurrent>
</TimeElement>

```

Example 6.3.2-1: TimeElement

### 6.3.3 LifeCycle

This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].

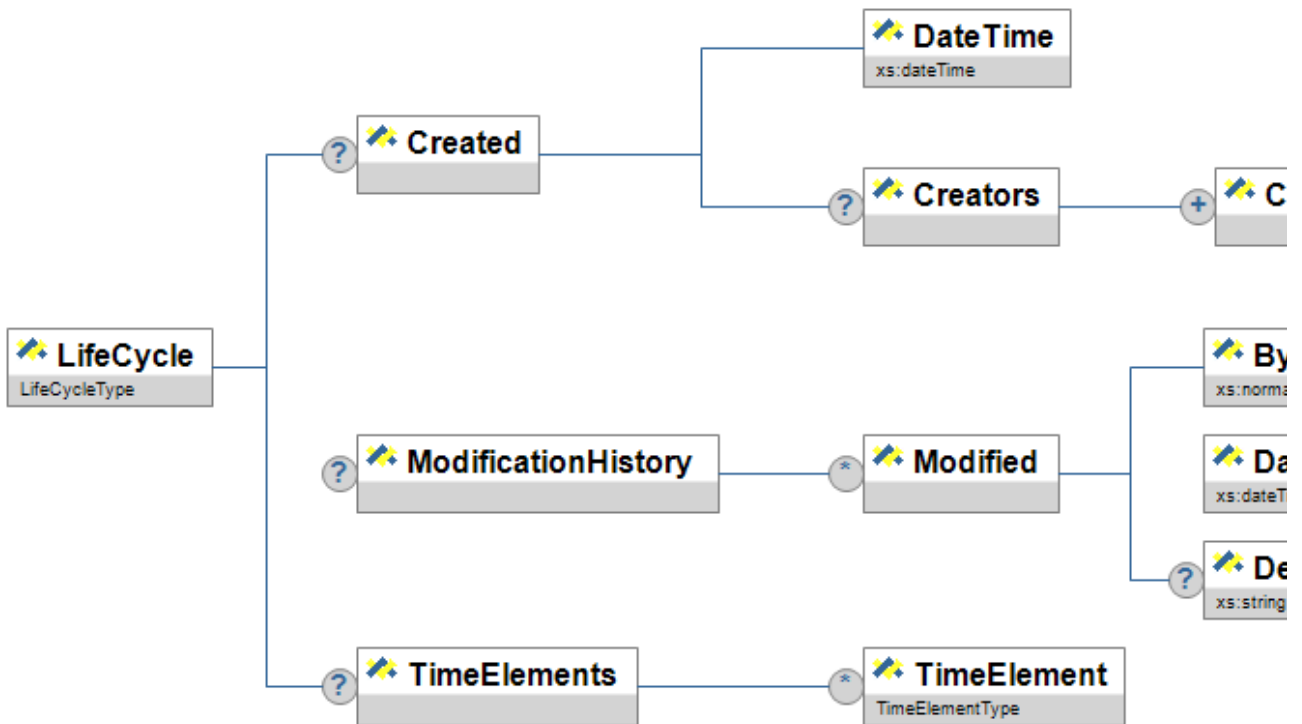


Figure 6.3.3-1: LifeCycle

Element/@Attribute	Char	Description	Type
<b>LifeCycle</b>		This common metadata element describes the life cycle of the object it represents, based on the IEEE LOM LifeCycle element [LOM].	
Created	O	When the object was created by whom. This is a more persistent creation date than the date/time in the object's SIF_Header. Depending on the use case being implemented, this value could contain the date the data in the object first entered the zone or was actually created.	
Created/DateTime	M		xs:dateTime
Created/Creators	O		List
Created/Creators/Creator	MR		
Created/Creators/Creator/Name	M	Human-readable name of the data's creator. If the object contains system-generated data, the name should identify the creating service or application.	xs:normalizedString
Created/Creators/Creator/ID	M	Unique identifier of the creator. An email address or URI could be used here.	xs:normalizedString
ModificationHistory	O	An ordered set of Modified elements describing which system modified the data, when the modification took place, and a brief description of the modification.	List
ModificationHistory/Modified	OR	A single modification event.	
ModificationHistory/Modified/By	M	Identifier of the system or person that modified the data.	xs:normalizedString
ModificationHistory/Modified/DateTime	M	The date/time the modification occurred.	xs:dateTime
ModificationHistory/Modified/Description	O	Human readable description of the data modifications.	xs:string
TimeElements	O		List
TimeElements/TimeElement	OR		TimeElement

Table 6.3.3-1: LifeCycle

```

<LifeCycle>
  <Created>
    <DateTime>2006-08-13T09:00:00-05:00</DateTime>
    <Creators>
      <Creator>
        <Name>Alphonse Berdonosi</Name>
        <ID>http://www.edugeeks.com/aberdonosi</ID>
      </Creator>
    </Creators>
  </Created>
  <ModificationHistory>
    <Modified>
      <By>http://www.edugeeks.com/aberdonosi</By>
      <DateTime>2006-08-17T09:30:00-05:00</DateTime>
    </Modified>
  </ModificationHistory>
</LifeCycle>

```

Example 6.3.3-1: LifeCycle

## 6.3.4 RightsElement

A common metadata element designed to carry any intellectual property or copyright information, based on the IEEE LOM Rights element [LOM].

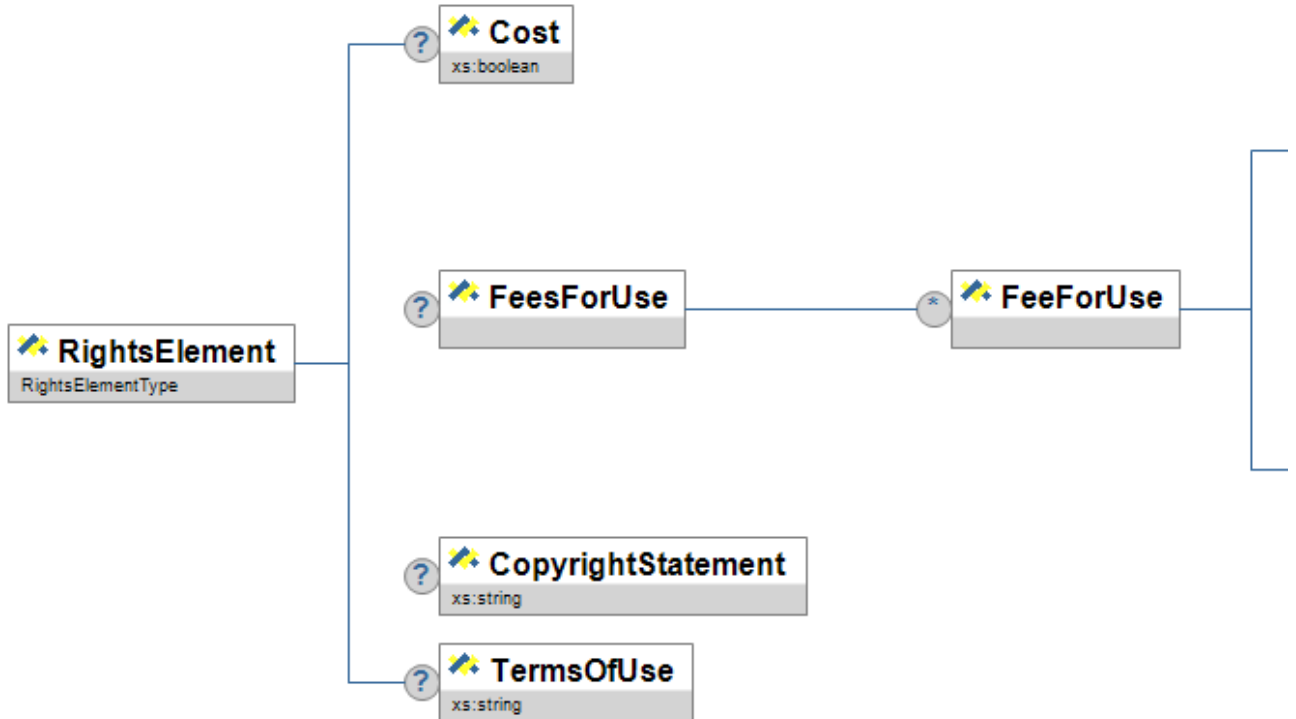


Figure 6.3.4-1: RightsElement

Element/@Attribute	Char	Description	Type
<b>RightsElement</b>		A common metadata element designed to carry any intellectual property or copyright information, based on the IEEE LOM Rights element [LOM].	
Cost	O		xs:boolean
FeesForUse	O	A container for fees for use of the content in the object.	List
FeesForUse/FeeForUse	OR	Description of one fee structure applying to the use of this resource.	
FeesForUse/FeeForUse/UseType	M	A description of the fee structure for this resource. Some resources may be licensed differently depending upon their context. For example, a content provider might charge one fee structure for resources used in the classroom and a separate fee for those resources available to parents from home.	xs:string
FeesForUse/FeeForUse/MeteringType	M		xs:token
FeesForUse/FeeForUse/MeteringURL	O		xs:anyURI
FeesForUse/FeeForUse/PerUseCharge	O		MonetaryAmountType
CopyrightStatement	O		xs:string
TermsOfUse	O		xs:string

Table 6.3.4-1: RightsElement



```
<RightsElement>
  <Cost>true</Cost>
  <FeesForUse>
    <FeeForUse>
      <UseType>UseType</UseType>
      <MeteringType>MeteringType</MeteringType>
      <MeteringURL>http://www.xmlspy.com</MeteringURL>
      <PerUseCharge Currency="USD">1.00</PerUseCharge>
    </FeeForUse>
  </FeesForUse>
  <CopyrightStatement>CopyrightStatement</CopyrightStatement>
  <TermsOfUse>TermsOfUse</TermsOfUse>
</RightsElement>
```

*Example 6.3.4-1: RightsElement*

## 6.4 Infrastructure Working Group

In addition to SIF messages and strictly infrastructure-related objects like `SIF_ZoneStatus`, the Infrastructure Working Group occasionally defines data model objects that either do not fall neatly within the purview of currently existing data model working groups (e.g. the Authentication object) or that can be provided by the ZIS and agents alike—typically metadata about a zone as opposed to data directly originating from the K-12 instructional and administrative environment (e.g. `SIF_LogEntry`).

### 6.4.1 SIF\_LogEntry

This object captures an occurrence within a SIF node (ZIS or agent)—error, warning or information—for storage in an optionally provided zone log. `SIF_LogEntry` Adds are reported and are used to post new log entries to the provider of the log. Of course, subscribing agents may also filter incoming Adds as part of their own logging mechanism. Any Change or Delete `SIF_Events` should be ignored at the agent level, but should be routed by the ZIS (though this should not be necessary). Use of the log is optional and voluntary, except where noted as mandatory in this specification. Nodes may post as much or as little log data as required with the expectation that if there is a provider of `SIF_LogEntry` that the logged entries be available for a provider-defined amount of time subject to provider-defined restrictions on the quantity of data logged by any given node.

**SIF\_Events are reported for this object.**

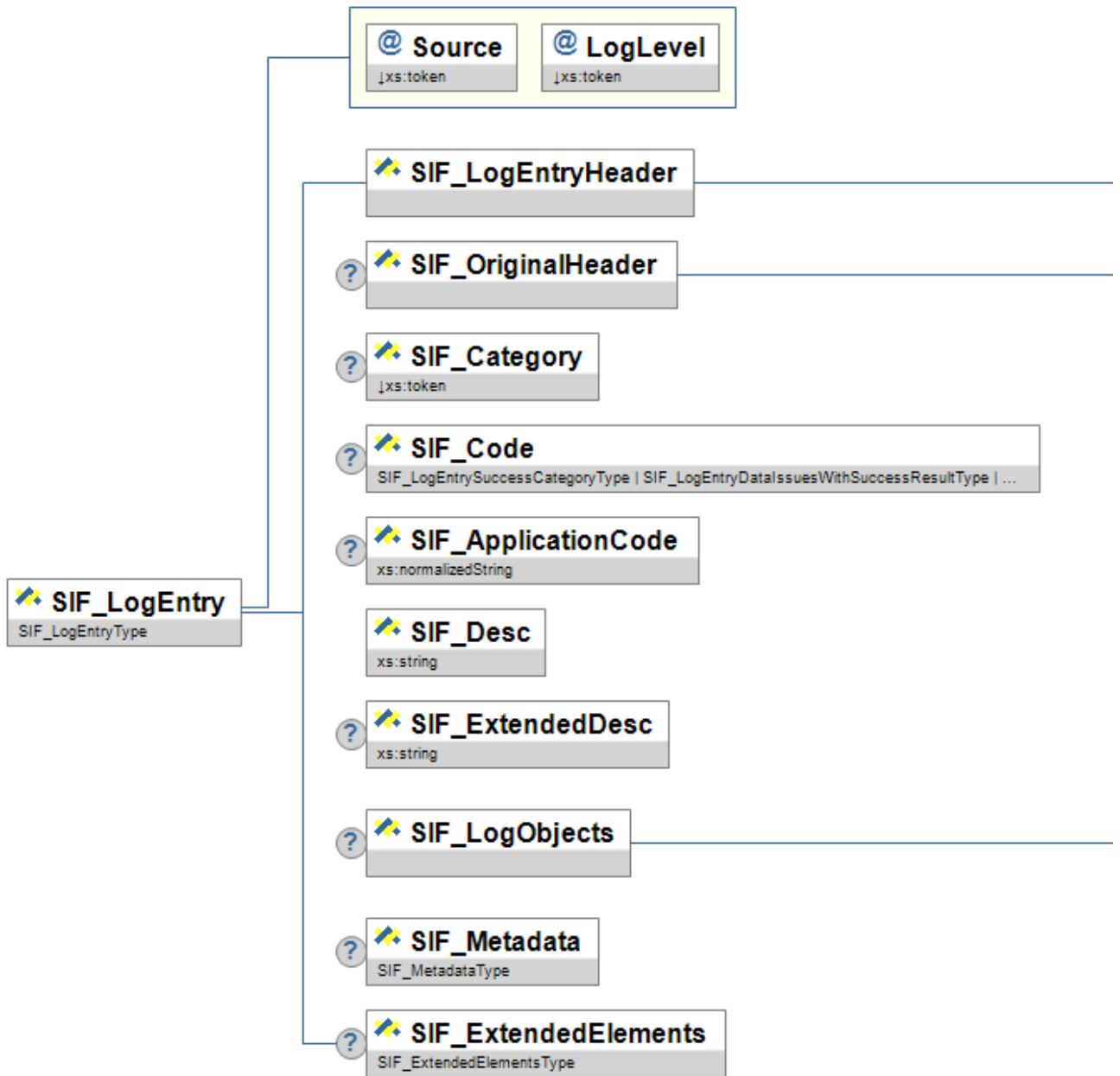


Figure 6.4.1-1: SIF\_LogEntry

Element/@Attribute	Char	Description	Type
SIF_LogEntry		<p>This object captures an occurrence within a SIF node (ZIS or agent)—error, warning or information—for storage in an optionally provided zone log.</p> <p>SIF_LogEntry Adds are reported and are used to post new log entries to the provider of the log. Of course, subscribing agents may also filter incoming Adds as part of their own logging mechanism.</p> <p>Any Change or Delete SIF_Events should be ignored</p>	

Element/@Attribute	Char	Description	Type
		<p>at the agent level, but should be routed by the ZIS (though this should not be necessary). Use of the log is optional and voluntary, except where noted as mandatory in this specification. Nodes may post as much or as little log data as required with the expectation that if there is a provider of SIF_LogEntry that the logged entries be available for a provider-defined amount of time subject to provider-defined restrictions on the quantity of data logged by any given node.</p>	
@ Source	M	<p>The SIF node that logged this entry.</p>	<p><b>values:</b> Agent ZIS</p>
@ LogLevel	M	<p>The level of the log entry herein described.</p>	<p><b>values:</b> Info Warning Error</p>
SIF_LogEntryHeader	M	<p>This is a copy of the SIF_Event/SIF_Header in the message that added this SIF_LogEntry to the zone. This copy facilitates querying log entries with regard to source, time, optionally destination, etc.</p>	
SIF_LogEntryHeader/SIF_Header	M		SIF_Header
SIF_OriginalHeader	O	<p>If this log entry references a previous SIF_Message, this element contains a copy of the referenced message's SIF_Header.</p>	
SIF_OriginalHeader/SIF_Header	M		SIF_Header
SIF_Category	C	<p>A SIF_LogEntry category. May be omitted for informational-type postings, where typically a textual</p>	<p><b>values:</b> 1 Success 2 Data Issues with Success Result</p>

Element/@Attribute	Char	Description	Type
		<p>description will suffice.</p> <p>Note that categories may be combined with the Source attribute of SIF_LogEntry to differentiate agent error conditions from ZIS error conditions.</p>	<p>3 4</p> <p>Data Issues with Failure Result Error Conditions</p>
SIF_Code	O	<p>A SIF_LogEntry code with regard to SIF_Category above. May be omitted for informational-type postings, where typically a textual description will suffice. If a SIF_Code is included, SIF_Category must be included as well.</p>	<p><b>union of:</b></p> <p>SIF_LogEntrySuccessCategoryType SIF_LogEntryDataIssuesWithSuccessResultType SIF_LogEntryDataIssuesWithFailureResultType SIF_LogEntryAgentErrorConditionType SIF_LogEntryZISErrorConditionType</p>
SIF_ApplicationCode	O	<p>An error code specific to the application posting the entry. Can be used by vendors to query log entries for errors specific to their applications. If a SIF_ApplicationCode is included, SIF_Category must be included as well; i.e., application-specific error codes should fall within one of the defined log entry categories.</p>	<p>xs:normalizedString</p>
SIF_Desc	M	<p>A textual description of the error.</p>	<p>xs:string</p>
SIF_ExtendedDesc	O	<p>Any extended error description.</p>	<p>xs:string</p>
SIF_LogObjects	O		<p>List</p>
SIF_LogObjects/SIF_LogObject	MR	<p>Any SIF data objects to which this log entry may apply.</p>	<p>SIF_ResponseObjectType</p>

	<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
@	ObjectName	M	The name of the SIF object referenced (e.g. StudentPersonal).	SIF_RequestObjectNamesType
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.4.1-1: SIF\_LogEntry

```

<SIF_LogEntry Source="Agent" LogLevel="Error">
  <SIF_LogEntryHeader>
    <SIF_Header>
      <SIF_MsgId>83252CE5C5F14FD88607F645224E4CAA</SIF_MsgId>
      <SIF_Timestamp>2006-08-19T10:36:00-05:00</SIF_Timestamp>
      <SIF_SourceId>RamseySISAgent</SIF_SourceId>
    </SIF_Header>
  </SIF_LogEntryHeader>
  <SIF_Category>4</SIF_Category>
  <SIF_Code>1</SIF_Code>
  <SIF_Desc>Agent has run out of memory and will shut down</SIF_Desc>
  <SIF_ExtendedDesc>OutOfMemoryException: ...</SIF_ExtendedDesc>
</SIF_LogEntry>

```

Example 6.4.1-1: SIF\_LogEntry when an agent encounters a system failure

```

<SIF LogEntry Source="Agent" LogLevel="Error">
  <SIF LogEntryHeader>
    <SIF Header>
      <SIF MsgId>BA86894B795A4EB7A45093AD1CDBA54C</SIF MsgId>
      <SIF Timestamp>2006-08-19T10:39:00-05:00</SIF Timestamp>
      <SIF SourceId>RamseySISAgent</SIF SourceId>
    </SIF Header>
  </SIF LogEntryHeader>
  <SIF OriginalHeader>
    <SIF Header>
      <SIF MsgId>74234DCB460A4BCB8937B07467EA73CC</SIF MsgId>
      <SIF Timestamp>2006-08-19T10:29:00-05:00</SIF Timestamp>
      <SIF SourceId>RamseyLibraryAgent</SIF SourceId>
    </SIF Header>
  </SIF OriginalHeader>
  <SIF Category>3</SIF Category>
  <SIF Code>2</SIF Code>
  <SIF ApplicationCode>-33</SIF ApplicationCode>
  <SIF Desc>Could not delete student Sonya Harris due to business rule</SIF Desc>
  <SIF LogObjects>
    <SIF LogObject ObjectName="LearnerPersonal">
      <LearnerPersonal RefId="53E6F4C0109FDE4DC7E11DB9C0100163">
        <LocalId>032134</LocalId>
        <PersonalInformation>
          <Name Type="B">
            <FamilyName>Harris</FamilyName>
            <GivenName>Sonya</GivenName>
            <PreferredFamilyName>Harris</PreferredFamilyName>
            <PreferredGivenName>Sonya</PreferredGivenName>
          </Name>
          <Demographics>
            <EthnicityList>
              <Ethnicity>
                <Code>WENG</Code>
                <Source>P</Source>
              </Ethnicity>
            </EthnicityList>
            <Gender>F</Gender>
            <BirthDate>1990-06-23</BirthDate>
            <LanguageList>
              <Language>
                <Code>ENG</Code>
                <TypeList>
                  <Type>F</Type>
                </TypeList>
              </Language>
            </LanguageList>
          </Demographics>
          <Email Type="School">sonya.harris@myschool.co.uk</Email>
          <Address Type="Current">
            <PAON>
              <StartNumber>17</StartNumber>
            </PAON>
            <Street>Bushmaster Close</Street>
            <Town>Castle Vale</Town>
            <AdministrativeArea>Birmingham</AdministrativeArea>
            <PostCode>B35 7PH</PostCode>
            <Country>GBR</Country>
          </Address>
        </PersonalInformation>
        <UPN>F330950043367</UPN>
        <UPNAllocationDate>2001-08-27</UPNAllocationDate>
        <FormerUPNList>
          <UPN>C936846321107</UPN>
        </FormerUPNList>
        <ULN>1234567890</ULN>
        <FamilyStructure>A</FamilyStructure>
        <InCare>
          <Current>No</Current>
          <Type>WP</Type>
          <LAId>330</LAId>
          <AtCurrentSchool>Yes</AtCurrentSchool>
          <PersonalEducationPlan>No</PersonalEducationPlan>
        </InCare>
        <ConnexionsAgreement>Yes</ConnexionsAgreement>
        <ChildProtectionRegister>
          <IsRegistered>Yes</IsRegistered>
          <LAId>330</LAId>
          <SiblingRegistered>No</SiblingRegistered>
        </ChildProtectionRegister>
        <GiftedTalented>No</GiftedTalented>
        <HomeLA>330</HomeLA>
        <LearnerIdentity>ENG</LearnerIdentity>
        <Pregnant>No</Pregnant>
        <SiblingList>
          <Sibling>
            <LearnerPersonalRefId>6219B1684CF9B799640234CBB9992134</LearnerPersonalRefId>
            <UIPI>034887</UIPI>
          </Sibling>
        </SiblingList>
        <UniformAllowance>No</UniformAllowance>
        <CurrentSchoolEnrolment LearnerSchoolEnrolmentRefId="010C6038DC7E11DB9C010016353E6F4C">
          <LAId>330</LAId>
          <EstablishmentId>5530</EstablishmentId>
          <NCYearGroup>9</NCYearGroup>
        </CurrentSchoolEnrolment>
        <PreviousEstablishmentList>
          <PreviousEstablishment>
            <EstablishmentId>2117</EstablishmentId>
            <EstablishmentName>Allbury Primary School</EstablishmentName>
          </PreviousEstablishment>
        </PreviousEstablishmentList>
      </LearnerPersonal>
    </SIF LogObject>
  </SIF LogObjects>

```

Example 6.4.1-2: SIF\_LogEntry when an agent fails to delete a student

```
<SIF_LogEntry Source="Agent" LogLevel="Info">
  <SIF_LogEntryHeader>
    <SIF_Header>
      <SIF_MsgId>64B0CC6CFB314A328E520A102229CBC8</SIF_MsgId>
      <SIF_Timestamp>2006-08-19T10:46:00-05:00</SIF_Timestamp>
      <SIF_SourceId>RamseySISAgent</SIF_SourceId>
    </SIF_Header>
  </SIF_LogEntryHeader>
  <SIF_Desc>Agent starting synchronization</SIF_Desc>
</SIF_LogEntry>
```

Example 6.4.1-3: SIF\_LogEntry when an agent starts synchronizing data

```
<SIF_LogEntry Source="ZIS" LogLevel="Error">
  <SIF_LogEntryHeader>
    <SIF_Header>
      <SIF_MsgId>BC1D982CEC5F49D998169930FE5B271C</SIF_MsgId>
      <SIF_Timestamp>2006-08-19T10:49:00-05:00</SIF_Timestamp>
      <SIF_SourceId>RamseyZIS</SIF_SourceId>
    </SIF_Header>
  </SIF_LogEntryHeader>
  <SIF_OriginalHeader>
    <SIF_Header>
      <SIF_MsgId>74234DCB460A4BCB8937B07467EA73CC</SIF_MsgId>
      <SIF_Timestamp>2006-08-19T10:29:00-05:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLibraryAgent</SIF_SourceId>
    </SIF_Header>
  </SIF_OriginalHeader>
  <SIF_Category>4</SIF_Category>
  <SIF_Code>2</SIF_Code>
  <SIF_Desc>Could not deliver StudentPicture Add to RamseyLibraryAgent (127,546 bytes) due to maximum buffer size
</SIF_LogEntry>
```

Example 6.4.1-4: SIF\_LogEntry when a ZIS fails to deliver a message due to buffer size limitations

## 6.5 SIF UK

### 6.5.1 AssessmentLearnerSet

This object describes learners assigned to take an assessment or component grouping (can represent a markbook, exam entry, or an cohort objective).

**SIF\_Events are reported for this object.**

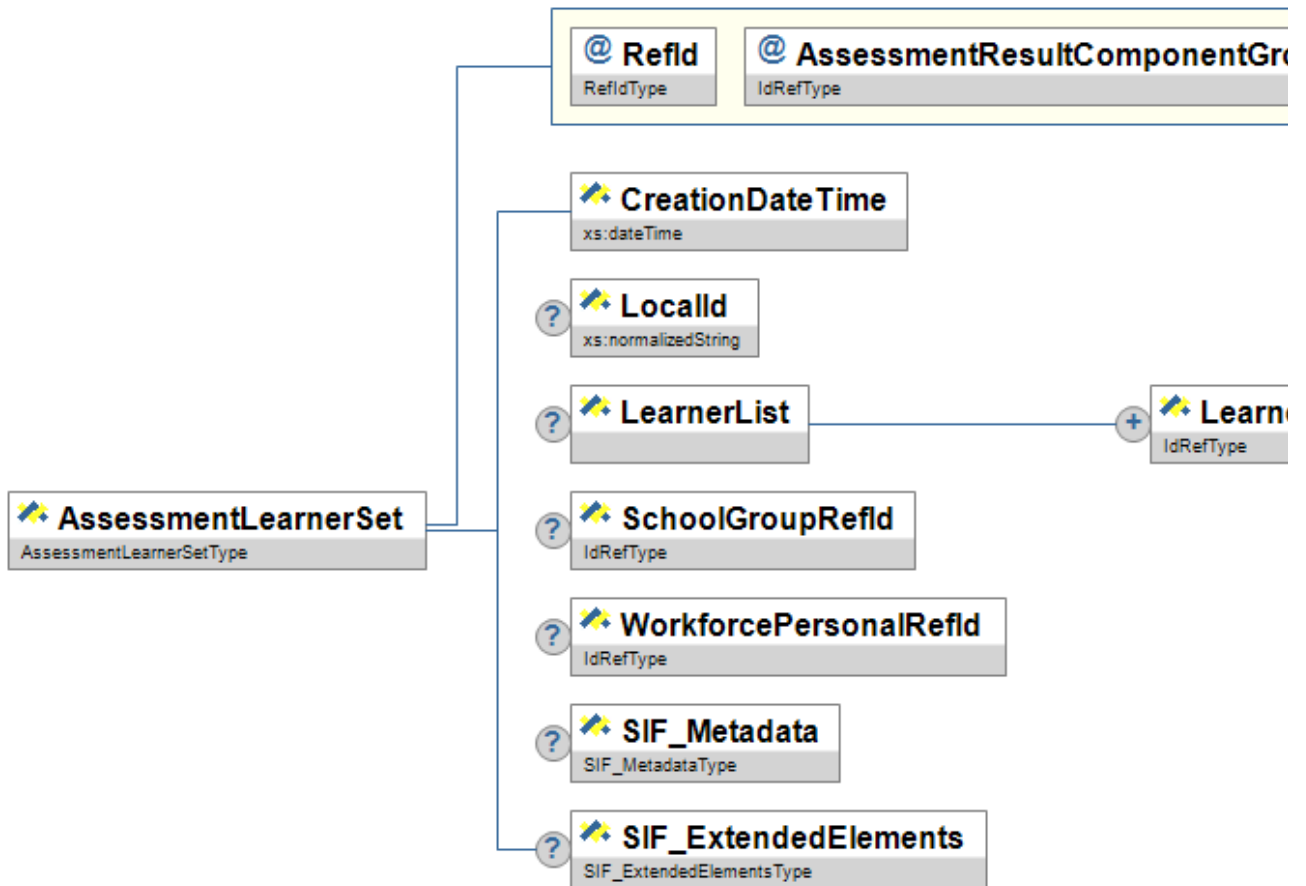



Figure 6.5.1-1: AssessmentLearnerSet

Element/@ Attribute	Char	Description	Type
<b>AssessmentLearnerSet</b>		This object describes learners assigned to take an assessment or component grouping (can represent a markbook, exam entry, or an cohort objective).	
@ RefId 	M	The ID (GUID) that uniquely identifies an instance of this object.	RefIdType
@ AssessmentResultComponentGroupRefId	M	The assessment result component group (test or assessment) associated with the set of listed learners.	IdRefType
CreationDateTime	M	Date/time assignment is created.	xs:dateTime
LocalId	O	Value supplied by publishing vendor/supplier.	xs:normalizedString



Element/@Attribute	Char	Description	Type
LearnerList	C	A list of learners who are to take the test.  Required when SchoolGroupRefId is not supplied.	List
LearnerList/LearnerPersonalRefId	MR	The ID (GUID) of a learner assigned to take an assessment.	IdRefType
SchoolGroupRefId	C	Optional reference to the class group(s) to which this will be/are drawn.  Note that this is required when LearnerList is not supplied.	IdRefType
WorkforcePersonalRefId	O	The ID (GUID) that uniquely identifies the teacher or staff member who created the learner set.	IdRefType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.1-1: AssessmentLearnerSet

```
<AssessmentLearnerSet RefId="AE98AE59A2841743117D9192C326B873" AssessmentResultComponentGroupRefId="8456D39051CC7
<CreationDateTime>2007-02-04T15:30:05</CreationDateTime>
<LocalId>21</LocalId>
<LearnerList>
  <LearnerPersonalRefId>8456D39051CC755293A4A4763088F3D1</LearnerPersonalRefId>
  <LearnerPersonalRefId>8456D39051CC755293A5A4763088F3D2</LearnerPersonalRefId>
  <LearnerPersonalRefId>8456D39051CC755293A6A4763088F3D3</LearnerPersonalRefId>
  <LearnerPersonalRefId>8456D39051CC755293A7A4763088F3D4</LearnerPersonalRefId>
  <LearnerPersonalRefId>8456D39051CC755293A8A4763088F3D5</LearnerPersonalRefId>
</LearnerList>
<WorkforcePersonalRefId>AE98AE59A2841743117D9192C326B878</WorkforcePersonalRefId>
</AssessmentLearnerSet>
```

Example 6.5.1-1: AssessmentLearnerSet

## 6.5.2 AssessmentResponseComponent

This object describes a single component of the assessment or test paper/quiz taken by a learner. A response component has one or more responses.

**SIF\_Events are not reported for this object.**

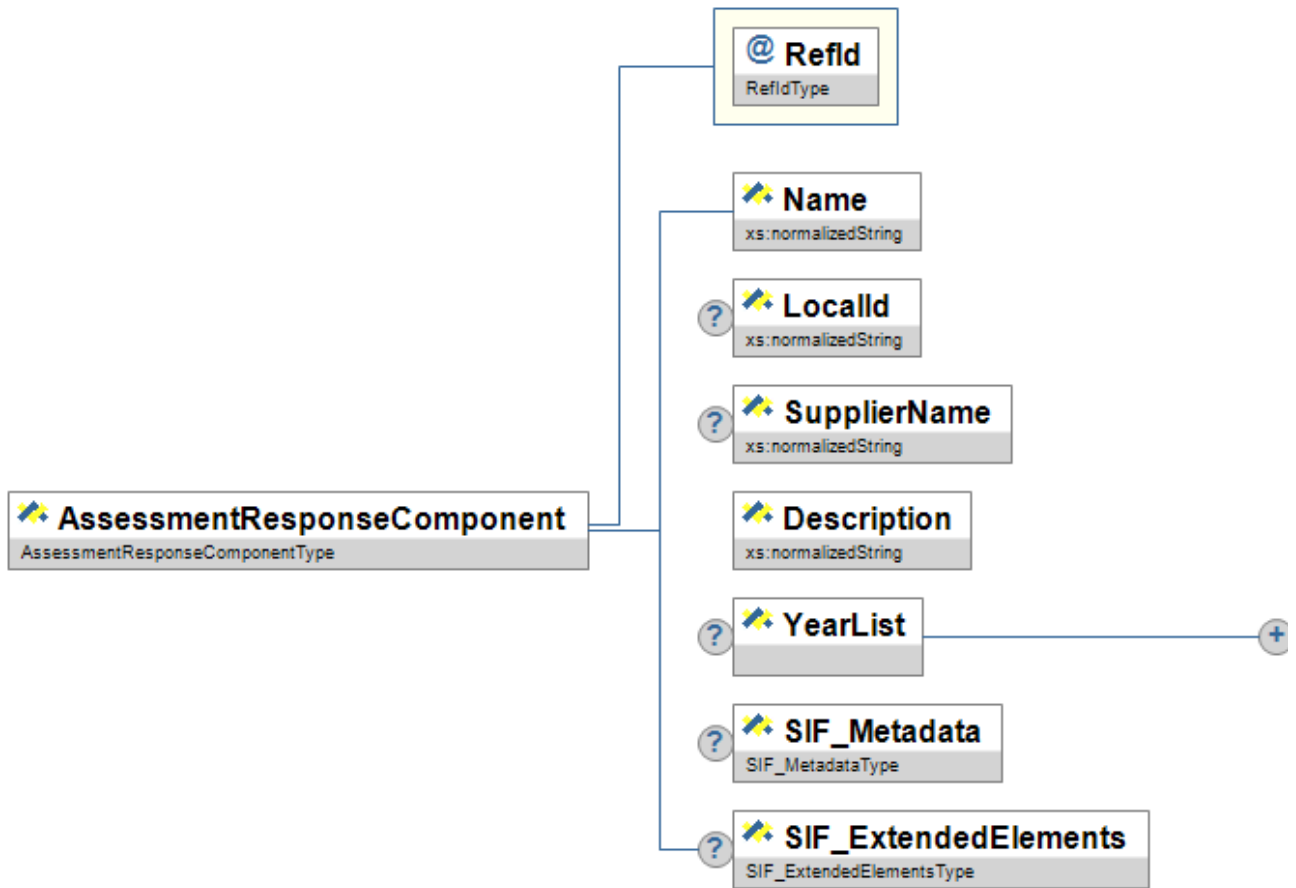


Figure 6.5.2-1: AssessmentResponseComponent

Element/@ Attribute	Char	Description	Type
<b>AssessmentResponseComponent</b>		This object describes a single component of the assessment or test paper/quiz taken by a learner. A response component has one or more responses.	
@ RefId 🔑	M	The GUID that uniquely identifies an instance of this object.	RefIdType
Name	M	The identifier used within the publishing application.	xs:normalizedString
LocalId	O	Optional reference to the school associated with the administration.	xs:normalizedString
SupplierName	O	The supplier/originator/designer/owner of the described component.	xs:normalizedString

Element/@Attribute	Char	Description	Type
Description	M	Longer text describing features of the component.	xs:normalizedString
YearList	O	A list of specific years in which this component is applicable. By convention, if a list is not supplied then this component is assumed to be always available.	List
YearList/Year	MR	A year with which the component grouping is applicable (by convention this is the end year of an academic year eg: 2007/8 resolves to 2008).	xs:normalizedString
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.2-1: AssessmentResponseComponent

```

<AssessmentResponseComponent RefId="876602EF432763EB81928376498038E3">
  <Name>Maths 4C</Name>
  <LocalId>MAT4C</LocalId>
  <SupplierName>ABC Assessments</SupplierName>
  <Description>Maths Level 4 Section C</Description>
  <YearList>
    <Year>2007</Year>
    <Year>2008</Year>
  </YearList>
</AssessmentResponseComponent>

```

Example 6.5.2-1: AssessmentResponseComponent

### 6.5.3 AssessmentResponseComponentGroup

High level container describing components of the actual assessment or test paper/quiz taken by the learner. A response component group contains one or more components.

**SIF\_Events are not reported for this object.**

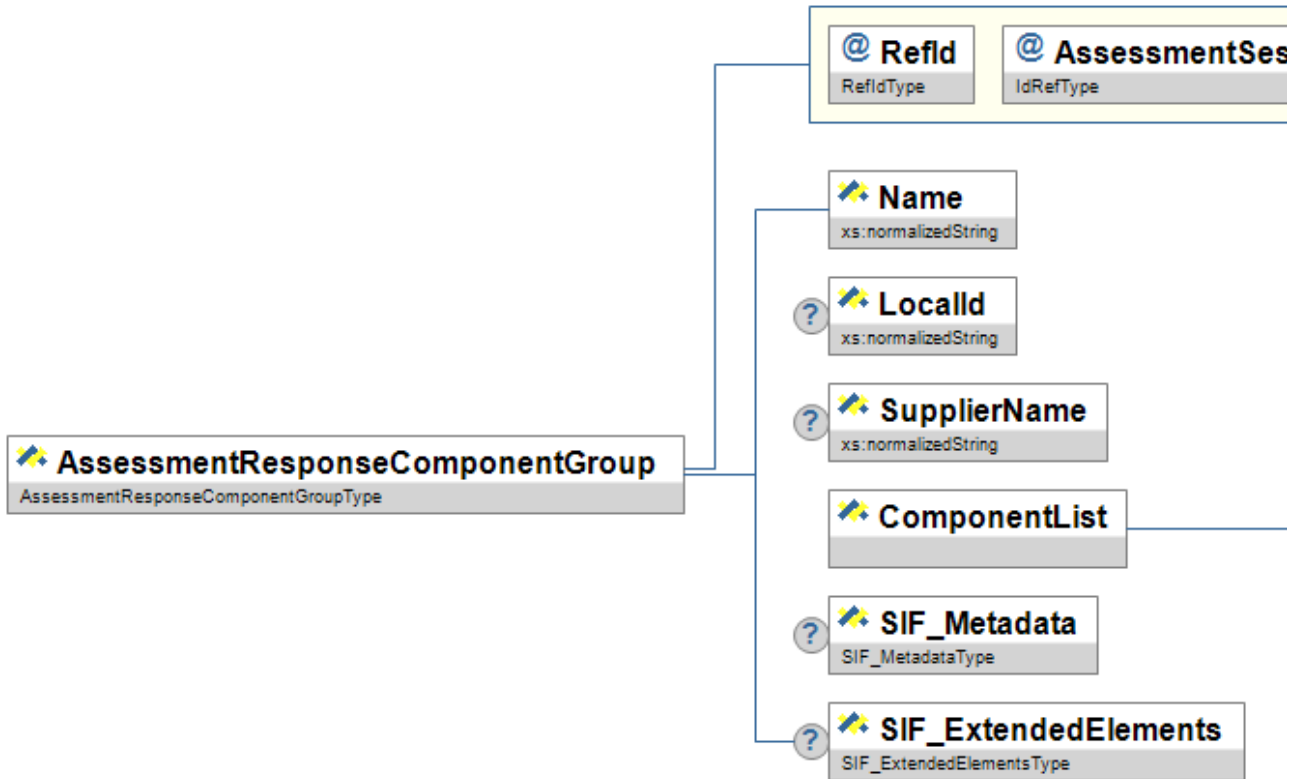


Figure 6.5.3-1: AssessmentResponseComponentGroup

Element/@ Attribute	Char	Description	Type
<b>AssessmentResponseComponentGroup</b>		High level container describing components of the actual assessment or test paper/quiz taken by the learner. A response component group contains one or more components.	
@ RefId Key	M	The ID (GUID) that uniquely identifies an instance of this object.	RefIdType
@ AssessmentSessionRefId	M	The ID (GUID) of the assessment session in which the responses were collected.	IdRefType
Name	M	Name of the assessment/test/taken.	xs:normalizedString
LocalId	O	The identifier used for this entity within the publishing application.	xs:normalizedString

Element/@Attribute	Char	Description	Type
SupplierName	O	The supplier/originator/designer/owner of the described component grouping.	xs:normalizedString
ComponentList	M	A list of the components contained within this component group.	List
ComponentList/AssessmentResponseComponentRefId	MR	The SIF identifier for an assessment response component.	IdRefType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.3-1: AssessmentResponseComponentGroup

```
<AssessmentResponseComponentGroup RefId="87302A8E7492310B8CC5636A321F934E" AssessmentSessionRefId="559023AF3BC832"
  <Name>Maths Level 4</Name>
  <LocalId>MAT4</LocalId>
  <SupplierName>ABC Assessments</SupplierName>
  <ComponentList>
    <AssessmentResponseComponentRefId>73920A9834E8DF216526690AE58F3219</AssessmentResponseComponentRefId>
    <AssessmentResponseComponentRefId>829763D0934A98120AB87459381AB064</AssessmentResponseComponentRefId>
    <AssessmentResponseComponentRefId>87389EE348A23416589320A7DE456104</AssessmentResponseComponentRefId>
  </ComponentList>
</AssessmentResponseComponentGroup>
```

Example 6.5.3-1: AssessmentResponseComponentGroup

## 6.5.4 AssessmentResultComponent

A psychological construct measured by the assessment. Operationally, an assessment component or subtest is a class of scores within an assessment that might collectively represent a column within a mark book. Some assessments may consist of only one component, aspect or subtest although it is more common for assessments to have several.

Similar to `AssessmentSubTest` in US model.

**SIF\_Events are not reported for this object.**

**AssessmentResultComponent**  
AssessmentResultComponentType

**@ RefId**  
RefIdType

**Name**  
xs:normalizedString

**LocalId**  
xs:normalizedString

**ShortDescription**  
xs:normalizedString

**Description**  
xs:normalizedString

**YearList**

**AssessmentSubjectList**

**StageList**

**AssessmentResultGradeSetRefId**  
IdRefType

**MarkSetList**

**ComponentType**  
\_xs:token


**ResultQualifier**  
UKAssessmentResultQualifierType

**AssessmentMethod**  
UKAssessmentMethodType

**SupplierName**  
xs:normalizedString

**SIF\_Metadata**  
SIF\_MetadataType

Figure 6.5.4-1: AssessmentResultComponent

	Element/@Attribute	Char	Description	Type
	<b>AssessmentResultComponent</b>		<p>A psychological construct measured by the assessment. Operationally, an assessment component or subtest is a class of scores within an assessment that might collectively represent a column within a mark book. Some assessments may consist of only one component, aspect or subtest although it is more common for assessments to have several.</p> <p>Similar to <code>AssessmentSubTest</code> in US model.</p>	
	@ RefId 	M	The ID (GUID) of this aspect or subtest.	RefIdType
	Name	M	The name used to identify this component or aspect.	xs:normalizedString
	LocalId	O	The identifier used within the publishing application.	xs:normalizedString
	ShortDescription	M	Shorter description used for column headers in marksheets, etc.	xs:normalizedString
	Description	M	Longer text describing features of the component.	xs:normalizedString
	YearList	O	A list of specific years in which this component is applicable. By convention, if a list is not supplied then this component is assumed to be always available.	List
	YearList/Year	MR	A year with which the component grouping is applicable (by convention this is the end year of an academic year eg: 2007/8 resolves to 2008).	xs:normalizedString

Element/@Attribute	Char	Description	Type
AssessmentSubjectList	O	A list of subject areas associated with this assessment component or aspect.	List
AssessmentSubjectList/Subject	MR	A subject area associated with this assessment component or aspect.	UKAssessmentSubjectType
StageList	O	List of the stages that this component can be used to assess.	List
StageList/Stage	MR	The assessed stage (this may well be a Keystage List, but there is no reason why it couldn't be used for other concepts such as NcYear applicability, Level Exam Level GCSE, A-Level etc.).	UKAssessmentStageType
AssessmentResultGradeSetRefId	C	The gradeset associated with the component or aspect.  Required if <code>ComponentType</code> is set to <code>Grade</code> .	IdRefType
MarkSetList	C	Required if <code>ComponentType</code> is <code>Mark</code> .	List
MarkSetList/MarkSet	MR	Defines a mark range.	
MarkSetList/MarkSet/StartDate	O	Start date of the range validity - ranges should not overlap. If not supplied then assumed to have always been valid in the past.	xs:date
MarkSetList/MarkSet/EndDate	O	End date of the range validity - ranges should not overlap. If not supplied then assumed to always will be valid in the future.	xs:date
MarkSetList/MarkSet/MinValue	M	The minimum value in the range of marks.	xs:decimal



Element/@Attribute	Char	Description	Type
MarkSetList/MarkSet/MaxValue	M	The maximum value in the range of marks.	xs:decimal
ComponentType	M	Defines the associated result format.	<b>values:</b> Comment Grade Mark
ResultQualifier	M	Defines the format or type of result(s) awarded.	UKAssessmentResultQualifierType
AssessmentMethod	M	The method or format of the Assessment.	UKAssessmentMethodType
SupplierName	O	The supplier/originator/designer/owner of the aspect.	xs:normalizedString
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.4-1: AssessmentResultComponent

```
<AssessmentResultComponent RefId="7C834EA9EDA12090347F83297E1C290C">
  <Name>AT2</Name>
  <ShortDescription>AT2</ShortDescription>
  <Description>English Reading (AT2)</Description>
  <YearList>
    <Year>2007</Year>
  </YearList>
  <AssessmentSubjectList>
    <Subject>ENG</Subject>
  </AssessmentSubjectList>
  <StageList>
    <Stage>KS1</Stage>
  </StageList>
  <MarkSetList>
    <MarkSet>
      <StartDate>2005-07-01</StartDate>
      <MinValue>5</MinValue>
      <MaxValue>17</MaxValue>
    </MarkSet>
  </MarkSetList>
  <ComponentType>Mark</ComponentType>
  <ResultQualifier>NL</ResultQualifier>
  <AssessmentMethod>TA</AssessmentMethod>
  <SupplierName>XYZ Assessment Services</SupplierName>
</AssessmentResultComponent>
```

Example 6.5.4-1: AssessmentResultComponent

## 6.5.5 AssessmentResultComponentGroup

High level container describing an assessment or test or common goal. Each component group contains one or more components, also known as subtests, aspects, or sub-assessments.

**SIF\_Events are not reported for this object.**

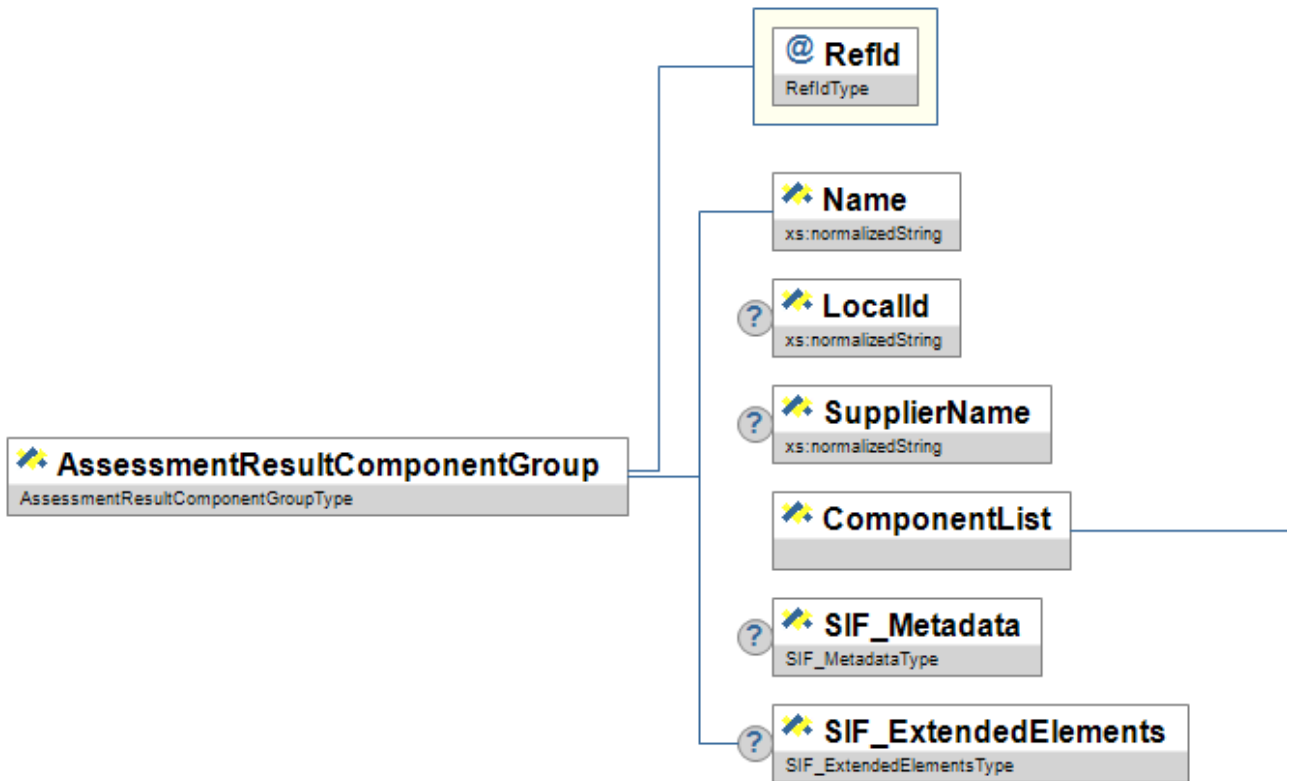


Figure 6.5.5-1: AssessmentResultComponentGroup

Element/@ Attribute	Char	Description	Type
<b>AssessmentResultComponentGroup</b>		High level container describing an assessment or test or common goal. Each component group contains one or more components, also known as subtests, aspects, or sub-assessments.	
@ RefId Key	M	The ID (GUID) that uniquely identifies a component group.	RefIdType
Name	M	Name of the assessment/test/goal.	xs:normalizedString
LocalId	O	The identifier used for this entity within the publishing application.	xs:normalizedString
SupplierName	O	The supplier/originator/designer/owner of the described component grouping.	xs:normalizedString

Element/@Attribute	Char	Description	Type
ComponentList	M	A list of the components contained within this component group.	List
ComponentList/AssessmentResultComponentRefId	MR	A SIF identifier for an assessment result component.	IdRefType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.5-1: AssessmentResultComponentGroup

```
<AssessmentResultComponentGroup RefId="C39048BE914227F9F32B193C408542D3">
  <Name>Science Test Level KS2</Name>
  <SupplierName>DCSF</SupplierName>
  <ComponentList>
    <AssessmentResultComponentRefId>C39048BE914224F9F32B193C408542D5</AssessmentResultComponentRefId>
    <AssessmentResultComponentRefId>C39048BE914224F9F32B193C408542D5</AssessmentResultComponentRefId>
    <AssessmentResultComponentRefId>C39048BE914224F9F32B193C408542D5</AssessmentResultComponentRefId>
  </ComponentList>
</AssessmentResultComponentGroup>
```

Example 6.5.5-1: AssessmentResultComponentGroup

## 6.5.6 AssessmentResultGradeSet

Represents a range of valid grades (over time) for a result.

**SIF\_Events are not reported for this object.**

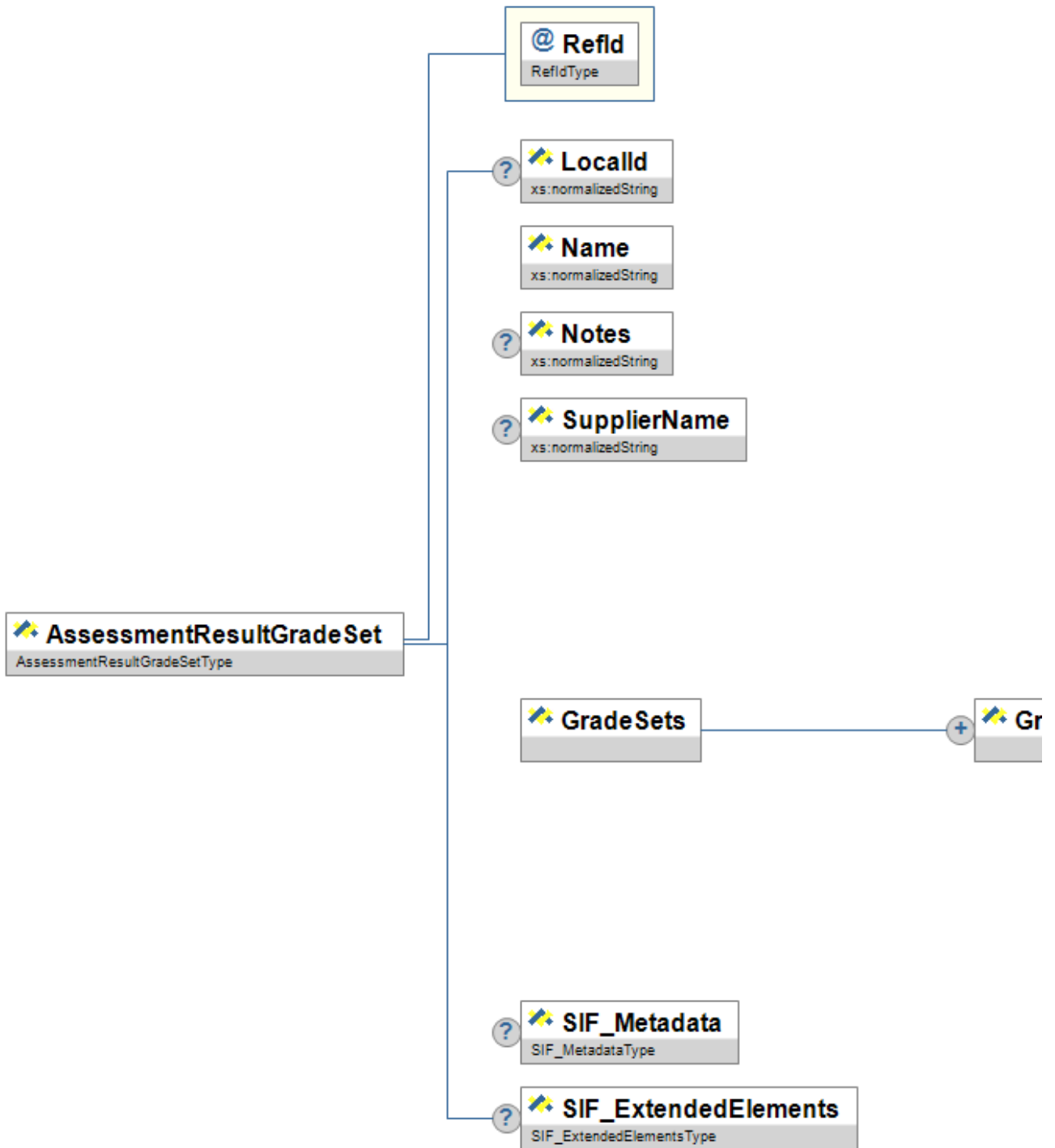


Figure 6.5.6-1: AssessmentResultGradeSet

	Element/@Attribute	Char	Description	Type
	AssessmentResultGradeSet		Represents a range of valid grades (over time) for a result.	
@ Key	RefId	M	The ID (GUID) of this grade set.	RefIdType

Element/@Attribute	Char	Description	Type
LocalId	O	The locally assigned identifier for this grade set.	xs:normalizedString
Name	M	The descriptive identifier for the grade set.	xs:normalizedString
Notes	O	Explanatory/usage notes for grade set.	xs:normalizedString
SupplierName	O	The supplier/originator/designer/owner of the gradeset.	xs:normalizedString
GradeSets	M	Collection of versions of a grade set (dated, non-overlapping).	List
GradeSets/GradeSet	MR	A specific version of a grade set.	
GradeSets/GradeSet/StartDate	M	The start date from which this version is valid.	xs:date
GradeSets/GradeSet/EndDate	O	The end date until which this version is valid.	xs:date
GradeSets/GradeSet/Grades	M	The list of grades in the set.	List
GradeSets/GradeSet/Grades/Grade	MR	Description of an individual grade in the set.	
GradeSets/GradeSet/Grades/Grade/Title	M	The visual representation of the grade.	xs:normalizedString
GradeSets/GradeSet/Grades/Grade/Description	M	The meaning of the grade.	xs:normalizedString
GradeSets/GradeSet/Grades/Grade/RankOrder	M	The rank position of the grade within the set where the highest value is assumed to be the best. While duplicate ranks are allowed they are discouraged.	xs:unsignedInt

Element/@Attribute	Char	Description	Type
GradeSets/GradeSet/Grades/Grade/NumericValue	M	The numeric equivalent value of the grade.	xs:decimal
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.6-1: AssessmentResultGradeSet

```
<AssessmentResultGradeSet RefId="B8359C32AE94474174B03008D9A2744E">
  <LocalId>PscaleIndATs</LocalId>
  <Name>P Scale Individual ATs</Name>
  <Notes>Grades for use with individual P Scale ATs in English and Maths</Notes>
  <SupplierName>XYZ Assessment Services</SupplierName>
  <GradeSets>
    <GradeSet>
      <StartDate>2004-01-09</StartDate>
      <EndDate>2006-08-31</EndDate>
      <Grades>
        <Grade>
          <Title>P8</Title>
          <Description>P8</Description>
          <RankOrder>1</RankOrder>
          <NumericValue>8.00</NumericValue>
        </Grade>
        <Grade>
          <Title>P7</Title>
          <Description>P7</Description>
          <RankOrder>22</RankOrder>
          <NumericValue>7.00</NumericValue>
        </Grade>
        <Grade>
          <Title>P6</Title>
          <Description>P6</Description>
          <RankOrder>3</RankOrder>
          <NumericValue>6.00</NumericValue>
        </Grade>
      </Grades>
    </GradeSet>
  </GradeSets>
</AssessmentResultGradeSet>
```

Example 6.5.6-1: AssessmentResultGradeSet

## 6.5.7 AssessmentSession

A session is an event where an activity is performed by or on a learner set which contributes to the attainment of the objective. Occurs at a place and time (e.g., a test is taken, assignments are handed in, a test is marked).

**SIF\_Events are reported for this object.**

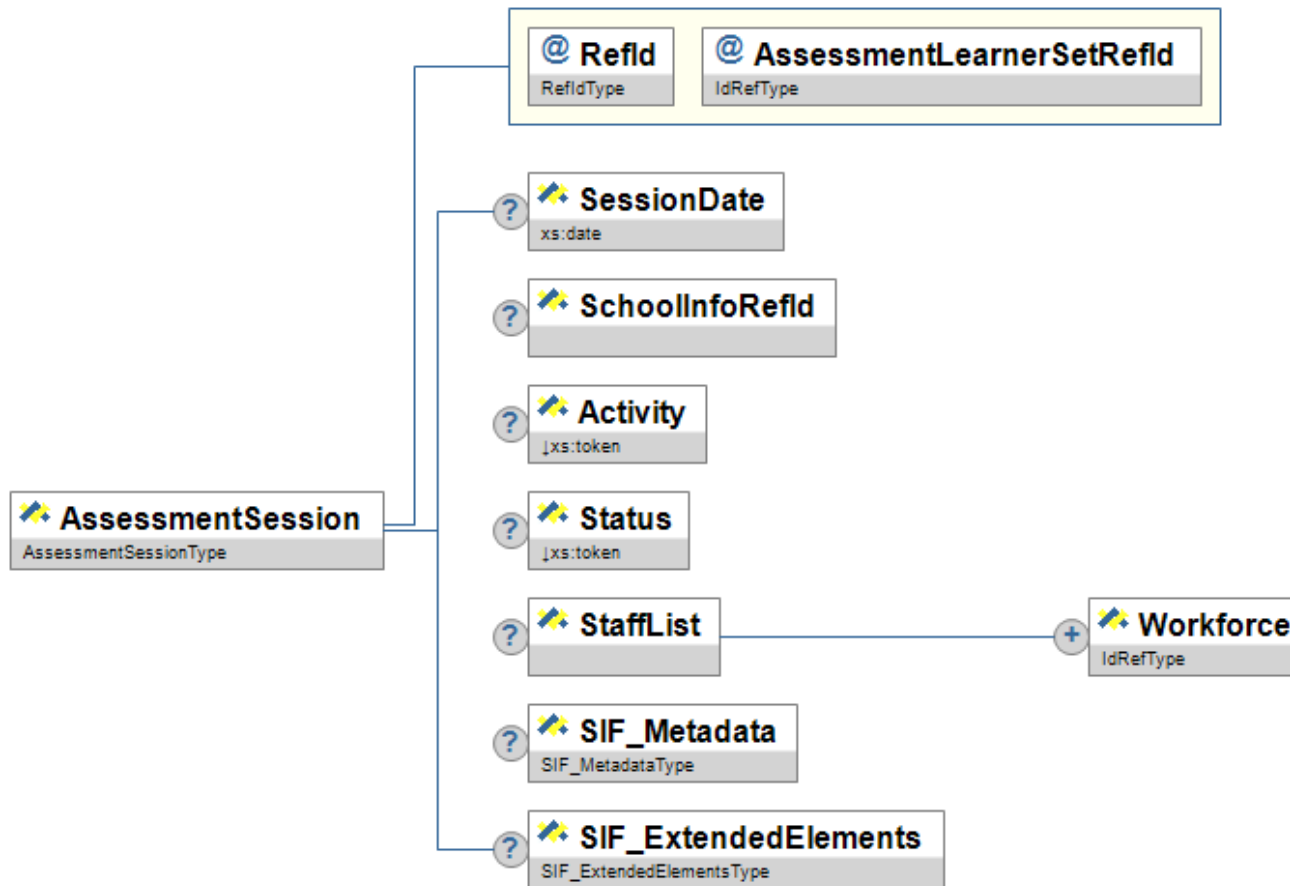


Figure 6.5.7-1: AssessmentSession

Element/@ Attribute	Char	Description	Type
<b>AssessmentSession</b>		A session is an event where an activity is performed by or on a learner set which contributes to the attainment of the objective. Occurs at a place and time (e.g., a test is taken, assignments are handed in, a test is marked).	
@ RefId 	M	The ID (GUID) of this session.	RefIdType
@ AssessmentLearnerSetRefId	M	The ID (GUID) of the set of people the session refers to.	IdRefType
SessionDate	O	The date at which the activity takes place.	xs:date
SchoolInfoRefId	O	The ID (GUID) of the school that the event takes place.	

Element/@Attribute	Char	Description	Type
Activity	O	The activity which takes place.	<b>values:</b> Test Homework Exam
Status	O	The current status of the session.	<b>values:</b> Planned Complete Published
StaffList	O	A list of the teachers or other staff responsible for administering or assisting the learner with this assessment.	List
StaffList/WorkforcePersonalRefId	MR	The GUID that uniquely identifies a teacher or other staff member responsible for administering or assisting the learner with this assessment.	IdRefType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.7-1: AssessmentSession

```
<AssessmentSession RefId="E98AE59C32A2117D9192A6B873841743" AssessmentLearnerSetRefId="8456D39051CC755293A4A47630
<SessionDate>2007-01-27</SessionDate>
<SchoolInfoRefId>8456D39051CC755293A4A4763088F3D3</SchoolInfoRefId>
<Activity>Test</Activity>
<Status>Complete</Status>
<StaffList>
  <WorkforcePersonalRefId>E98AE59C32A2117D9192A6B873841743</WorkforcePersonalRefId>
</StaffList>
</AssessmentSession>
```

Example 6.5.7-1: AssessmentSession

## 6.5.8 ContactPersonal

This object describes any person created as a contact at a school, LEA, or other institution, or associated with a Learner or other Workforce person.

**SIF\_Events are reported for this object.**



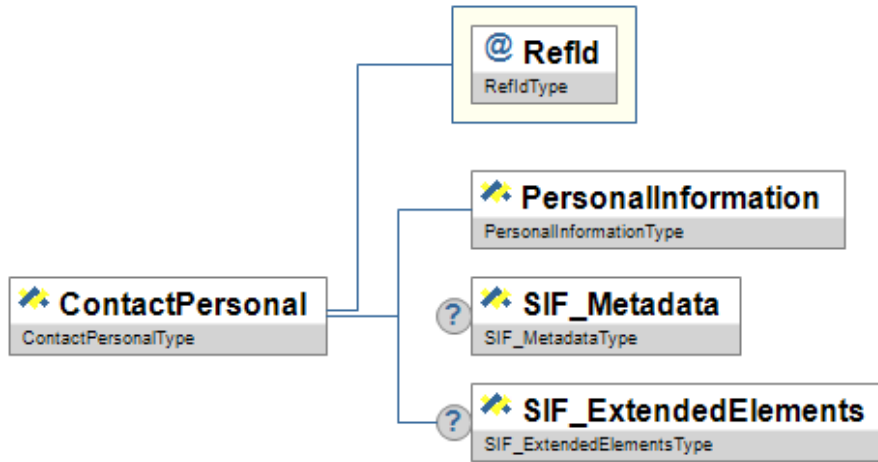


Figure 6.5.8-1: ContactPersonal

	Element/@Attribute	Char	Description	Type
	<b>ContactPersonal</b>		This object describes any person created as a contact at a school, LEA, or other institution, or associated with a Learner or other Workforce person.	
@ Key	RefId	M	The ID (GUID) of a person referenced as a contact. Note that this GUID may be the same GUID assigned to a LearnerPersonal and/or WorkforcePersonal object record.	RefIdType
	PersonalInformation	M	Name, demographic, address, email, and phone information for a person acting as a contact.	PersonalInformation
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.8-1: ContactPersonal

```

<ContactPersonal RefId="92E50229EC3911DBA762000E0CA41EF3">
  <PersonalInformation>
    <Name Type="C">
      <FamilyName>Jorgenson</FamilyName>
      <GivenName>Stephen</GivenName>
    </Name>
    <Demographics>
      <Gender>M</Gender>
    </Demographics>
    <Email Type="Personal">sjorgens@myschool.co.uk</Email>
    <Address Type="Current">
      <PAON>
        <StartNumber>27</StartNumber>
      </PAON>
      <Street>Lower Guildford Road</Street>
      <Locality>Knaphill</Locality>
      <Town>Woking</Town>
      <AdministrativeArea>Surrey</AdministrativeArea>
      <PostCode>GU22 2DE</PostCode>
      <Country>GBR</Country>
    </Address>
    <PhoneNumber Type="H">
      <Number>01748661731</Number>
    </PhoneNumber>
    <OtherPhoneNumberList>
      <PhoneNumber Type="M">
        <Number>07777977341</Number>
      </PhoneNumber>
    </OtherPhoneNumberList>
  </PersonalInformation>
</ContactPersonal>
  
```

Example 6.5.8-1: ContactPersonal

## 6.5.9 Identity

This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the `Identity` object may only support providing an identity or a password, or it may support both.

**SIF\_Events** are reported for this object.

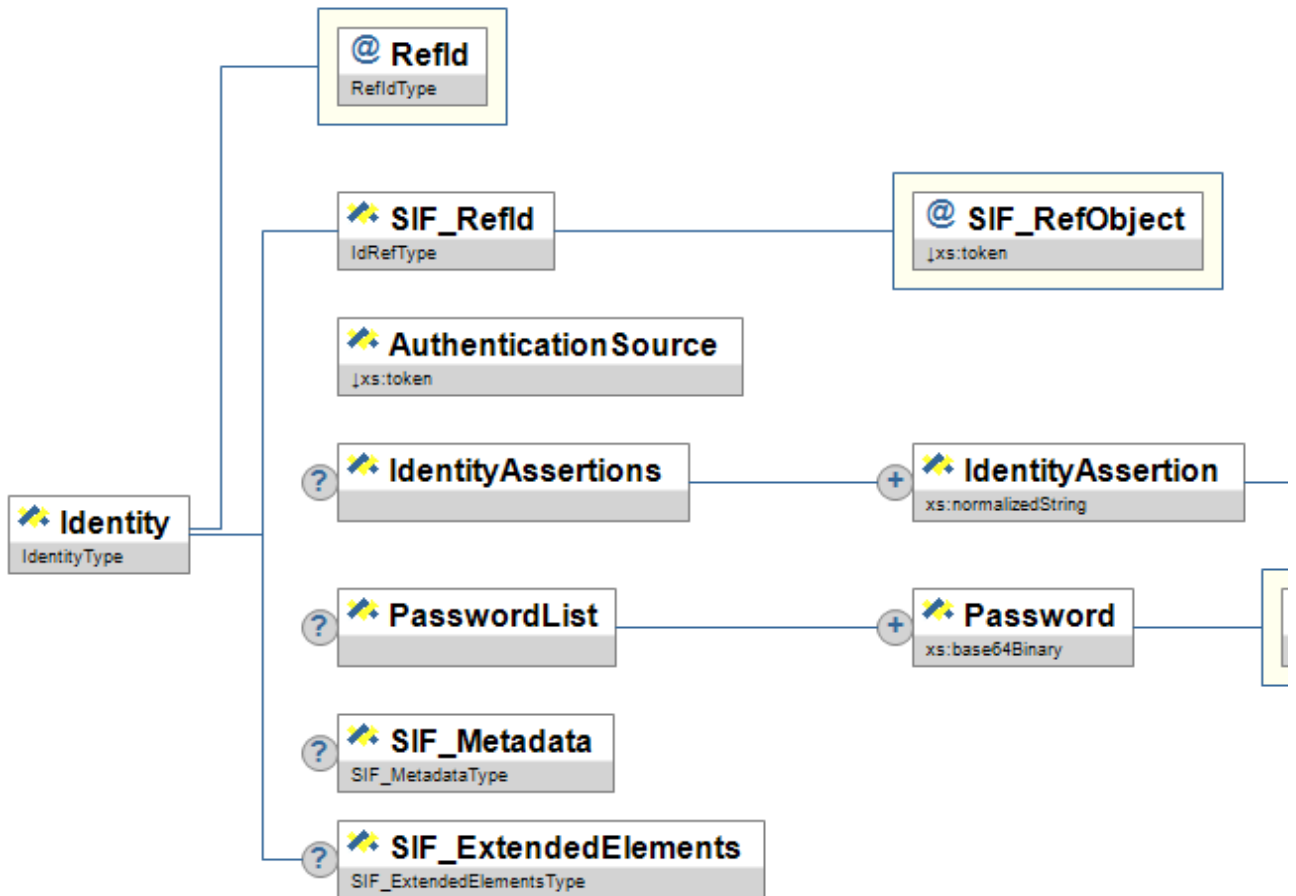


Figure 6.5.9-1: Identity

	Element/@Attribute	Char	Description	Type
	<b>Identity</b>		This object allows a system that stores network identities and/or passwords to share them with other applications through SIF. The provider of the <code>Identity</code> object may only support providing an identity or a password, or it may support both.	
	@ RefId Key	M	The SIF RefId that uniquely identifies this object.	RefIdType
	SIF_RefId	M	The SIF RefId of a <code>LearnerPersonal</code> , <code>WorkforcePersonal</code> , or <code>ContactPersonal</code> object.	IdRefType

	Element/@Attribute	Char	Description	Type
@	SIF_RefObject	M	The type of SIF object that the SIF_RefId attribute identifies.	<b>values:</b> LearnerPersonal WorkforcePersonal ContactPersonal
	AuthenticationSource	M	The type of source system that produced this Identityobject.  See implementation notes for provider requirements.	<b>values:</b> UKAccessShibboleth MSActiveDirectory NovellNDS OpenDirectory Other
	IdentityAssertions	O	The list of identity assertions for this user.	ActionList (IdentityAssertion/@SchemaName)
	IdentityAssertions/IdentityAssertion	MR	The identification string for this user.	xs:normalizedString
@	SchemaName	M	The name of the field.  See implementation notes for details on required schema elements.  <b>Examples</b> eduPersonPrincipalName sAmAccountName	xs:normalizedString
	PasswordList	O	Allows a provider or publisher to specify the same password using multiple algorithms, if supported.	List
	PasswordList/Password	MR	A representation of the user's password using the given algorithm.	xs:base64Binary
@	Algorithm	M	The method used to encrypt the user's password. See the implementation details below.	<b>values:</b> MD5 SHA1 DES TripleDES RC2 AES
@	KeyName	M	The name of the key to be used for decryption of the password. Left blank for hash algorithms (MD5 and SHA1).	xs:normalizedString
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.9-1: Identity

```
<Identity RefId="4286194F43ED43C18EE2F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="LearnerPersonal">23B08571E4D645C3B82A3E52E5349925</SIF_RefId>
  <AuthenticationSource>UKAccessShibboleth</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="eduPersonPrincipalName">john.doe@asdf.sch.uk</IdentityAssertion>
  </IdentityAssertions>
</Identity>
```

Example 6.5.9-1: Identity published by a UK Access Federation Shibboleth Provider

```
<Identity RefId="4286194F43ED43C18EE2F0A27C4BEF86">
  <SIF_RefId SIF_RefObject="LearnerPersonal">23B08571E4D645C3B82A3E52E5349925</SIF_RefId>
  <AuthenticationSource>MSActiveDirectory</AuthenticationSource>
  <IdentityAssertions>
    <IdentityAssertion SchemaName="sAmAccountName">user01</IdentityAssertion>
    <IdentityAssertion SchemaName="userPrincipalName">user01@asdf.sch.uk</IdentityAssertion>
    <IdentityAssertion SchemaName="distinguishedName">cn=User01,cn=Users,dc=org</IdentityAssertion>
  </IdentityAssertions>
</Identity>
```

Example 6.5.9-2: Identity published by Microsoft Active Directory

## 6.5.10 LAInfo

This object contains information about a Local Authority (LA). Compare with US/Canada object: LEAInfo.

**SIF\_Events are reported for this object.**

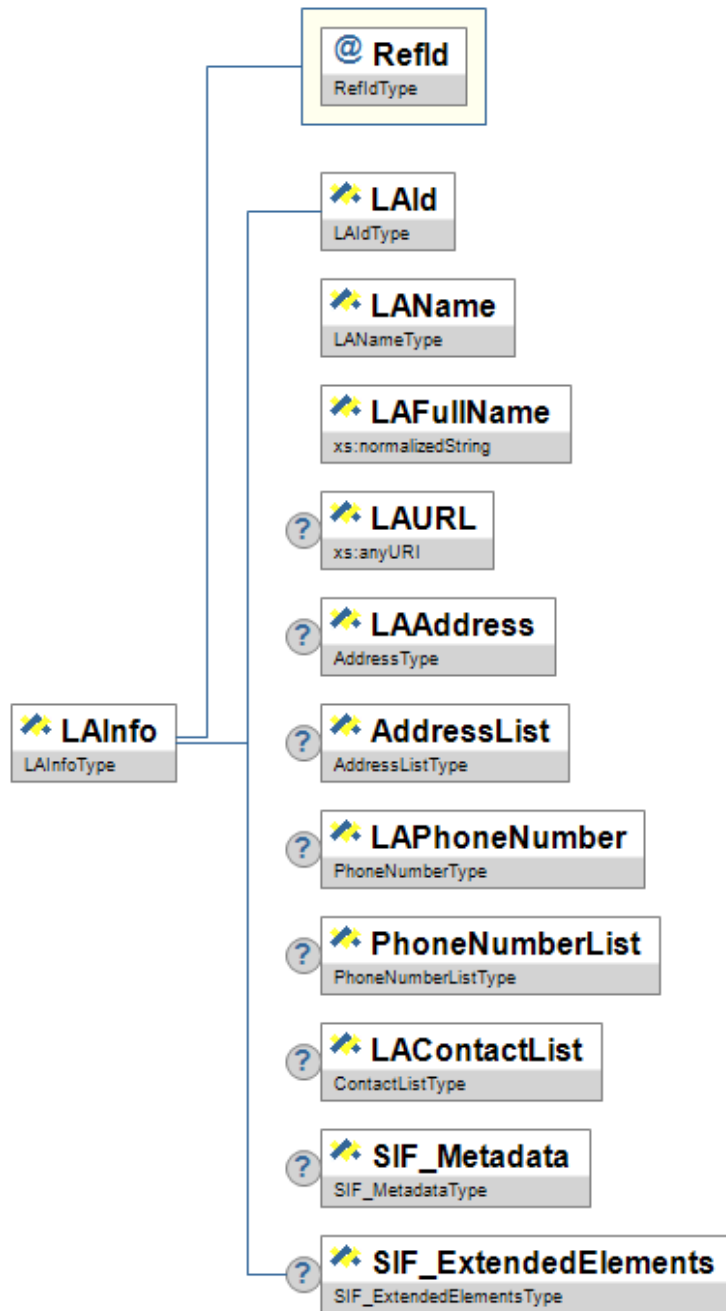


Figure 6.5.10-1: LAInfo

Element/@Attribute	Char	Description	Type
<b>LAInfo</b>		This object contains information about a Local Authority (LA). Compare with US/Canada object: LEAInfo.	
@ RefId 🔑	M	The GUID of the LA whose information this is.	RefIdType
LAId	M	The 3-digit LA number assigned by DfES.	LAId
LAName	M	The LA's short name to be used for reporting purposes. Normally, the word "Council" should not be included.	LAName
LAFullName	M	The LA's full name.	xs:normalizedString
LAURL	O	URL for the main LA website.	xs:anyURI
LAAddress	O	The LA's main address information.	Address

Element/@Attribute	Char	Description	Type
AddressList	O	A list of the LA's other addresses, if any.	AddressList
LAPhoneNumber	O	The LA's primary phone number.	PhoneNumber
PhoneNumberList	O	A list of the LA's other phone number(s).	PhoneNumberList
LAContactList	O	A list of contacts within the LA.	ContactList
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.10-1: LAInfo

```

<LAInfo RefId="81559915646EBEC342277E6D2AA5EAEA">
  <LAId>330</LAId>
  <LAName>BIRMINGHAM</LAName>
  <LAFullName>Birmingham City Council</LAFullName>
  <LAURL>http://www.birmingham.gov.uk</LAURL>
  <LAAddress Type="Mailing">
    <PAON>
      <Description>Victoria Square</Description>
    </PAON>
    <SAON>
      <Description>Council House</Description>
    </SAON>
    <AdministrativeArea>Birmingham</AdministrativeArea>
    <PostCode>B1 1BB</PostCode>
    <Country>GBR</Country>
  </LAAddress>
  <LAPhoneNumber Type="W">
    <Number>01213039944</Number>
  </LAPhoneNumber>
  <LAContactList>
    <Contact SIF_RefId="7B391229EC3911DBA762000E0CA444AF" SIF_RefObject="ContactPersonal">
      <PositionTitle>Chief Auditor</PositionTitle>
      <Role>Financial auditor</Role>
      <PublishInDirectory>Yes</PublishInDirectory>
    </Contact>
    <Contact SIF_RefId="9AB56229EC3911DBA762000E0C57A9E3" SIF_RefObject="ContactPersonal">
      <PositionTitle>Building Inspector</PositionTitle>
      <Role>Maintains buildings per city codes</Role>
      <PublishInDirectory>Yes</PublishInDirectory>
    </Contact>
  </LAContactList>
</LAInfo>

```

Example 6.5.10-1: LAInfo

## 6.5.11 LearnerAssessmentResponseSet

The set of all responses provided by a learner while taking an assessment. This information represents the raw input data that is then evaluated to produce one or more scores, marks, or grades for the learner.

**SIF\_Events are reported for this object.**

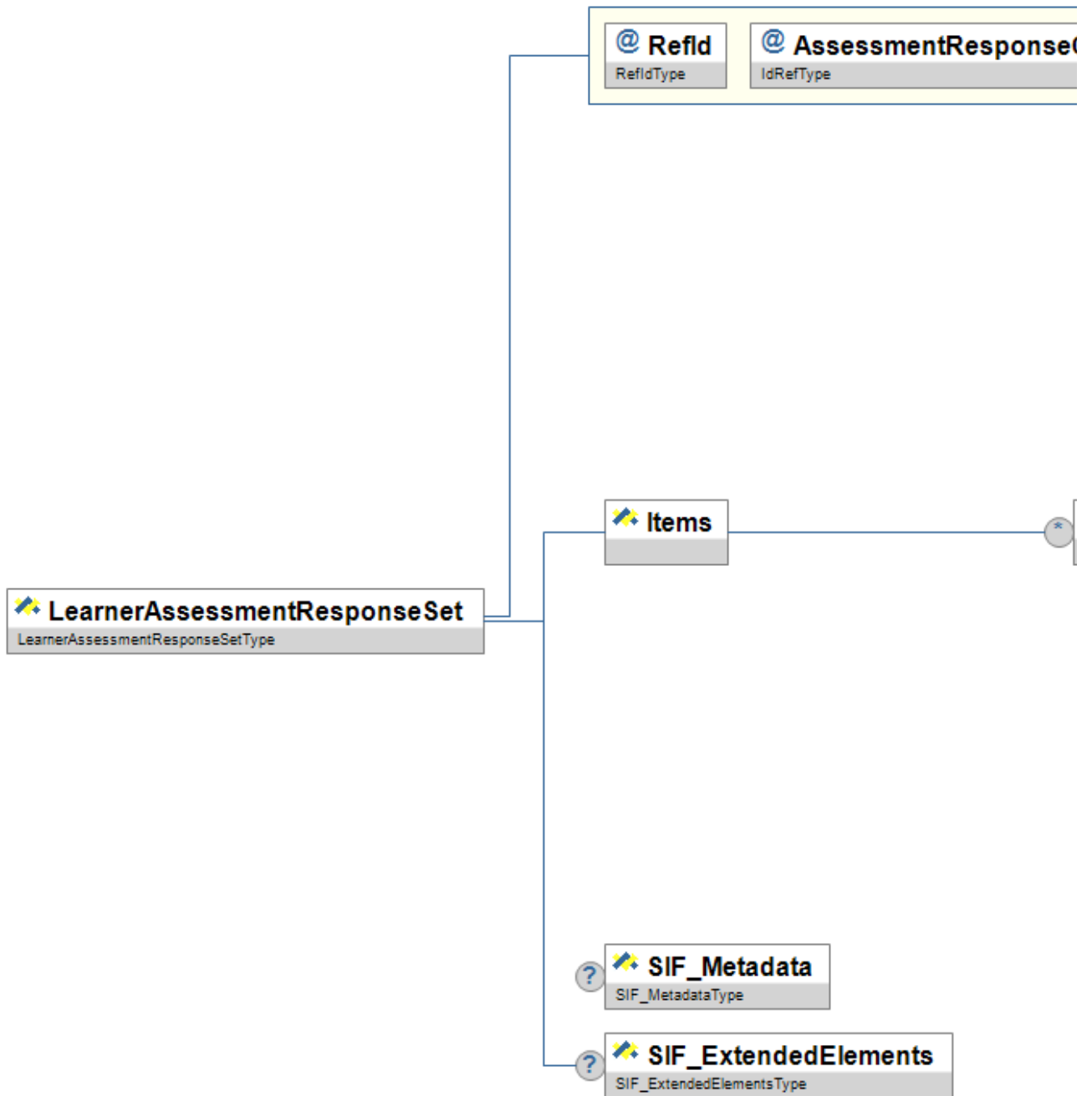


Figure 6.5.11-1: LearnerAssessmentResponseSet

	Element/@Attribute	Char	Description	Type
	<b>LearnerAssessmentResponseSet</b>		The set of all responses provided by a learner while taking an assessment. This information represents the raw input data that is then evaluated to produce one or more scores, marks, or grades for the learner.	
@ Key	RefId	M	The ID (GUID) that uniquely identifies this response set.	RefIdType

	Element/@Attribute	Char	Description	Type
@	AssessmentResponseComponentRefId	M	The ID (GUID) of the assessment response component that the responses are associated with	IdRefType
@	LearnerPersonalRefId	M	The ID (GUID) of the Learner for whom these responses are.	IdRefType
	Items	M	A container for item responses.	List
	Items/Item	OR	An item contains response data and metadata. An item is defined as the stimuli presented to a learner to evoke a response for the purpose of evaluation. In most cases an item equates to a single question on the assessment.	
	Items/Item/Response	M	Learner selection or response in raw format.	xs:string
	Items/Item/ResponseStatus	O	Status of the response.	<b>values:</b> Correct Incorrect Complete PartiallyComplete Viewed NotViewed NotAnswered Attempted (viewed but no response given) Incomplete
	Items/Item/ResponseTime	O	The length of time the learner took to respond.	xs:duration
	Items/Item/Mark	O	The mark achieved for this item as evaluated by the assessment tool at the time of assessment.	xs:normalizedString
	Items/Item/Group	O	The item group within the assessment.	xs:normalizedString
	Items/Item/ItemName	O	Identifies the item on the assessment by name.	xs:token



Element/@Attribute	Char	Description	Type
Items/Item/ItemNumber	O	Identifies the item by number on the assessment.	xs:token
Items/Item/OrderAsked	O	The order in which the item was asked.	xs:decimal
Items/Item/NumberOfAttempts	O	The number of times a learner changes their answer or attempts a response.	xs:unsignedInt
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.11-1: LearnerAssessmentResponseSet

```

<LearnerAssessmentResponseSet RefId="D6548D9AE6B87192AE98384174359C32" AssessmentResponseComponentRefId="7192AE98
<Items>
  <Item>
    <Response>C</Response>
    <ResponseStatus>Complete</ResponseStatus>
    <ResponseTime>PT32S</ResponseTime>
    <Mark>Y</Mark>
    <Group>Writing Section 3</Group>
    <ItemName>Writing 3A</ItemName>
    <ItemNumber>W3A</ItemNumber>
    <OrderAsked>1</OrderAsked>
    <NumberOfAttempts>2</NumberOfAttempts>
  </Item>
</Items>
</LearnerAssessmentResponseSet>

```

Example 6.5.11-1: LearnerAssessmentResponseSet

## 6.5.12 LearnerAssessmentResult

A single result for a learner.

**SIF\_Events** are reported for this object.

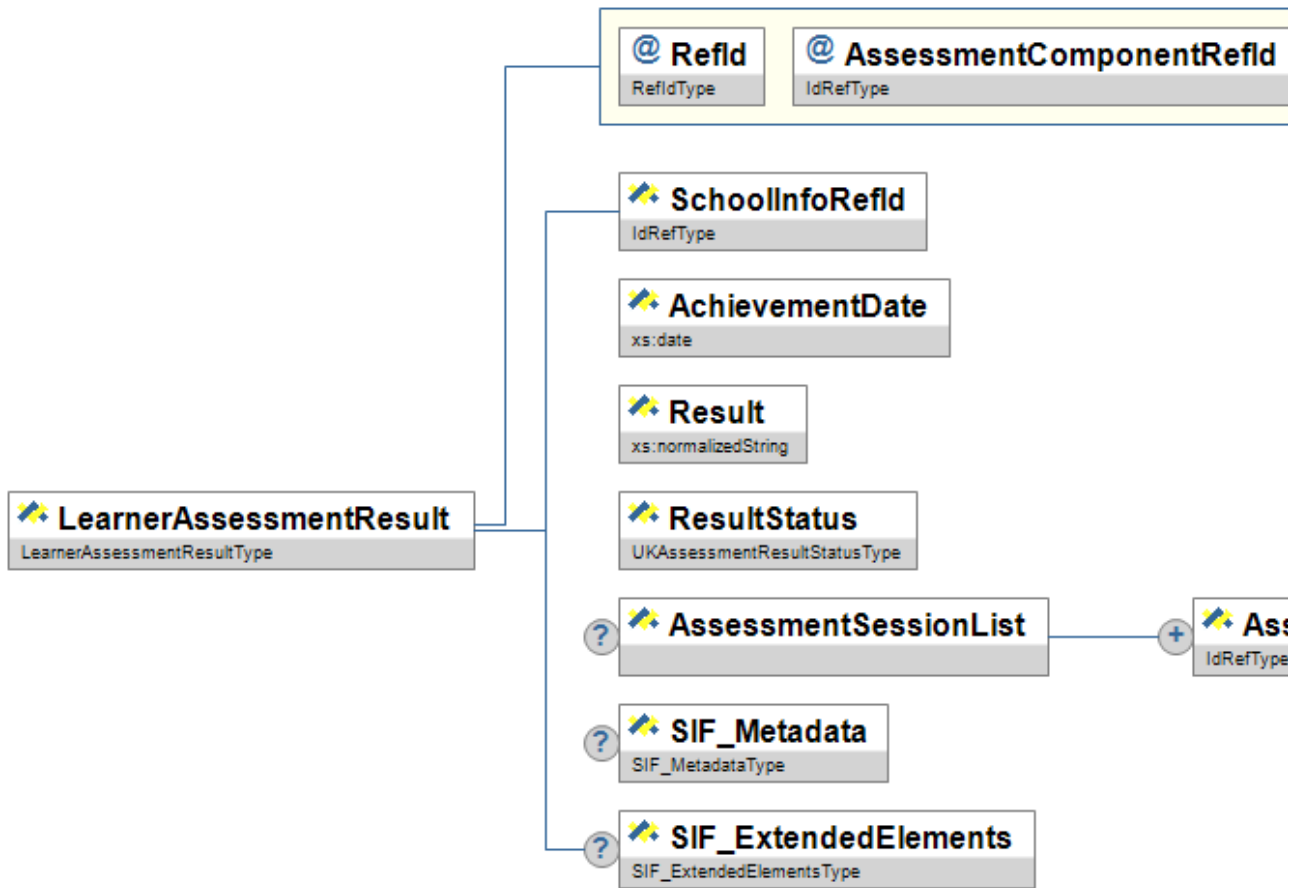


Figure 6.5.12-1: LearnerAssessmentResult

	Element/@Attribute	Char	Description	Type
	<b>LearnerAssessmentResult</b>		A single result for a learner.	
	@ RefId 🔑	M	The ID (GUID) of this result.	RefIdType
	@ AssessmentComponentRefId	M	The assessment component that the result is for.	IdRefType
	@ LearnerPersonalRefId	M	The ID (GUID) of the learner achieving the results.	IdRefType
	SchoolInfoRefId	M	The school at which the assessment was taken.	IdRefType

Element/@Attribute	Char	Description	Type
AchievementDate	M	The date the results were achieved.	xs:date
Result	M	A grade title, a comment, or a mark (dependent on ComponentType of associated aspect). Marks and grades should be valid in the grade set or mark set on the date the assessment was achieved.	xs:normalizedString
ResultStatus	M	Indicates whether the result is estimated, an interim result, provisional, actual result or a target.	UKAssessmentResultStatusType
AssessmentSessionList	O	The sessions which led to the result generation.	List
AssessmentSessionList/AssessmentSessionRefId	MR	The ID (GUID) that uniquely identifies the session associated with the result.	IdRefType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O	Use extended elements to define additional information to be preserved with this result data including any learner demographic data known to be valid at the time of assessment and not otherwise specified.	SIF_ExtendedElements

Table 6.5.12-1: LearnerAssessmentResult

```
<LearnerAssessmentResult RefId="A2117D9192AE98AE59C326B873841743" AssessmentComponentRefId="7192AE98384139051CC75"
  <SchoolInfoRefId>845628E00D2E7129487A7AC32598F106</SchoolInfoRefId>
  <AchievementDate>2007-03-04</AchievementDate>
  <Result>11</Result>
  <ResultStatus>R</ResultStatus>
</LearnerAssessmentResult>
```

Example 6.5.12-1: LearnerAssessmentResult

## 6.5.13 LearnerAttendance

This object provides attendance information for a particular learner in a particular school for a particular period of time. The time can be specified as before, during, or after school and may be for any period of time, including lessons.

**SIF\_Events are reported for this object.**

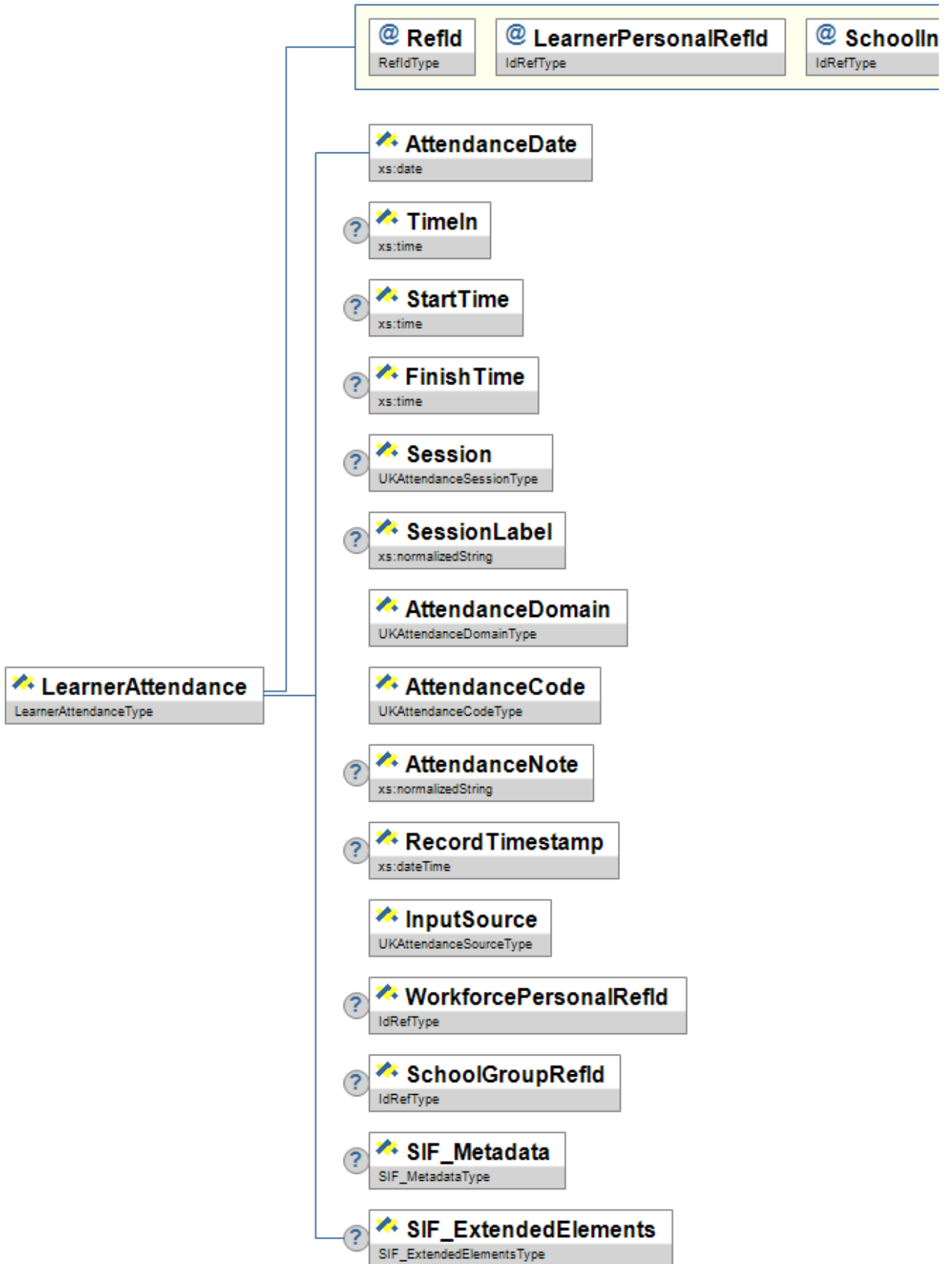



Figure 6.5.13-1: LearnerAttendance

Element/@Attribute	Char	Description	Type
<b>LearnerAttendance</b>		This object provides attendance information for a particular learner in a particular school for a particular period of time. The time can be specified as before, during, or after school and may be for any period of time, including lessons.	
@ RefId 	M	The ID (GUID) assigned to uniquely identify this attendance record.	RefIdType
@ LearnerPersonalRefId	M	The ID (GUID) of the learner for which this attendance mark is recorded.	IdRefType
@ SchoolInfoRefId	M	The school where the attendance mark was taken.	IdRefType
AttendanceDate	M	The date of the attendance period.	xs:date
TimeIn	O	The time when the learner began the attendance period.	xs:time
StartTime	C	The time the attendance period started. StartTime is required when this object represents a lesson	xs:time
FinishTime	O	The time the attendance period finished.	xs:time
Session	C	The session within which this attendance mark applies (e.g. AM/PM). Session is required when StartTime is not specified and the object refers to a session attendance mark (i.e. AttendanceDomain is session).	UKAttendanceSessionType
SessionLabel	O	A label associated with the session to further describe the session, when applicable.	xs:normalizedString
AttendanceDomain	M	The attendance type.	UKAttendanceDomainType

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Table 6.5.13-1: LearnerAttendance

```
<LearnerAttendance RefId="749382AD4800123C9ED02054FB7842B7" LearnerPersonalRefId="98120AB87459381AB064829763D0934"
  <AttendanceDate>2008-04-15</AttendanceDate>
  <TimeIn>08:03:44</TimeIn>
  <StartTime>08:00:00</StartTime>
  <FinishTime>08:40:00</FinishTime>
  <Session>AM</Session>
  <SessionLabel>AM Session</SessionLabel>
  <AttendanceDomain>Both</AttendanceDomain>
  <AttendanceCode></AttendanceCode>
  <RecordTimestamp>2008-04-16T10:45:21Z</RecordTimestamp>
  <InputSource>WF</InputSource>
  <WorkforcePersonalRefId>6589320A7DE45610487389EE348A2341</WorkforcePersonalRefId>
  <SchoolGroupRefId>94278329AE45903845F109E45934BA17</SchoolGroupRefId>
</LearnerAttendance>
```

Example 6.5.13-1: LearnerAttendance

## 6.5.14 LearnerAttendanceSummary

This object provides a summary of a learner's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be multiple instances of this object for a learner in a school over the course of an academic school year. Note that sessions are defined by each school and in most cases is two but can be any number in the range 1-10. Compare with US/Canada object: StudentAttendanceSummary.

**SIF\_Events** are reported for this object.

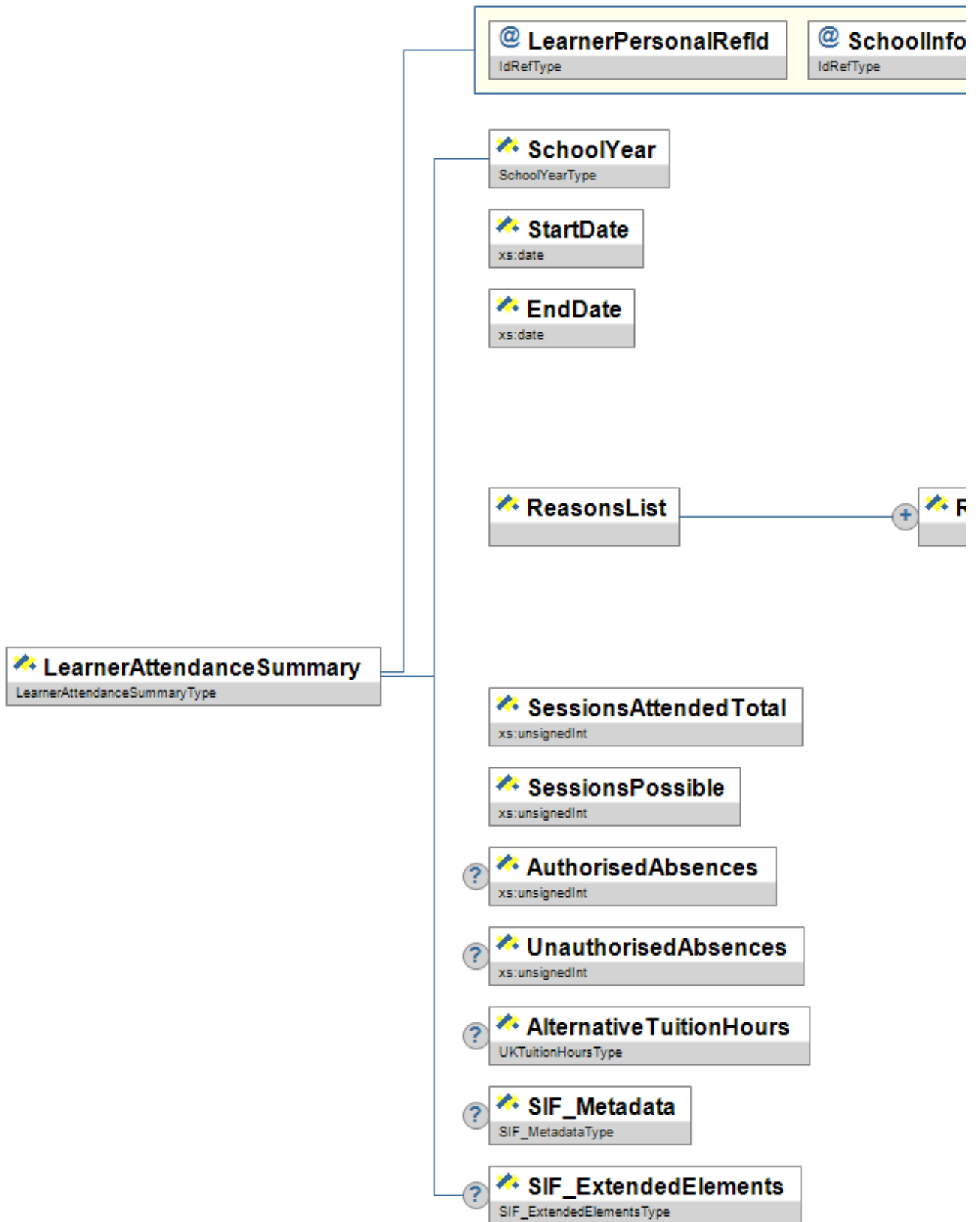


Figure 6.5.14-1: LearnerAttendanceSummary

	Element/@Attribute	Char	Description	Type
	LearnerAttendanceSummary		This object provides a summary of a learner's daily attendance and membership information for a given school during the time period between the StartDate and EndDate, inclusive. As such, there may be	



	Element/@Attribute	Char	Description	Type
			multiple instances of this object for a learner in a school over the course of an academic school year. Note that sessions are defined by each school and in most cases is two but can be any number in the range 1-10. Compare with US/Canada object: <code>StudentAttendanceSummary</code> .	
@ 🔑	LearnerPersonalRefId	M	The ID (GUID) of the learner for whom this attendance information is being reported.	IdRefType
@ 🔑	SchoolInfoRefId	M	The ID (GUID) of the school for which this attendance information is being reported.	IdRefType
🔑	SchoolYear	M	School year for which this information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year).	SchoolYear
🔑	StartDate	M	Starting date of this attendance reporting period.	xs:date
🔑	EndDate	M	Ending date of this attendance reporting period.	xs:date
	ReasonsList	M	An enumeration of sessions by reason code within the reporting period.	List
	ReasonsList/Reason	MR	Learner attendance marks by code and number.	
	ReasonsList/Reason/Code	M	The attendance code.	UKAttendanceCodeType
	ReasonsList/Reason/Type	M	The attendance code type.	<b>values:</b>  Absent EarlyDeparture Late Partial Present Other NA
	ReasonsList/Reason/Status	M	The authorised status of the attendance code.	<b>values:</b>  Authorised Unauthorised Unknown NA
	ReasonsList/Reason/Total	M	The total number of sessions attributed to this reason between StartDate and EndDate for the specified reason.	xs:unsignedInt
	SessionsAttendedTotal	M	The number of sessions the learner attended school when school was in session between the StartDate and EndDate, inclusive.	xs:unsignedInt
	SessionsPossible	M	The number of sessions the learner was present plus the number of sessions the learner was absent (authorised and unauthorised) when school was in session during the period between the StartDate and EndDate, inclusive.	xs:unsignedInt
	AuthorisedAbsences	O	The number of sessions the learner was absent from school with a valid excuse when school was in session between the StartDate and EndDate, inclusive. Note that ts column can be derived from Reason Status.	xs:unsignedInt
	UnauthorisedAbsences	O	The number of sessions the learner was absent from school without a valid excuse when school was in session between the StartDate and EndDate, inclusive. Note that this column can be derived from Reason Status.	xs:unsignedInt

Element/@Attribute	Char	Description	Type
AlternativeTuitionHours	O	Number of Alternative Tuition (whole) hours attended between the StartDate and EndDate, inclusive.	UKTuitionHoursType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.14-1: LearnerAttendanceSummary

```

<LearnerAttendanceSummary LearnerPersonalRefId="FD5976C1E29B11DBBB7C000F1F655C13" SchoolInfoRefId="43B3A82FDC8D11
<SchoolYear>2007</SchoolYear>
<StartDate>2006-10-01</StartDate>
<EndDate>2007-10-01</EndDate>
<ReasonsList>
  <Reason>
    <Code>J</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>1</Total>
  </Reason>
  <Reason>
    <Code>W</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>3</Total>
  </Reason>
  <Reason>
    <Code>H</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>14</Total>
  </Reason>
  <Reason>
    <Code>I</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>349</Total>
  </Reason>
  <Reason>
    <Code>G</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>16</Total>
  </Reason>
  <Reason>
    <Code>L</Code>
    <Type>Late</Type>
    <Status>Authorised</Status>
    <Total>58</Total>
  </Reason>
  <Reason>
    <Code>D</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>4187</Total>
  </Reason>
  <Reason>
    <Code>C</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>573</Total>
  </Reason>
  <Reason>
    <Code>V</Code>
    <Type>Absent</Type>
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    <Total>20</Total>
  </Reason>
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    <Code>U</Code>
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    <Code>N</Code>
    <Type>Absent</Type>
    <Status>Unauthorised</Status>
    <Total>18</Total>
  </Reason>
  <Reason>
    <Code>B</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>87</Total>
  </Reason>
  <Reason>
    <Code>M</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>115</Total>
  </Reason>
  <Reason>
    <Code>O</Code>
    <Type>Absent</Type>
    <Status>Authorised</Status>
    <Total>462</Total>
  </Reason>
</ReasonsList>
<SessionsAttendedTotal>157</SessionsAttendedTotal>
<SessionsPossible>238</SessionsPossible>
<AuthorisedAbsences>73</AuthorisedAbsences>
<UnauthorisedAbsences>8</UnauthorisedAbsences>
</LearnerAttendanceSummary>

```

## **6.5.15 LearnerContact**

This object contains information related to a contact person for a learner. Compare with US/Canada object: `StudentContact`.

**SIF\_Events are reported for this object.**

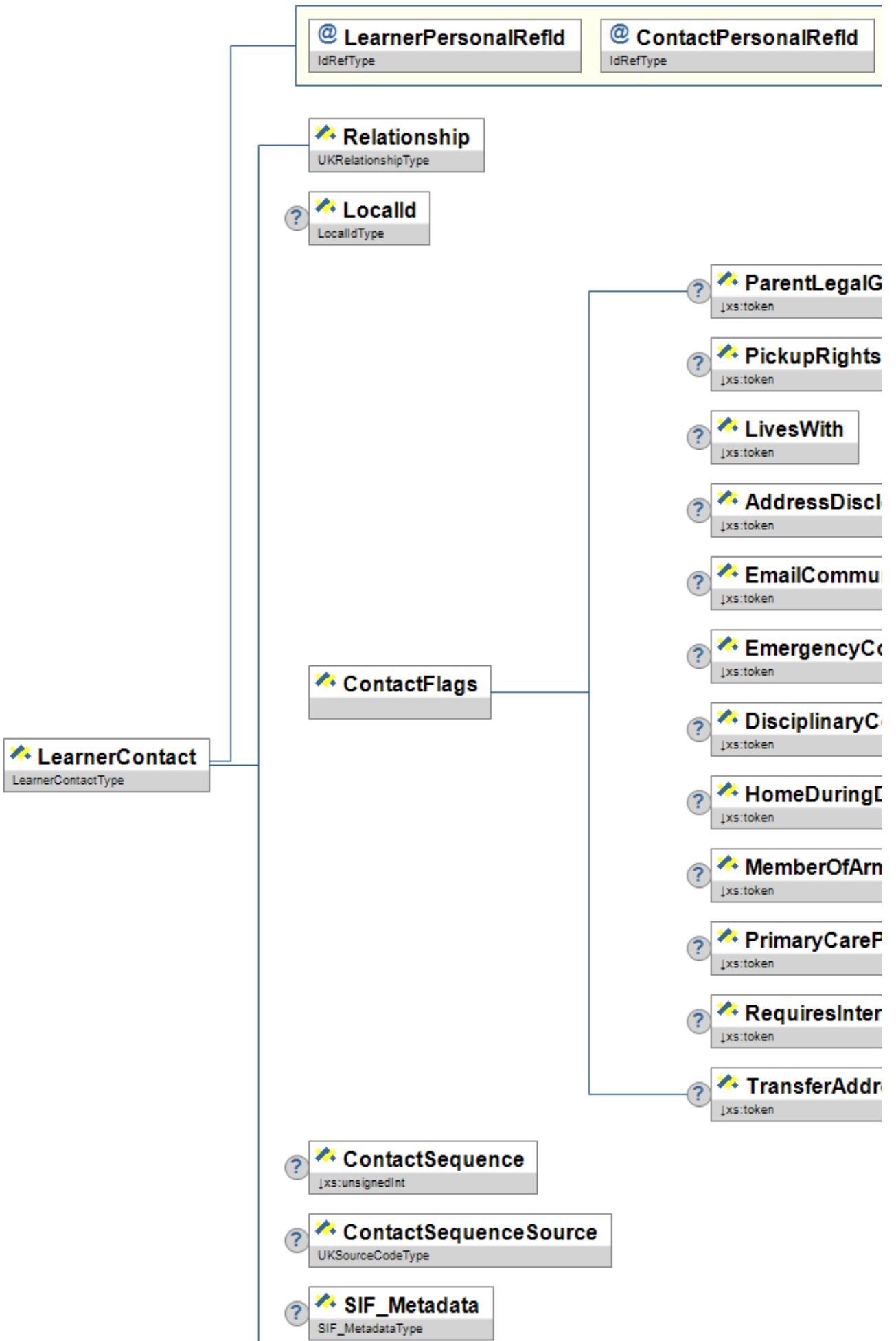


Figure 6.5.15-1: LearnerContact

	Element/@Attribute	Char	Description	Type
	<b>LearnerContact</b>		This object contains information related to a contact person for a learner. Compare with US/Canada object: <i>StudentContact</i> .	
@ 🔑	LearnerPersonalRefId	M	The ID (GUID) of the learner whose contact this is.	IdRefType
@ 🔑	ContactPersonalRefId	M	The ID (GUID) of this contact.	IdRefType
	Relationship	M	Defines the relationship of the contact to the learner.	UKRelationshipType
	LocalId	O	The locally-assigned identifier for this contact.	LocalId
	ContactFlags	M	Contains Yes/No characteristics of the contact person's role. Provide a Yes value for all that apply. Otherwise No is assumed. At least one of the child elements of ContactFlags must have a Yes value.	
	ContactFlags/ParentLegalGuardian	C	Does the individual have parental or legal guardianship responsibility for the learner?	<b>values:</b> Yes No
	ContactFlags/PickupRights	C	Does the contact have pickup rights?	<b>values:</b> Yes No
	ContactFlags/LivesWith	C	Does the learner live with this contact?	<b>values:</b> Yes No
	ContactFlags/AddressDisclosure	C	Can address information be disclosed?	<b>values:</b> Yes No
	ContactFlags/EmailCommunication	C	Does the contact prefer written communication via email? Otherwise, postal mail will be used.	<b>values:</b> Yes No
	ContactFlags/EmergencyContact	C	Should this contact be notified in case of emergency?	<b>values:</b> Yes No
	ContactFlags/DisciplinaryContact	C	Is this person to be contacted in case of disciplinary action?	<b>values:</b> Yes No
	ContactFlags/HomeDuringDay	C	Is the contact at home during normal daytime hours?	<b>values:</b> Yes No
	ContactFlags/MemberOfArmedForces	C	Is this person a member of the armed forces?	<b>values:</b> Yes No
	ContactFlags/PrimaryCareProvider	C	Does this person provide daily living or personal assistance to the learner?	<b>values:</b> Yes No
	ContactFlags/RequiresInterpreter	C	Does the contact need a translator or interpreter?	<b>values:</b> Yes No

Element/@Attribute	Char	Description	Type				
ContactFlags/TransferAddress	C	Should this contact be transferred with the Learner if and when the Learner moves?	<b>values:</b> Yes No				
ContactSequence	O	Number (1-10) indicating the order in which the person should be contacted. Note that 2 or more contacts may have the same value.	xs:unsignedInt <table border="1"> <tr> <td>xs:minInclusive</td> <td>1</td> </tr> <tr> <td>xs:maxInclusive</td> <td>10</td> </tr> </table>	xs:minInclusive	1	xs:maxInclusive	10
xs:minInclusive	1						
xs:maxInclusive	10						
ContactSequenceSource	O	Indicates the person who provided the contact sequence order.	UKSourceCodeType				
SIF_Metadata	O		SIF_Metadata				
SIF_ExtendedElements	O		SIF_ExtendedElements				

Table 6.5.15-1: LearnerContact

```

<LearnerContact LearnerPersonalRefId="20C10263ECC511DB91D00002B3E94955" ContactPersonalRefId="DF1D7BA3ECC411DB91D
<Relationship>RELA</Relationship>
<LocalId>01216</LocalId>
<ContactFlags>
  <ParentLegalGuardian>No</ParentLegalGuardian>
  <PickupRights>Yes</PickupRights>
  <LivesWith>No</LivesWith>
  <AddressDisclosure>Yes</AddressDisclosure>
  <EmailCommunication>No</EmailCommunication>
  <EmergencyContact>Yes</EmergencyContact>
  <DisciplinaryContact>No</DisciplinaryContact>
  <HomeDuringDay>No</HomeDuringDay>
  <MemberOfArmedForces>No</MemberOfArmedForces>
  <PrimaryCareProvider>No</PrimaryCareProvider>
  <RequiresInterpreter>No</RequiresInterpreter>
  <TransferAddress>Yes</TransferAddress>
</ContactFlags>
<ContactSequence>3</ContactSequence>
<ContactSequenceSource>P</ContactSequenceSource>
</LearnerContact>

```

Example 6.5.15-1: LearnerContact

## 6.5.16 LearnerExclusion

This object contains information related to a learner being excluded from one or more sessions of school.

**SIF\_Events** are reported for this object.

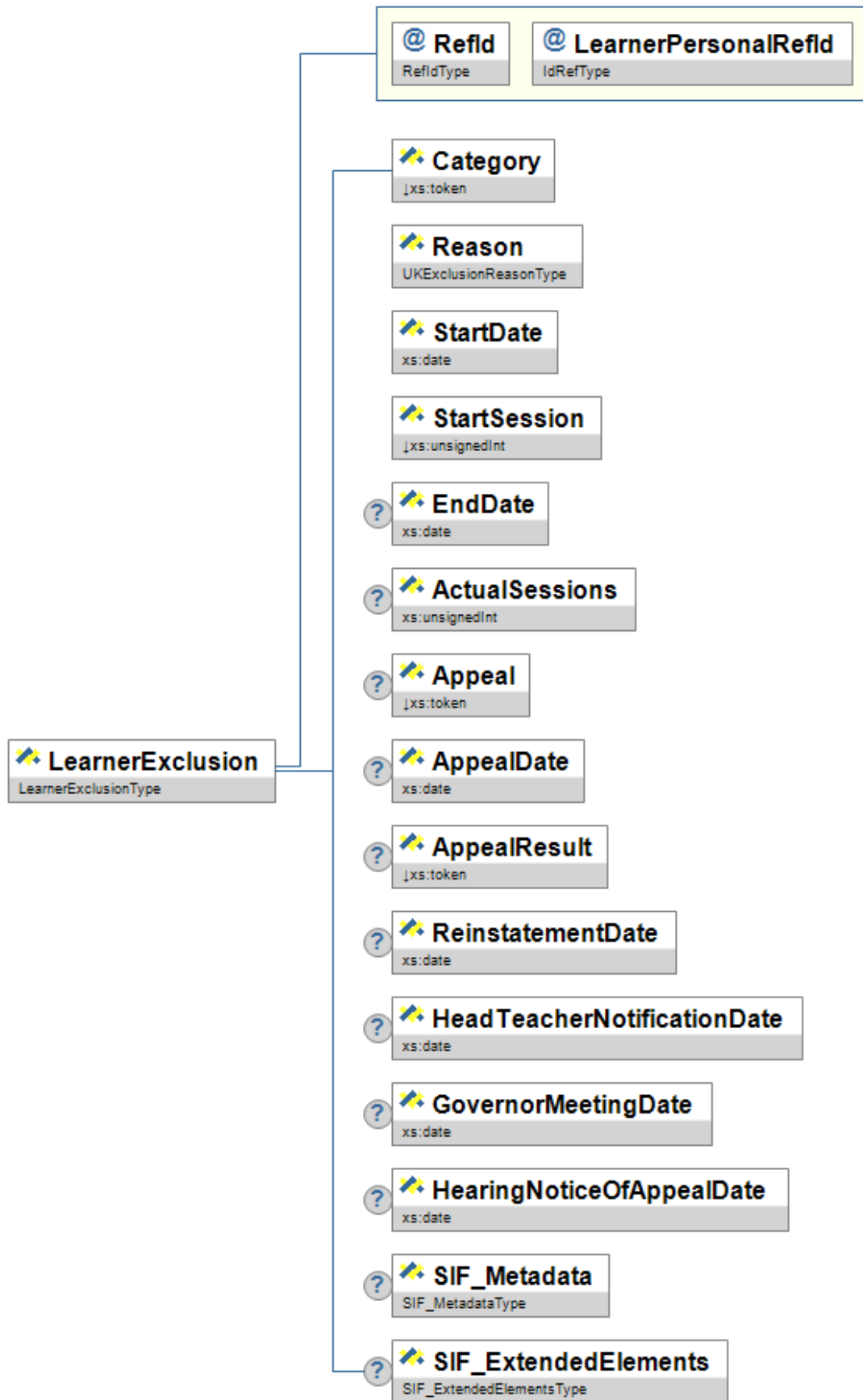



Figure 6.5.16-1: LearnerExclusion



Element/@Attribute	Char	Description	Type				
<b>LearnerExclusion</b>		This object contains information related to a learner being excluded from one or more sessions of school.					
@ RefId 	M	The ID (GUID) of this exclusion.	RefIdType				
@ LearnerPersonalRefId	M	The ID (GUID) of the excluded learner.	IdRefType				
Category	M	Exclusion category.	<b>values:</b>  FIXD Fixed PERM Permanent LNCH Lunchtime				
Reason	M	Reason for exclusion.	UKExclusionReasonType				
StartDate	M	Date exclusion takes effect irrespective of any review or appeal. Normally this will not be the same as Date of Leaving (exitDate) and it should be noted that the learner will remain on the schools's roll for a period after this start date.	xs:date				
StartSession	M	Session to begin exclusion, starting with 1 for the first session of the day. In most cases there are two sessions per day but this is not always the case. Validation: Number between 1 and 10.	xs:unsignedInt <table border="1" data-bbox="1235 848 1422 915"><tr><td>xs:minInclusive</td><td>1</td></tr><tr><td>xs:maxInclusive</td><td>10</td></tr></table>	xs:minInclusive	1	xs:maxInclusive	10
xs:minInclusive	1						
xs:maxInclusive	10						
EndDate	O	Date exclusion concludes.	xs:date				
ActualSessions	O	Total number of sessions for which the exclusion is in effect. For lunchtime exclusions, each lunchtime for which the exclusion applies is one session. For fixed term and permanent exclusions, this is one session during the school day. For exclusions that are followed by reinstatement the actual, not the planned number of sessions should be recorded. (Exclusion sessions are used only to calculate the total allowable in a term or academic year and are not the same as an attendance session.)	xs:unsignedInt				
Appeal	O	Is there an appeal against permanent exclusion?	<b>values:</b>  Yes No				
AppealDate	O	Date for appeal against permanent exclusion.	xs:date				
AppealResult	O	The result of the appeal against permanent exclusion.	<b>values:</b>  R Reinstatement E Exclusion stands O Reinstatement would be appropriate but not in best interest of learner given other circumstances				
ReinstatementDate	O	Date learner was reinstated, if appropriate.	xs:date				
HeadTeacherNotificationDate	O	Date head teacher notified parents, school LA, and home LA (if different) of exclusion.	xs:date				

Element/@Attribute	Char	Description	Type
--------------------	------	-------------	------

Table 6.5.16-1: LearnerExclusion

```
<LearnerExclusion RefId="BBA61B08DC7D11DB9C010016353E6F4C" LearnerPersonalRefId="2EEC6C90DC7E11DB9C010016353E6F4C"
  <Category>FIXD</Category>
  <Reason>OT</Reason>
  <StartDate>2006-10-10</StartDate>
  <StartSession>1</StartSession>
  <EndDate>2006-10-14</EndDate>
  <ActualSessions>10</ActualSessions>
  <Appeal>Yes</Appeal>
  <AppealDate>2006-10-11</AppealDate>
  <AppealResult>E</AppealResult>
  <ReinstatementDate>2006-10-17</ReinstatementDate>
  <HeadTeacherNotificationDate>2006-10-10</HeadTeacherNotificationDate>
  <GovernorMeetingDate>2006-10-12</GovernorMeetingDate>
  <HearingNoticeOfAppealDate>2006-10-12</HearingNoticeOfAppealDate>
</LearnerExclusion>
```

Example 6.5.16-1: LearnerExclusion

## 6.5.17 LearnerGroupEnrolment

This object contains information about a learner's enrolment in a course (teaching group) or other (class, homeroom or registration) group. Compare with US/Canada object: `StudentSectionEnrollment`.

**SIF\_Events** are reported for this object.

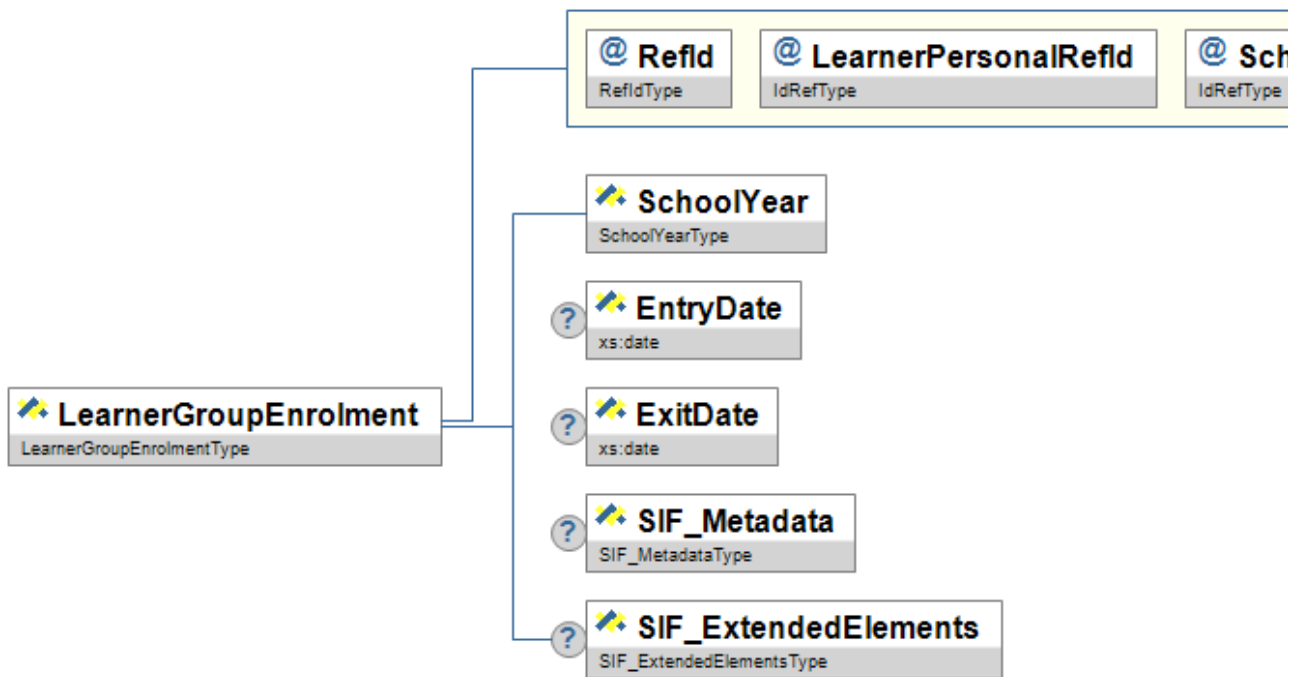


Figure 6.5.17-1: LearnerGroupEnrolment

Element/@Attribute	Char	Description	Type
<b>LearnerGroupEnrolment</b>		This object contains information about a learner's enrolment in a course (teaching group) or other (class, homeroom or registration) group. Compare with US/Canada object: <code>StudentSectionEnrollment</code> .	
@ RefId Key	M	The ID (GUID) that uniquely identifies this LearnerGroupEnrolment entity.	RefIdType

	Element/@Attribute	Char	Description	Type
@	LearnerPersonalRefId	M	The ID (GUID) of the learner to whom the enrolment information applies.	IdRefType
@	SchoolGroupRefId	M	The ID (GUID) of the group in which this learner is enrolled.	IdRefType
	SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year). Where a group membership is valid across multiple years, the current year at the time of publication will be used.	SchoolYear
	EntryDate	O	Date from when this enrolment is valid.	xs:date
	ExitDate	O	Date on which the learner's enrolment ends or has ended.	xs:date
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.17-1: LearnerGroupEnrolment

```
<LearnerGroupEnrolment RefId="E5571408DC7D11DB9C01001635359C02" LearnerPersonalRefId="9B554C90DC7E11DB9C010016353
<SchoolYear>2007</SchoolYear>
<EntryDate>2006-09-05</EntryDate>
<ExitDate>2007-06-28</ExitDate>
</LearnerGroupEnrolment>
```

Example 6.5.17-1: LearnerGroupEnrolment

## 6.5.18 LearnerPersonal

This object contains personal information related to a learner. As most learners are enrolled in the school or establishment publishing this object, basic enrolment information is also provided to aid in overall SIF performance.

Compare with US/Canada object: `StudentPersonal`.

**SIF\_Events** are reported for this object.

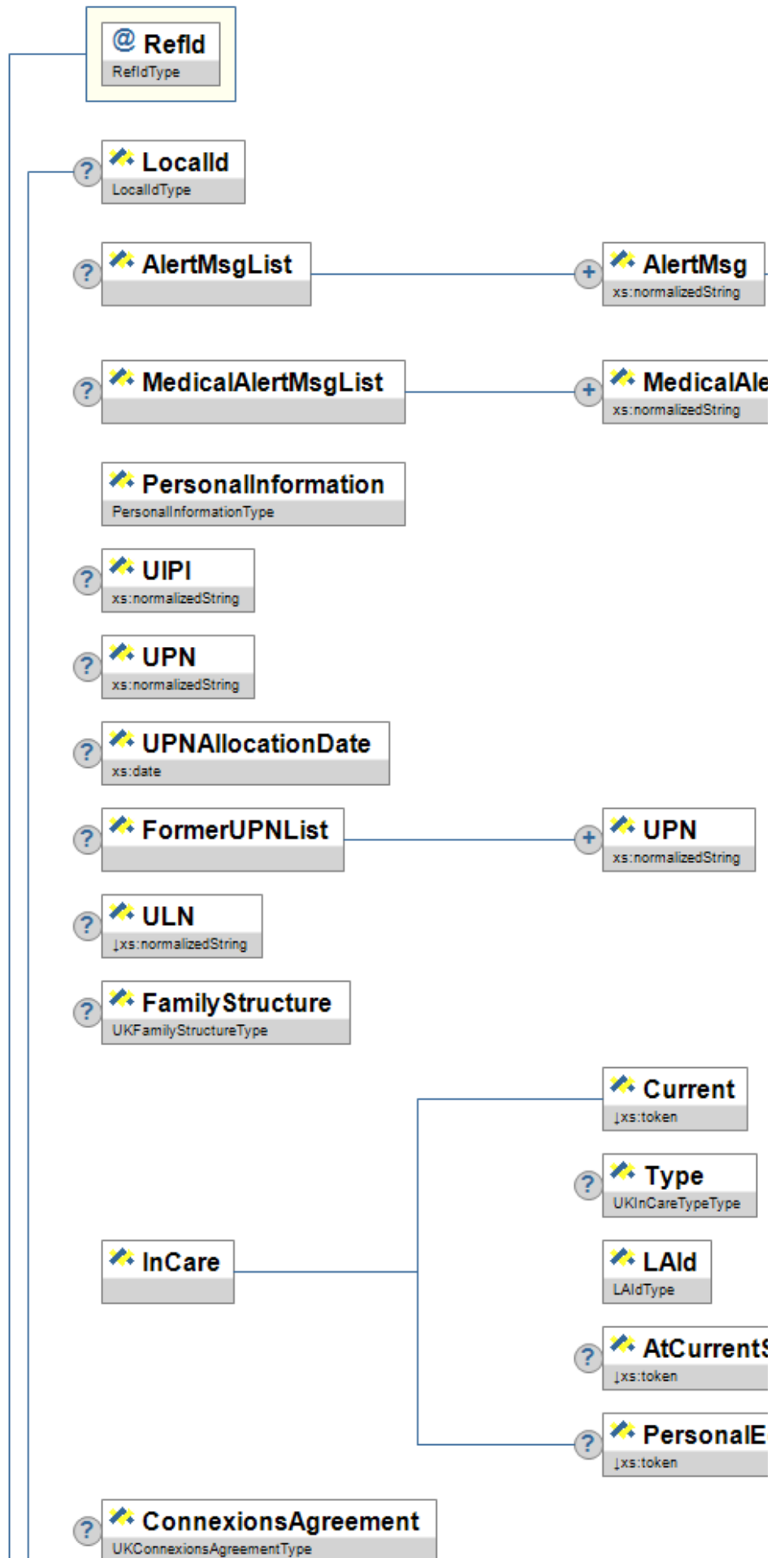



Figure 6.5.18-1: LearnerPersonal

	Element/@Attribute	Char	Description	Type
	<b>LearnerPersonal</b>		<p>This object contains personal information related to a learner. As most learners are enrolled in the school or establishment publishing this object, basic enrolment information is also provided to aid in overall SIF performance.</p> <p>Compare with US/Canada object: <code>StudentPersonal</code>.</p>	
	@ RefId 	M	The ID (GUID) of the learner. Note that this GUID may be the same one assigned to this person when this person is either a contact ( <code>ContactPersonal</code> ) or a member of the workforce ( <code>WorkforcePersonal</code> ).	<code>RefIdType</code>
	LocalId	O	The locally-assigned identifier for this learner. This can be the internal pupil number or any other number as determined by the publishing agent.	<code>LocalId</code>
	AlertMsgList	O		<code>List</code>
	AlertMsgList/AlertMsg	MR	This is an alert message that is associated with the person.	<code>xs:normalizedString</code>
	@ Type	M	This attribute specifies what type of alert message this is.	<p><b>values:</b></p> <p><code>Legal</code> <code>Discipline</code> <code>Educational</code> <code>Other</code></p>
	MedicalAlertMsgList	O		<code>List</code>
	MedicalAlertMsgList/MedicalAlertMsg	MR	Medical alert associated with the person.	<code>xs:normalizedString</code>
	@ Severity	M	The level of severity of this medical alert.	<p><b>values:</b></p> <p><code>Low</code> <code>Moderate</code> <code>High</code> <code>Severe</code> <code>Unknown</code></p>
	PersonalInformation	M	Personal name, demographic, address, email, and phone information for this learner.	<code>PersonalInformation</code>
	UIPI	O	Unique Internal Pupil Number.	<code>xs:normalizedString</code>
	UPN	O	Unique Pupil Number (UPN) allocated to each learner in maintained schools in England and Wales. It is an identifier for use in the educational context during a child's school career only and subject to Data Protection restrictions.	<code>xs:normalizedString</code>
	UPNAllocationDate	O	Date UPN was allocated by the LA.	<code>xs:date</code>

Element/@Attribute	Char	Description	Type
FormerUPNList	O	A list of former UPN's assigned to the learner, since it is possible that a learner could have more than one assigned.	List
FormerUPNList/UPN	MR	A former UPN assigned to the pupil whilst at a school (eg temporary UPN was allocated when the pupil was first admitted to the school but subsequently replaced by the permanent UPN being retrieved from a previous school).	xs:normalizedString
ULN	O	Unique Learner Number (ULN), a 10-digit number where zero is not allowed as the leading digit.	xs:normalizedString xs:pattern [1-9][0-9]{9}
FamilyStructure	O	Indicates type of family structure learner is living in.	UKFamilyStructureType
InCare	M	Information relating to whether the learner is "looked after" as defined by the Children Act 1989, which refers to children who are subject to care orders and those who are accommodated.	
InCare/Current	M	Indicates if the learner is "looked after" currently.	<b>values:</b> Yes No Unknown
InCare/Type	O	Type of care the learner is in (eg fostering, children's home).	UKInCareTypeType
InCare/LAId	M	The 'originating' authority where the learner was originally placed in public care and which looks after the child for the purposes of the Children Act 1989.	LAId
InCare/AtCurrentSchool	O	Indicates if the learner has ever been in care while at this school.	<b>values:</b> Yes No
InCare/PersonalEducationPlan	O	Indicates if the learner in care has a personal education plan.	<b>values:</b> Yes No
ConnexionsAgreement	O	Indicates if parents have consented to allow learner data to be shared with Connexions (Middle, Secondary and Special Schools only).	UKConnexionsAgreementType
ChildProtectionRegister	O	Information relating to the Child Protection Register as it pertains to this learner.	
ChildProtectionRegister/IsRegistered	M	Indicates if the learner has been registered on the Child Protection Register.	<b>values:</b> Yes No Unknown
ChildProtectionRegister/LAId	O	The LA in which the learner was registered for protection.	LAId

	<b>Element/@Attribute</b>	<b>Char</b>	<b>Description</b>	<b>Type</b>
	ChildProtectionRegister/SiblingRegistered	O	Indicates if the learner has a sibling that is also on the Child Protection Register.	<b>values:</b> Yes No
	GiftedTalented	O	Learner qualifies for Gifted/Talented status.	<b>values:</b> Yes No
	HomeLA	O	The LA in which the learner lives but not necessarily the one in which they attend school.	LAId
	LearnerIdentity	O	Classification of national identity. (Wales)	UKLearnerIdentityType
	ModeOfTravel	O	The usual mode of travel normally used by the learner for the greater part (in distance) of the journey to and from school.	UKUsualModeOfTravelType
	Pregnant	O	Learner is pregnant.	<b>values:</b> Yes No
	SiblingList	O	List of siblings also in same school.	List
	SiblingList/Sibling	MR	A sibling of this learner in the same school.	
	SiblingList/Sibling/LearnerPersonalRefId	M	The ID (GUID) of the LearnerPersonal record for this sibling.	IdRefType
	SiblingList/Sibling/UIPI	M	The Unique Internal Pupil Number for a sibling of this learner.	xs:normalizedString
	UniformAllowance	O	Learner is paid a uniform allowance.	<b>values:</b> Yes No
	CurrentSchoolEnrolment	O	This container reflects key enrolment data for the current or current main (home) school or establishment linked to a learner. This element is required except when there is no current enrolment for the learner within the school or establishment. It must also accurately reflect the data in the corresponding LearnerSchoolEnrolment object and generate change events for this object when change events are detected for LearnerSchoolEnrolment.	
@	LearnerSchoolEnrolmentRefId	M	The ID (GUID) of the LearnerSchoolEnrolment record associated with this learner that is also designated as the current or current main enrolment.	IdRefType
	CurrentSchoolEnrolment/LAId	M	The DfES assigned number for the LA in which the learner is currently enrolled with respect to their current or current main (home) school.	LAId

Element/@Attribute	Char	Description	Type
CurrentSchoolEnrolment/EstablishmentId	M	The DfES assigned number for the school or establishment in which the learner is currently enrolled with respect to their current or current main (home) school.	EstablishmentId
CurrentSchoolEnrolment/NCYearGroup	M	The current or most recent National Curriculum Year Group of the learner in the LA.	NCYearGroup
PreviousEstablishmentList	O	A list of known previous schools or establishments.	List
PreviousEstablishmentList/ PreviousEstablishment	OR	A previous school or establishment.	
PreviousEstablishmentList/ PreviousEstablishment/EstablishmentId	O	Establishment Number for this school	EstablishmentId
PreviousEstablishmentList/ PreviousEstablishment/EstablishmentName	O	School's name as indicated on the Annual Schools Census.	xs:normalizedString
PreviousEstablishmentList/ PreviousEstablishment/LAId	O	The 3-digit LA number assigned by DfES.	LAId
PreviousEstablishmentList/ PreviousEstablishment/EntryDate	O	The date the learner entered this school or establishment.	xs:date
PreviousEstablishmentList/ PreviousEstablishment/ExitDate	O	The date the learner exited this school or establishment.	xs:date
PreviousEstablishmentList/ PreviousEstablishment/ExitType	O	Code indicating the type of exit from this school or establishment.	UKLeavingReasonType
PreviousEstablishmentList/ PreviousEstablishment/LastSchool	O	An indication of whether the described school or establishment was the last establishment the learner attended. Note that it is possible that more than one establishment can be marked as LastSchool when a learner is enrolled in more than one school simultaneously.	<b>values:</b>  Yes No
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.18-1: LearnerPersonal



```

<LearnerPersonal RefId="53E6F4C0109FDE4DC7E11DB9C0100163">
  <LocalId>032134</LocalId>
  <PersonalInformation>
    <Name Type="B">
      <FamilyName>Harris</FamilyName>
      <GivenName>Sonya</GivenName>
      <PreferredFamilyName>Harris</PreferredFamilyName>
      <PreferredGivenName>Sonya</PreferredGivenName>
    </Name>
    <Demographics>
      <EthnicityList>
        <Ethnicity>
          <Code>WENG</Code>
          <Source>P</Source>
        </Ethnicity>
      </EthnicityList>
      <Gender>F</Gender>
      <BirthDate>1990-06-23</BirthDate>
      <LanguageList>
        <Language>
          <Code>ENG</Code>
          <TypeList>
            <Type>F</Type>
          </TypeList>
        </Language>
      </LanguageList>
    </Demographics>
    <Email Type="School">sonya.harris@myschool.co.uk</Email>
    <Address Type="Current">
      <PAON>
        <StartNumber>17</StartNumber>
      </PAON>
      <Street>Bushmaster Close</Street>
      <Town>Castle Vale</Town>
      <AdministrativeArea>Birmingham</AdministrativeArea>
      <PostCode>B35 7PH</PostCode>
      <Country>GBR</Country>
    </Address>
  </PersonalInformation>
  <UPN>F330950043367</UPN>
  <UPNAllocationDate>2001-08-27</UPNAllocationDate>
  <FormerUPNList>
    <UPN>C936846321107</UPN>
  </FormerUPNList>
  <ULN>1234567890</ULN>
  <FamilyStructure>A</FamilyStructure>
  <InCare>
    <Current>No</Current>
    <Type>WP</Type>
    <LAId>330</LAId>
    <AtCurrentSchool>Yes</AtCurrentSchool>
    <PersonalEducationPlan>No</PersonalEducationPlan>
  </InCare>
  <ConnexionsAgreement>Yes</ConnexionsAgreement>
  <ChildProtectionRegister>
    <IsRegistered>Yes</IsRegistered>
    <LAId>330</LAId>
    <SiblingRegistered>No</SiblingRegistered>
  </ChildProtectionRegister>
  <GiftedTalented>No</GiftedTalented>
  <HomeLA>330</HomeLA>
  <LearnerIdentity>ENG</LearnerIdentity>
  <Pregnant>No</Pregnant>
  <SiblingList>
    <Sibling>
      <LearnerPersonalRefId>6219B1684CF9B799640234CBB9992134</LearnerPersonalRefId>
      <UIPI>034887</UIPI>
    </Sibling>
  </SiblingList>
  <UniformAllowance>No</UniformAllowance>
  <CurrentSchoolEnrolment LearnerSchoolEnrolmentRefId="010C6038DC7E11DB9C010016353E6F4C">
    <LAId>330</LAId>
    <EstablishmentId>5530</EstablishmentId>
    <NCYearGroup>9</NCYearGroup>
  </CurrentSchoolEnrolment>
  <PreviousEstablishmentList>
    <PreviousEstablishment>
      <EstablishmentId>2117</EstablishmentId>
      <EstablishmentName>Allbury Primary School</EstablishmentName>
      <LAId>936</LAId>
      <EntryDate>1999-08-20</EntryDate>
      <ExitDate>2001-06-14</ExitDate>
      <ExitType>MS</ExitType>
      <LastSchool>Yes</LastSchool>
    </PreviousEstablishment>
  </PreviousEstablishmentList>
</LearnerPersonal>

```

Example 6.5.18-1: LearnerPersonal

## 6.5.19 LearnerSchoolEnrolment

This object defines information related to a learner's enrolment within a particular school or establishment. The current status on an enrolment is based on EntryDate and ExitDate. Future enrolments are supported where EntryDate is in the future. ExitDate may also be specified as a future occurrence.

The publisher of this object must respond to all queries given EntryDate and ExitDate, when specified.

Compare with US/Canada object: `StudentSchoolEnrollment`.

**SIF\_Events are reported for this object.**

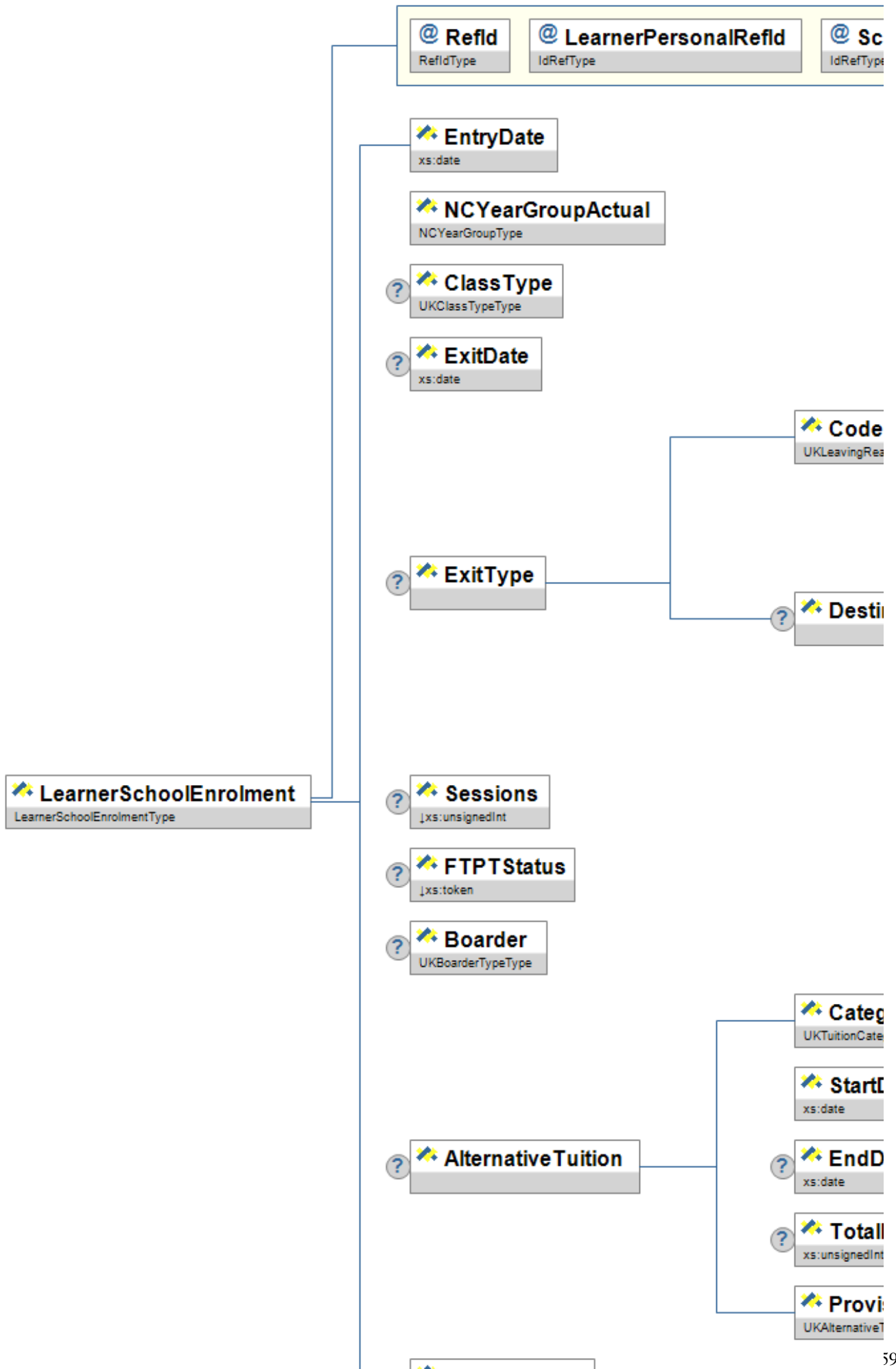



Figure 6.5.19-1: LearnerSchoolEnrolment

	Element/@Attribute	Char	Description	Type
	<b>LearnerSchoolEnrolment</b>		<p>This object defines information related to a learner's enrolment within a particular school or establishment. The current status on an enrolment is based on EntryDate and ExitDate. Future enrolments are supported where EntryDate is in the future. ExitDate may also be specified as a future occurrence.</p> <p>The publisher of this object must respond to all queries given EntryDate and ExitDate, when specified.</p> <p>Compare with US/Canada object: StudentSchoolEnrollment.</p>	
	@ RefId 	M	The ID (GUID) that uniquely identifies a particular enrolment.	RefIdType
	@ LearnerPersonalRefId	M	The ID (GUID) of the learner to whom this information is linked.	IdRefType
	@ SchoolInfoRefId	M	The ID (GUID) of the school to which this enrolment applies.	IdRefType
	@ MembershipType	M	The type of this enrolment as it relates to the school identified by SchoolInfoRefId.	UKLearnerEnrolmentStatusType
	EntryDate	M	The date from when this enrolment is valid.	xs:date
	NCYearGroupActual	M	The year group in which the learner is taught for the majority of their time, regardless of their chronological age.	NCYearGroup
	ClassType	O	Indicates if the learner is in a nursery class. Must be set to 'O' if age on August 31 is >= 6.	UKClassTypeType
	ExitDate	C	The ending date of this enrolment. If the learner has exited before the end of the school year, ExitDate must have a value.	xs:date
	ExitType	O		
	ExitType/Code	M	Code indicating the type of exit for this enrolment.	UKLeavingReasonType
	ExitType/Destination	O	Describes the destination of this learner upon exit.	

Element/@Attribute	Char	Description	Type
ExitType/Destination/Code	M	Code indicating the destination type.	UKLeavingDestinationType
ExitType/Destination/LAId	O	The LA number for destination school or college.	LAId
ExitType/Destination/EstablishmentId	O	The DfES number for destination school or college.	EstablishmentId
ExitType/Destination/Name	O	Name of institution/employer of learner's destination.	xs:normalizedString
Sessions	O	Number of learner sessions (half days) per week. A maximum of 10 is possible per week.	xs:unsignedInt xs:maxInclusive 10
FTPTStatus	O	An indication of whether the learner is enrolled only part time.	values: Yes No
Boarder	O	Indicates whether the learner is a boarder at the school or not.	UKBoarderTypeType
AlternativeTuition	O	Describes any alternative tuition received by the learner.	
AlternativeTuition/Category	M	Reason for alternative tuition.	UKTuitionCategoryType
AlternativeTuition/StartDate	M	Beginning date for alternative tuition.	xs:date
AlternativeTuition/EndDate	O	End date for alternative tuition.	xs:date
AlternativeTuition/TotalHours	O	The total number of hours provided for with the tuition.	xs:unsignedInt
AlternativeTuition/ProvisionType	M	Alternative tuition provision type.	UKAlternativeTuitionProvisionTypeType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.19-1: LearnerSchoolEnrolment

```

<LearnerSchoolEnrolment RefId="2545531BECC511DB91D00002B3E94955" LearnerPersonalRefId="2542F0C3ECC511DB91D00002B3
<EntryDate>2005-09-07</EntryDate>
<NYearGroupActual>1</NYearGroupActual>
<ClassType>0</ClassType>
<ExitDate>2006-02-14</ExitDate>
<ExitType>
  <Code>ST</Code>
  <Destination>
    <Code>MP</Code>
    <LAId>330</LAId>
    <EstablishmentId>2810</EstablishmentId>
    <Name>Thomas Holmes Primary School</Name>
  </Destination>
</ExitType>
<Sessions>10</Sessions>
<FTPTStatus>No</FTPTStatus>
<Boarder>B</Boarder>
<AlternativeTuition>
  <Category>IL</Category>
  <StartDate>2005-09-07</StartDate>
  <EndDate>2006-02-14</EndDate>
  <TotalHours>103</TotalHours>
  <ProvisionType>HSP</ProvisionType>
</AlternativeTuition>
</LearnerSchoolEnrolment>

```

Example 6.5.19-1: LearnerSchoolEnrolment

## **6.5.20 LearnerSpecialNeeds**

This object contains information regarding a special education need (SEN) for a learner when provisioned within a school or establishment. A new object exists for each provision. The current status of any provision can be determined by querying StartDate and EndDate. Both dates are allowed to be in the future. The publisher of this object must support queries on these dates.

**SIF\_Events are reported for this object.**

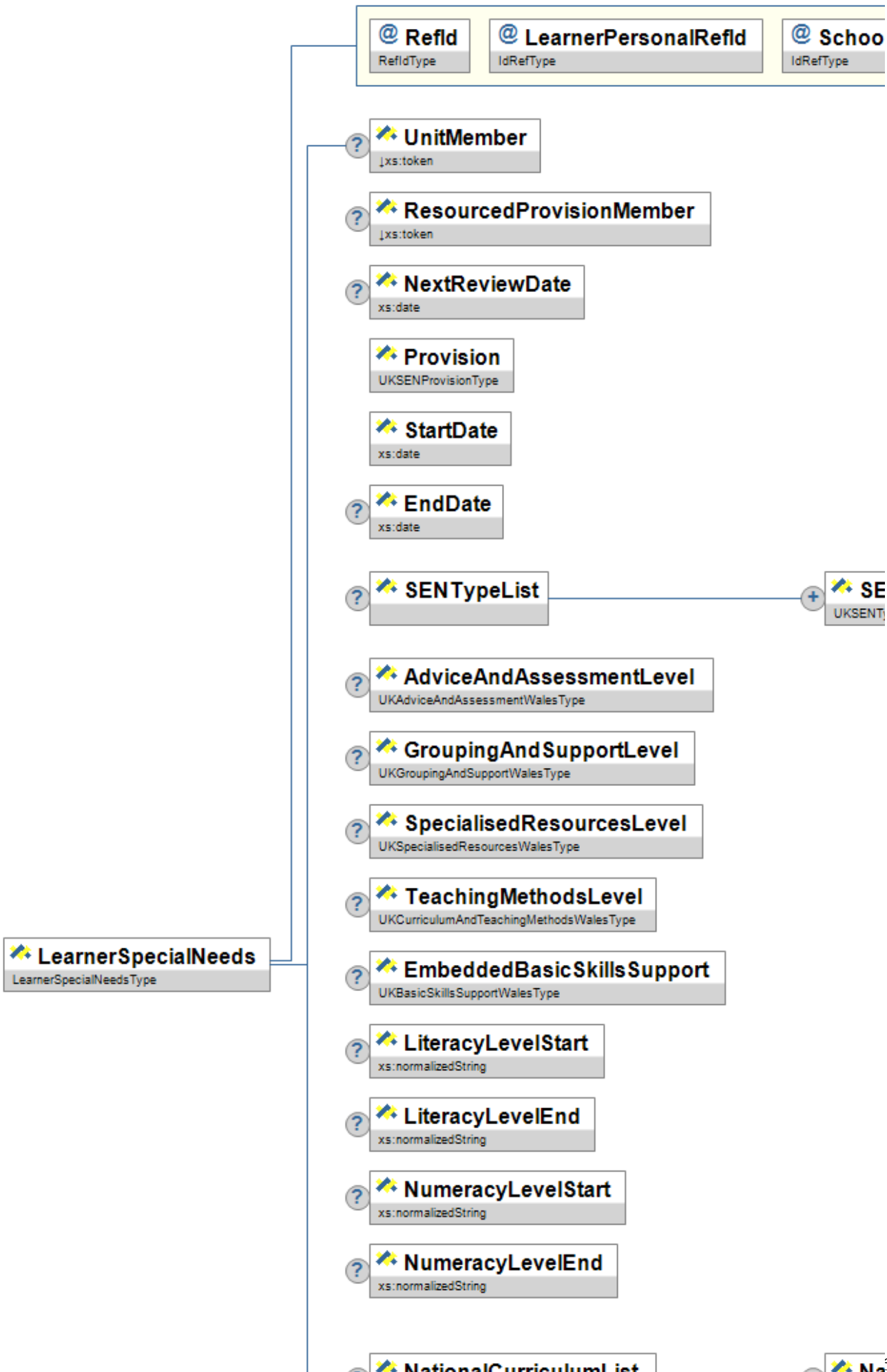


Figure 6.5.20-1: LearnerSpecialNeeds

	Element/@Attribute	Char	Description	Type
	<b>LearnerSpecialNeeds</b>		This object contains information regarding a special education need (SEN) for a learner when provisioned within a school or establishment. A new object exists for each provision. The current status of any provision can be determined by querying StartDate and EndDate. Both dates are allowed to be in the future. The publisher of this object must support queries on these dates.	
	@ RefId	M	The ID (GUID) that uniquely identifies a learner special need (provision).	RefIdType
	@ LearnerPersonalRefId	M	The ID (GUID) of the learner with special educational needs.	IdRefType
	@ SchoolInfoRefId	M	The ID (GUID) that uniquely identifies the school provisioned to work with the learner's special needs.	IdRefType
	UnitMember	O	Is this learner with special education needs (SEN) in a mainstream school a member of an SEN Unit (sometimes called special class)?	<b>values:</b> Yes No
	ResourcedProvisionMember	O	Is this learner with special education needs (SEN) in a mainstream school a member of a resourced provision?	<b>values:</b> Yes No
	NextReviewDate	O	Date of learner's next SEN review.	xs:date
	Provision	M	A provision (stage) accommodated for this learner within this school.	UKSENProvisionType
	StartDate	M	Date when learner was placed on the current SEN stage. Date may be in the future.	xs:date



Element/@Attribute	Char	Description	Type
EndDate	O	Date when learner finished this SEN stage. Assumed to be current unless a date in the past is specified here.	xs:date
SENTypeList	O	A list of Special Educational Needs types for this learner. Note that each SEN type must have its own unique ranking, and all rankings must be consecutive starting with 1.	List
SENTypeList/SENType	MR	The code for a Special Educational Need (type) for this learner.	UKSENTypeType
@ Ranking	M	A value (starting at 1) indicating the order of significance of special educational need in relation to other SEN types listed here.	xs:unsignedInt
AdviceAndAssessmentLevel	O	Level of provision for Advice and Assessment. (Wales)	UKAdviceAndAssessmentWalesType
GroupingAndSupportLevel	O	Level of provision for Grouping and Support. (Wales)	UKGroupingAndSupportWalesType
SpecialisedResourcesLevel	O	Level of provision for Specialised Resources. (Wales)	UKSpecialisedResourcesWalesType
TeachingMethodsLevel	O	Level of provision for Curriculum and Teaching Methods. (Wales)	UKCurriculumAndTeachingMethodsWalesType
EmbeddedBasicSkillsSupport	O	Provision of Embedded Basic Skills support beyond the attainment of formal qualification.	<b>union of:</b> UKBasicSkillsSupportWalesType
LiteracyLevelStart	O	Level of literacy at start of this SEN stage. (Wales)	xs:normalizedString
LiteracyLevelEnd	O	Level of literacy achieved by the end of this SEN stage. (Wales)	xs:normalizedString
NumeracyLevelStart	O	Level of numeracy at start of this SEN stage. (Wales)	xs:normalizedString
NumeracyLevelEnd	O	Level of numeracy achieved by the end of this SEN stage. (Wales)	xs:normalizedString

Element/@Attribute	Char	Description	Type
NationalCurriculumList	O	A list of National Curriculum subjects that have been modified or disapplied for this Learner.	List
NationalCurriculumList/NationalCurriculum	MR	A National Curriculum subject that has been modified or disapplied for this Learner.	
NationalCurriculumList/NationalCurriculum/Modification	M	How is the National Curriculum used for this learner?	<b>values:</b> M Modified N Disapplied
NationalCurriculumList/NationalCurriculum/Subject	M	National Curriculum subject(s) for which modification or disapplication applies.	UKGeneralSubjectType
MedicalFlag	O	Is there medical information on this Learner?	<b>values:</b> Yes No
ParamedicalSupport	O	Type of therapy needed by Learner.	<b>values:</b> P Physiotherapy S Speech Therapy O Occupational Therapy
MedicalNotes	O	Summary of learner's medical condition.	xs:normalizedString
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.20-1: LearnerSpecialNeeds

```

<LearnerSpecialNeeds RefId="B3E949552545531BECC511DB91D00002" LearnerPersonalRefId="B7865180DC7E11DB9C010016353E6
  <UnitMember>Yes</UnitMember>
  <ResourcedProvisionMember>Yes</ResourcedProvisionMember>
  <NextReviewDate>2007-05-25</NextReviewDate>
  <Provision>A</Provision>
  <StartDate>2006-09-01</StartDate>
  <EndDate>2007-06-30</EndDate>
  <SENTypeList>
    <SENType Ranking="1">MLD</SENType>
  </SENTypeList>
  <AdviceAndAssessmentLevel>AA3</AdviceAndAssessmentLevel>
  <GroupingAndSupportLevel>GS2</GroupingAndSupportLevel>
  <SpecialisedResourcesLevel>SR1</SpecialisedResourcesLevel>
  <TeachingMethodsLevel>CT3</TeachingMethodsLevel>
  <EmbeddedBasicSkillsSupport>01</EmbeddedBasicSkillsSupport>
  <LiteracyLevelStart>4</LiteracyLevelStart>
  <LiteracyLevelEnd />
  <NumeracyLevelStart>3</NumeracyLevelStart>
  <NumeracyLevelEnd />
  <NationalCurriculumList>
    <NationalCurriculum>
      <Modification>M</Modification>
      <Subject>PRI</Subject>
    </NationalCurriculum>
  </NationalCurriculumList>
  <MedicalFlag>No</MedicalFlag>
  <ParamedicalSupport>S</ParamedicalSupport>
  <MedicalNotes>Pupil must be monitored constantly.</MedicalNotes>
</LearnerSpecialNeeds>

```

Example 6.5.20-1: LearnerSpecialNeeds

## 6.5.21 PersonPicture

This object either contains or references a person's picture. Compare with US/Canada objects: `StudentPicture` and `EmployeePicture`.

SIF\_Events are reported for this object.

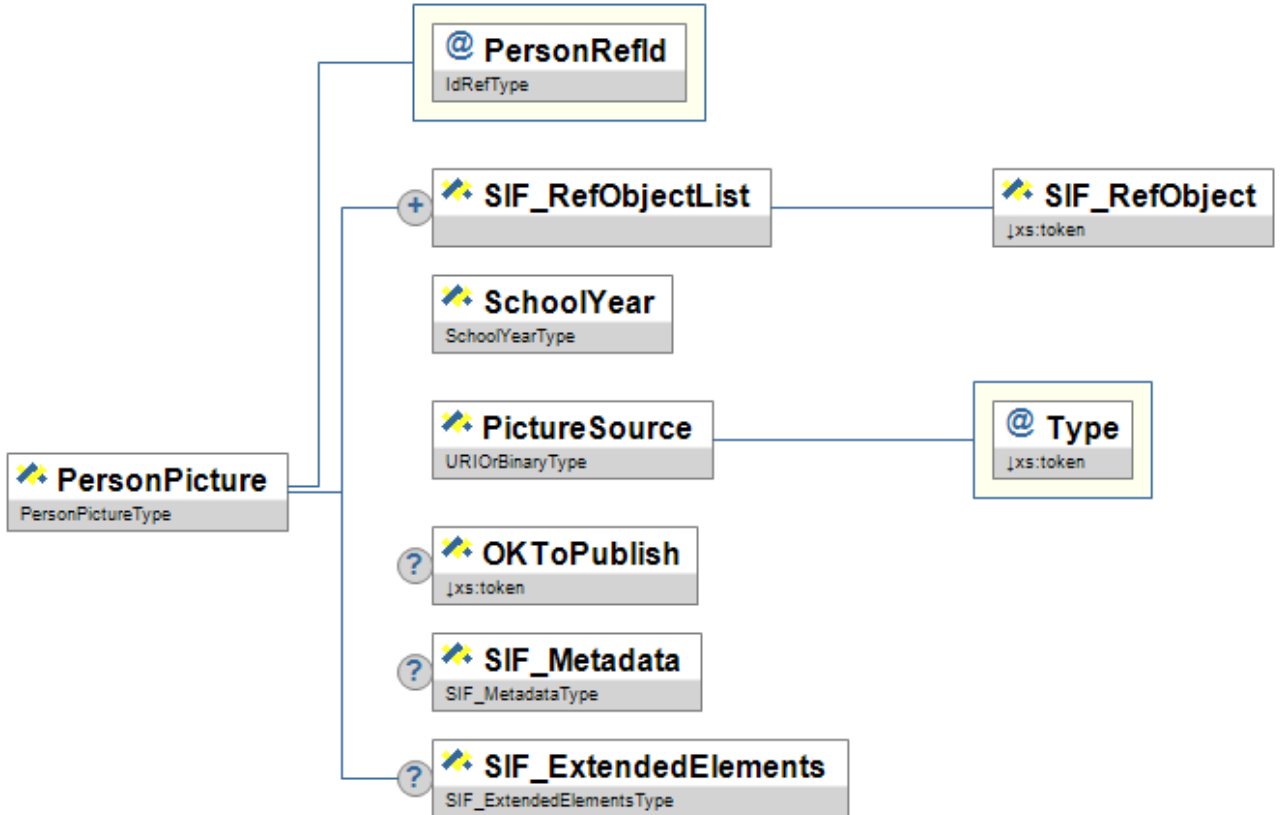


Figure 6.5.21-1: PersonPicture

	Element/@ Attribute	Char	Description	Type
	<b>PersonPicture</b>		This object either contains or references a person's picture. Compare with US/Canada objects: <code>StudentPicture</code> and <code>EmployeePicture</code> .	
@ Key	PersonRefId	M	This is the GUID of the person whose picture this is. It is important to note that using the same GUID a person may have a <code>LearnerPersonal</code> record, a <code>WorkforcePersonal</code> record, and a <code>ContactPersonal</code> record all at the same time. This same picture is applicable regardless of the associated object type(s).	IdRefType
	SIF_RefObjectList	MR	A list of one or more "personal" object type codes representing objects that can be requested for this person using the specified PersonRefId.	List
	SIF_RefObjectList/SIF_RefObject	M	The name of a "personal" object that can be requested for this person using the specified PersonRefId.	<b>values:</b> <code>ContactPersonal</code> <code>LearnerPersonal</code> <code>WorkforcePersonal</code>

	Element/@Attribute	Char	Description	Type
	SchoolYear	M	School year for which this picture is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year).	SchoolYear
	PictureSource	M	This element defines the picture. If the Type attribute is URL, this is the location of the picture in [JPEG] format; if Type is JPEG, this is the [JPEG] image data encoded using the Base64 Content-Transfer-Encoding defined in Section 6.8 of [RFC 2045].	URIOrBinaryType
@	Type	M	The way the picture is specified (URL or JPEG).	<b>values:</b>  URL JPEG
	OKToPublish	O	Can the picture be published?	<b>values:</b>  Yes No
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.21-1: PersonPicture

```
<PersonPicture PersonRefId="D3E34B359D75101A8C3D00AA001A1652">
  <SIF_RefObjectList>
    <SIF_RefObject>LearnerPersonal</SIF_RefObject>
  </SIF_RefObjectList>
  <SchoolYear>2007</SchoolYear>
  <PictureSource Type="URL">http://www.schoolsite.com/pictures/1999/1234.jpg</PictureSource>
  <OKToPublish>Yes</OKToPublish>
</PersonPicture>
```

Example 6.5.21-1: PersonPicture

## 6.5.22 SchoolGroup

This object describes a specific group and includes resource and time tabling information. All groups are based upon a SchoolGroupType record. However, there are courses which are not based upon any subject area and likewise may not have any teachers or other staff assigned. Compare with US/Canada object: *SectionInfo*.

**SIF\_Events are reported for this object.**

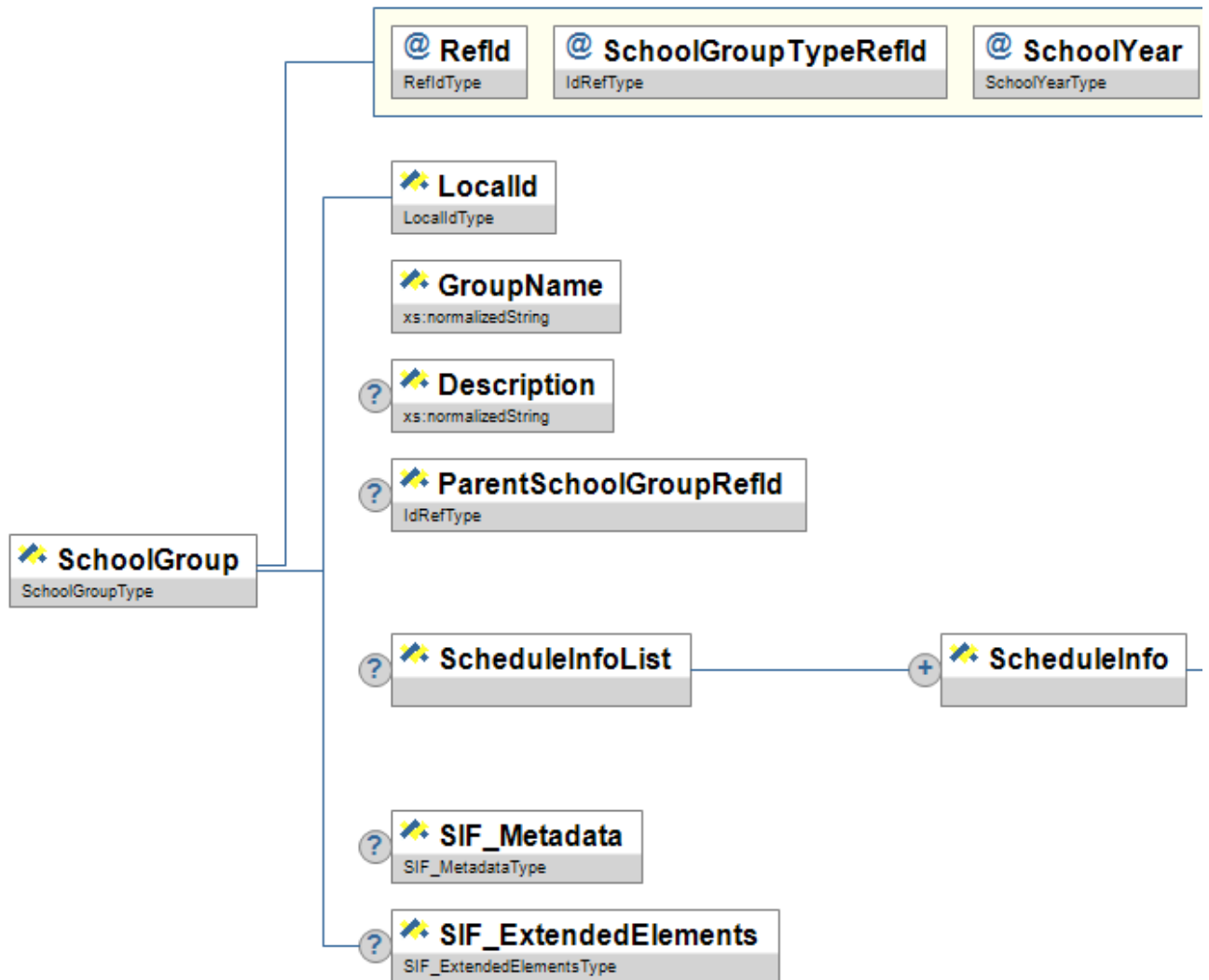


Figure 6.5.22-1: SchoolGroup

Element/@ Attribute	Char	Description	Type
<b>SchoolGroup</b>		This object describes a specific group and includes resource and time tabling information. All groups are based upon a SchoolGroupType record. However, there are courses which are not based upon any subject area and likewise may not have any teachers or other staff assigned. Compare with US/Canada object: SectionInfo.	
@ RefId Key	M	The ID (GUID) that uniquely identifies this group entity.	RefIdType
@ SchoolGroupTypeRefId	M	The ID (GUID) that identifies a course upon which this group is centered. Note that this element is mandatory when GroupType is associated with a course (teaching group).	IdRefType
@ SchoolYear	M	School year for which the group is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year). Where a group membership is valid across multiple years, the current year at the time of publication will be used.	SchoolYear
LocalId	M	The locally-assigned (unique) identifier for this group.	LocalId

	Element/@Attribute	Char	Description	Type
	GroupName	M	The name associated with this group for display purposes.	xs:normalizedString
	Description	O	A textual description.	xs:normalizedString
	ParentSchoolGroupRefId	O	The parent group associated with this group, if any.	IdRefType
	ScheduleInfoList	O		List
	ScheduleInfoList/ScheduleInfo	MR	The schedule-related information for a section repeating for each term in which the section is scheduled.	
	ScheduleInfoList/ScheduleInfo/TeacherList	O	A list of teachers, staff, or other non-learners associated with this group.	List
	ScheduleInfoList/ScheduleInfo/TeacherList/Teacher	MR	A teacher, staff, or other non-learner associated with this group.	
@	WorkforcePersonalRefId	M	The ID (GUID) of a teacher, staff member, or other employee participating in a non-learner capacity within this group.	IdRefType
	ScheduleInfoList/ScheduleInfo/TeacherList/Teacher/Role	O	The role associated with this person in the context of this group.	UKGroupRoleType
	SIF_Metadata	O		SIF_Metadata
	SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.22-1: SchoolGroup

```
<SchoolGroup RefId="448CCF34A4B54757B09E4BB37DE69CB1" SchoolGroupTypeRefId="900B4180DC7E11DB9C0100163564AA14" Sch
<LocalId>SCI200</LocalId>
<GroupName>Natural Science II</GroupName>
<Description>Exploration of natural sciences, 2nd Year</Description>
<ScheduleInfoList>
  <ScheduleInfo>
    <TeacherList>
      <Teacher WorkforcePersonalRefId="5EE44B359D75101A8C3D00AA001B7B89">
        <Role>TCH</Role>
      </Teacher>
      <Teacher WorkforcePersonalRefId="3D00AA001B7B895EE44B359D75101A8C">
        <Role>SUP</Role>
      </Teacher>
    </TeacherList>
  </ScheduleInfo>
</ScheduleInfoList>
</SchoolGroup>
```

Example 6.5.22-1: SchoolGroup

### 6.5.23 SchoolGroupType

This object describes a high-level course or class grouping organised and/or taught within a school or establishment. Note that not all courses are based upon a subject area. One such course is "Class Group" which is the same as a homeroom or registration group. Compare with US/Canada object: *SchoolCourseInfo*.

**SIF\_Events** are reported for this object.

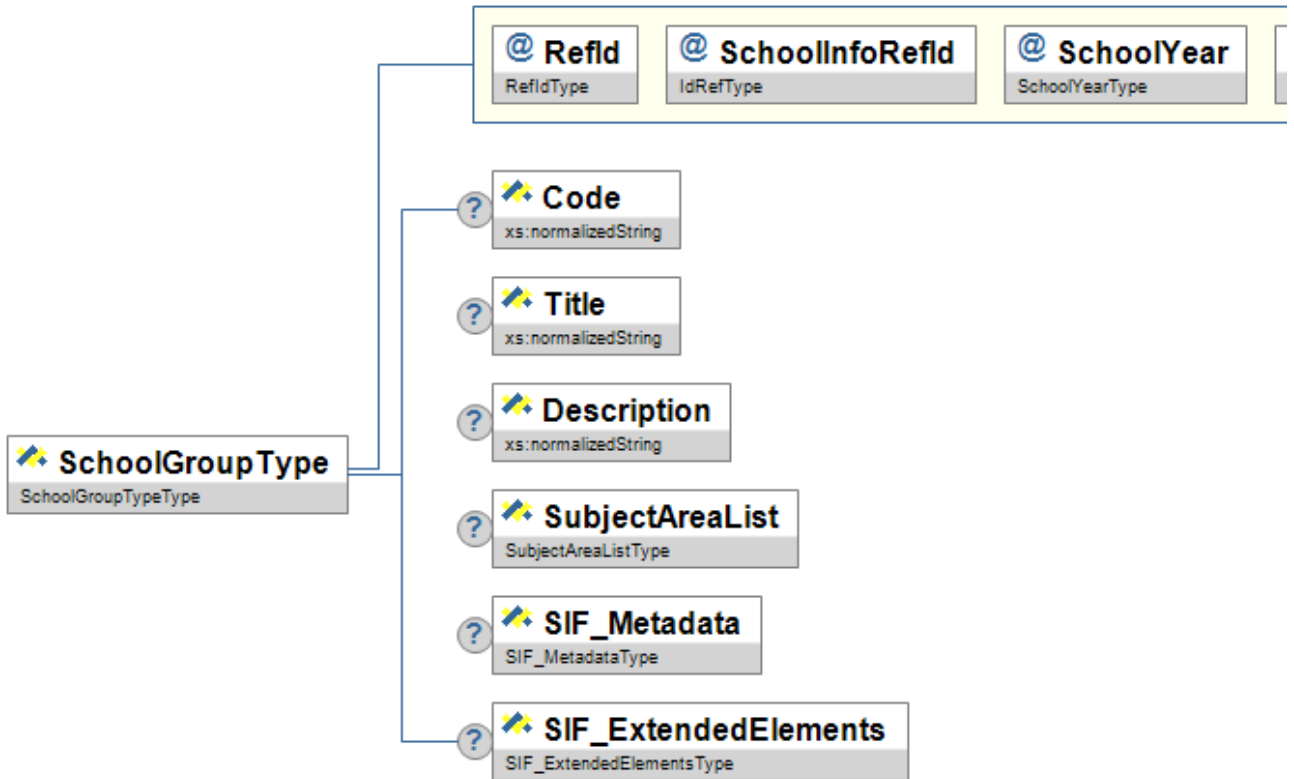


Figure 6.5.23-1: SchoolGroupType

	Element/@Attribute	Char	Description	Type
	<b>SchoolGroupType</b>		This object describes a high-level course or class grouping organised and/or taught within a school or establishment. Note that not all courses are based upon a subject area. One such course is "Class Group" which is the same as a homeroom or registration group. Compare with US/Canada object: <i>SchoolCourseInfo</i> .	
	@ RefId 	M	The GUID that uniquely identifies a school course.	RefIdType
	@ SchoolInfoRefId	M	The ID (GUID) that references the school or establishment where the course is offered or the registration group exists.	IdRefType
	@ SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year). Where a group membership is valid across multiple years, the current year at the time of publication will be used.	SchoolYear
	@ GroupType	M	The group type. Teaching groups are used to teach subjects while other groups are organised for various other reasons.	<b>values:</b> G Generic Group R Registration/Class Group T Teaching (course) Group
	Code	O	The school defined local code for the group (or course).	xs:normalizedString
	Title	O	Title associated with this group.	xs:normalizedString
	Description	O	Textual description for the group.	xs:normalizedString

Element/@Attribute	Char	Description	Type
SubjectAreaList	O	Subject matter areas taught as part of the course, if any.	SubjectAreaList
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.23-1: SchoolGroupType

```
<SchoolGroupType RefId="900B4180DC7E11DB9C0100163564AA14" SchoolInfoRefId="D6F60F2862CA460BAA95E57AB49CBE88" Scho
<Code>NSCI</Code>
<Title>Natural Science Studies</Title>
<Description>General classification for all study of the natural sciences</Description>
<SubjectAreaList>
  <SubjectArea>ASC</SubjectArea>
  <SubjectArea>BIO</SubjectArea>
  <SubjectArea>CHM</SubjectArea>
  <SubjectArea>CSB</SubjectArea>
  <SubjectArea>CSC</SubjectArea>
  <SubjectArea>CSP</SubjectArea>
  <SubjectArea>ENV</SubjectArea>
  <SubjectArea>GLG</SubjectArea>
  <SubjectArea>PHY</SubjectArea>
  <SubjectArea>SCI</SubjectArea>
</SubjectAreaList>
</SchoolGroupType>
```

Example 6.5.23-1: SchoolGroupType

## 6.5.24 SchoolInfo

This object contains basic information about a school or other educational establishment. Compare with US/Canada object with the same name.

**SIF\_Events are reported for this object.**



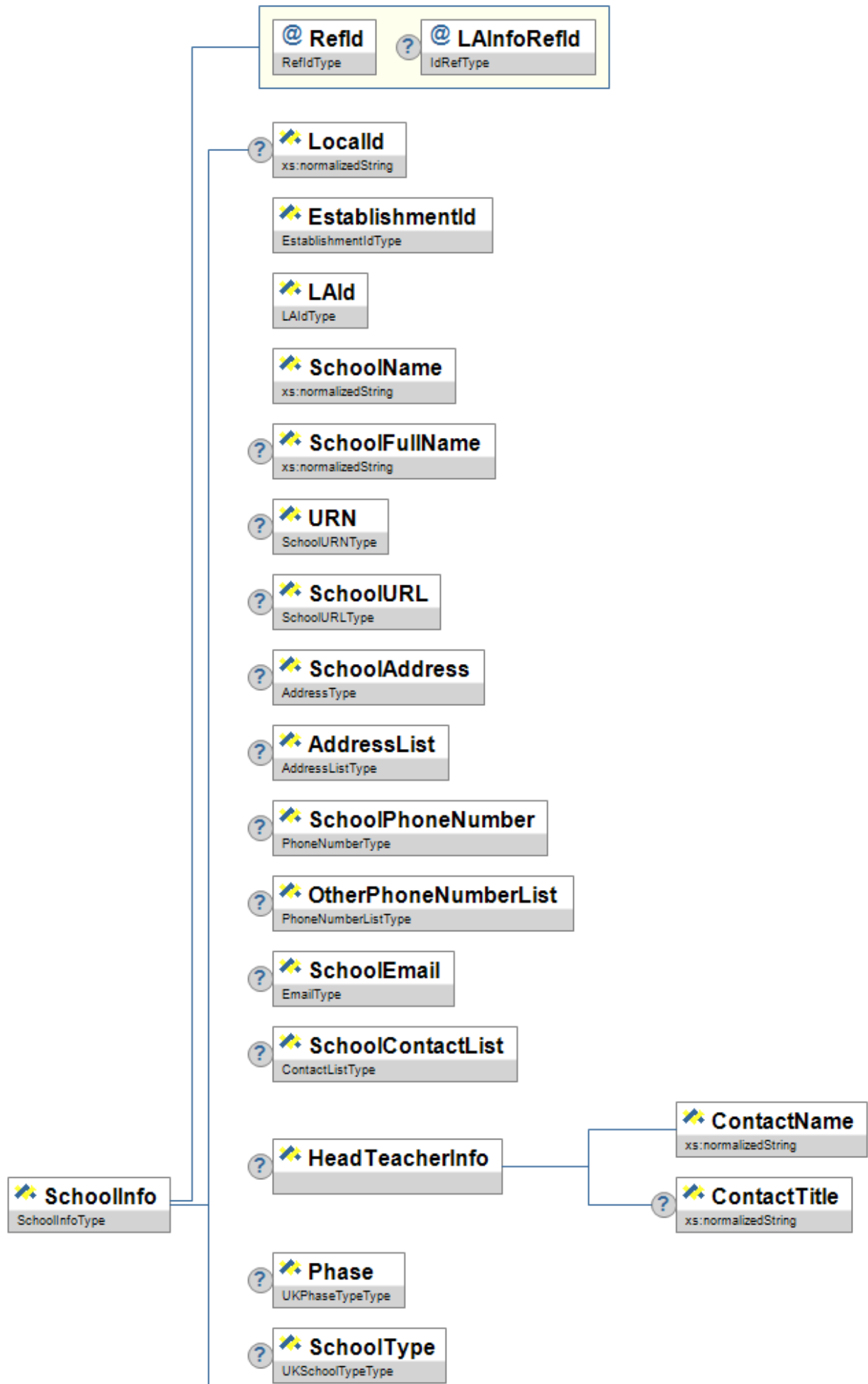


Figure 6.5.24-1: SchoolInfo

	Element/@Attribute	Char	Description	Type
	<b>SchoolInfo</b>		This object contains basic information about a school or other educational establishment. Compare with US/Canada object with the same name.	
@ Key	RefId	M	The GUID that identifies this school.	RefIdType
@	LAInfoRefId	O	The ID (GUID) assigned to the LA of which this school is a member.	IdRefType
	LocalId	O	An ID assigned by the publishing agent for this school or establishment. This may be set to any value.	xs:normalizedString
	EstablishmentId	M	DfES Establishment Number for this school.	EstablishmentId
	LAId	M	The 3-digit LA number assigned by DfES.	LAId
	SchoolName	M	School's name as indicated on the Annual Schools Census.	xs:normalizedString
	SchoolFullName	O	School's full name as stated in the Instrument of Government.	xs:normalizedString
	URN	O	School Unique Reference Number. This number is an alternate to the Establishment Number.	SchoolURN
	SchoolURL	O	URL for the school.	SchoolURL
	SchoolAddress	O	The school's published address.	Address
	AddressList	O	Other addresses associated with the school.	AddressList
	SchoolPhoneNumber	O	The main phone number for this school/establishment.	PhoneNumber
	OtherPhoneNumberList	O	A list of the school's phone numbers.	PhoneNumberList
	SchoolEmail	O	School's email address for general correspondence.	Email
	SchoolContactList	O	A list of contacts at the school.	ContactList
	HeadTeacherInfo	O	Name and title fo the school's Head Teacher.	
	HeadTeacherInfo/ContactName	M	The name of the head Teacher.	xs:normalizedString
	HeadTeacherInfo/ContactTitle	O	The official title of the Head Teacher.	xs:normalizedString
	Phase	O	The high level code indicating the level of the educational institution.	UKPhaseTypeType
	SchoolType	O	An indication of the level of the educational institution.	UKSchoolTypeType
	Governance	O	Governance afforded to this school.	UKGovernanceTypeType
	Intake	O	Intake type.	<b>values:</b> COMP Comprehensive SEL1 Selective (Grammar) SEL2 Secondary Modern SEL3 Selective (Technical) SEL4 Religious School

Element/@Attribute	Char	Description	Type
NCYearGroupList	O	Collection of National Curriculum Year Groups offered in this school or establishment.	NCYearGroupList
GenderOfEntry	O	Gender of learners allowed for entry to school.	<b>values:</b> C Coeducational F Female only M Male only
GenderSixthForm	O	Gender of learners allowed for entry to Sixth Form.	<b>values:</b> C Coeducational F Female only M Male only blank = HighestNCYear less than 12
Boarders	O	Indicates whether the school supports boarders or not.	<b>values:</b> Yes No
SessionsPerDay	M	The number of sessions in the usual school day (usually two).	xs:unsignedInt
Nursery	O	Indicates whether the school maintains a nursery class or not. Must be NO if Phase is set to MP, MS or SY. Must be YES if Phase is set to NY or EY.	<b>values:</b> Yes No
Special	O	Indicates whether the school has a special class/unit or not. Must be Yes if Phase = SP. Any details will be stored in the associated SchoolInfoDetail object.	<b>values:</b> Yes No
OperationalStatus	O	Operational condition of a school.	UKOperationalStatusType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.24-1: SchoolInfo

```

<SchoolInfo RefId="D6F60F2862CA460BAA95E57AB49CBE88" LAInfoRefId="81559915646EBEC342277E6D2AA5EAEA">
  <LocalId>005415</LocalId>
  <EstablishmentId>5415</EstablishmentId>
  <LAId>330</LAId>
  <SchoolName>King's Norton Boys' School</SchoolName>
  <SchoolFullName>King's Norton Boys' School</SchoolFullName>
  <SchoolURL>www.kingsnortonboys.bham.sch.uk</SchoolURL>
  <SchoolAddress Type="Current">
    <PAON>
      <Description>Main Office</Description>
    </PAON>
    <Street>Northfield Road</Street>
    <Town>Birmingham</Town>
    <PostCode>B30 1DY</PostCode>
    <Country>GBR</Country>
  </SchoolAddress>
  <SchoolPhoneNumber Type="W">
    <Number>01216280010</Number>
    <ListedStatus>Listed</ListedStatus>
  </SchoolPhoneNumber>
  <OtherPhoneNumberList>
    <PhoneNumber Type="F">
      <Number>01216280080</Number>
    </PhoneNumber>
  </OtherPhoneNumberList>
  <SchoolEmail Type="Business">enquiry@kingsnortonboys.bham.sch.uk</SchoolEmail>
  <HeadTeacherInfo>
    <ContactName>Mr. Roy Baylis</ContactName>
    <ContactTitle>Head Teacher</ContactTitle>
  </HeadTeacherInfo>
  <Phase>SY</Phase>
  <SchoolType>39</SchoolType>
  <Governance>FO</Governance>
  <Intake>SEL3</Intake>
  <NCYearGroupList>
    <NCYearGroup>7</NCYearGroup>
    <NCYearGroup>8</NCYearGroup>
    <NCYearGroup>9</NCYearGroup>
    <NCYearGroup>10</NCYearGroup>
    <NCYearGroup>11</NCYearGroup>
    <NCYearGroup>12</NCYearGroup>
    <NCYearGroup>13</NCYearGroup>
    <NCYearGroup>14</NCYearGroup>
  </NCYearGroupList>
  <GenderOfEntry>M</GenderOfEntry>
  <GenderSixthForm>M</GenderSixthForm>
  <Boarders>No</Boarders>
  <SessionsPerDay>2</SessionsPerDay>
  <Nursery>No</Nursery>
  <Special>No</Special>
  <OperationalStatus>1</OperationalStatus>
</SchoolInfo>

```

Example 6.5.24-1: SchoolInfo

## 6.5.25 TermInfo

This object provides information about a term; i.e., a reportable period of time. Compare with US/Canada object: TermInfo.

**SIF\_Events** are reported for this object.

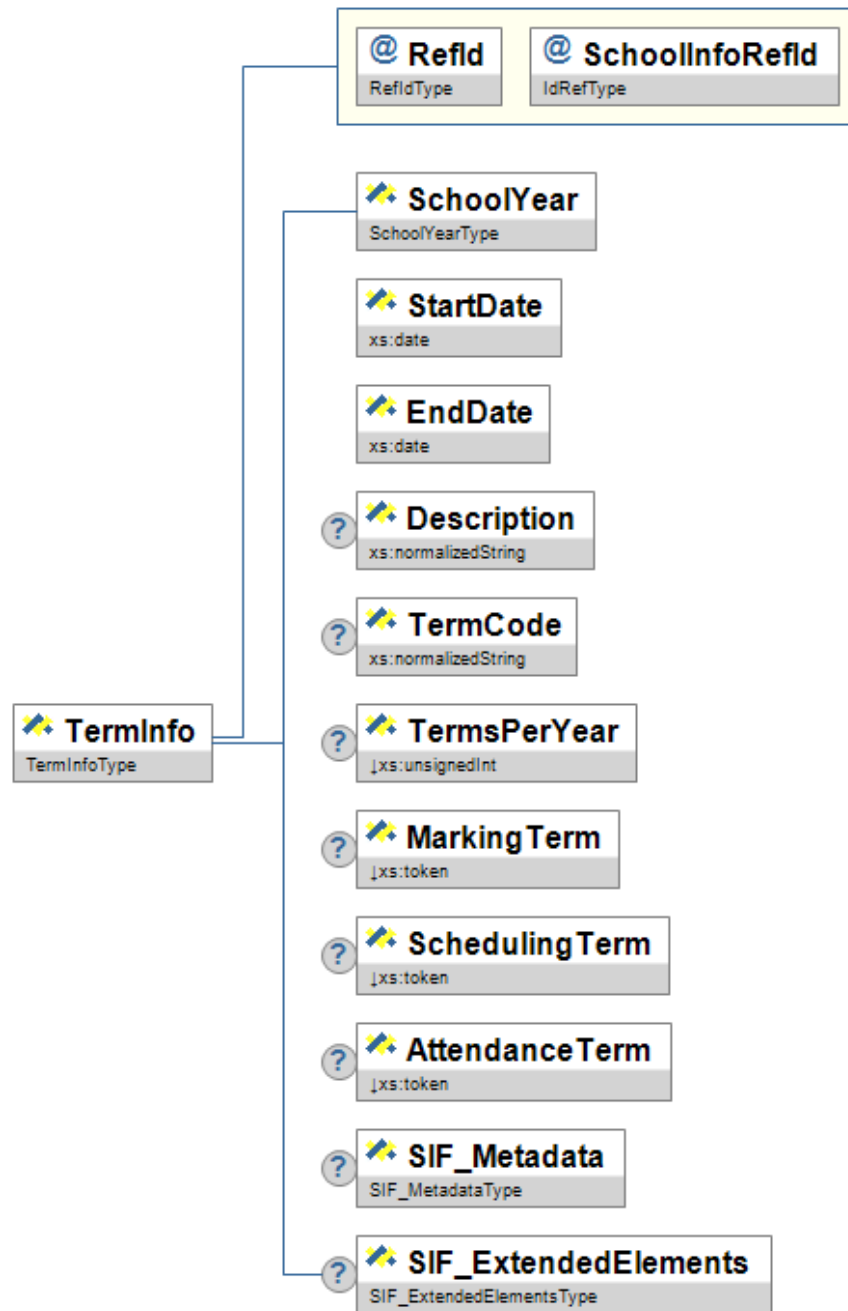


Figure 6.5.25-1: TermInfo

Element/@Attribute	Char	Description	Type
<b>TermInfo</b>		This object provides information about a term; i.e., a reportable period of time. Compare with US/Canada object: <i>TermInfo</i> .	
@ RefId Key	M	The ID (GUID) that uniquely identifies this TermInfo entity.	RefIdType
@ SchoolInfoRefId	M	The ID (GUID) that identifies the school where the term is used.	IdRefType
SchoolYear	M	School year for which the information is applicable, expressed as the four-digit year in which the school year ends (e.g. 2007 for the 2006/07 school year). Where a group membership is valid across multiple years, the current year at the time of publication will be used.	SchoolYear

Element/@Attribute	Char	Description	Type				
StartDate	M	Starting date of the term.	xs:date				
EndDate	M	Ending date of the term.	xs:date				
Description	O	Text-based description of the term.	xs:normalizedString				
TermCode	O	Locally-defined code. Use 'AUT', 'SPR', or 'SUM' for a 3 term year. Otherwise specify the term number within the year.	xs:normalizedString				
TermsPerYear	O	The number of terms in a given year (3-6).	xs:unsignedInt <table border="1"> <tr> <td>xs:minInclusive</td> <td>3</td> </tr> <tr> <td>xs:maxInclusive</td> <td>6</td> </tr> </table>	xs:minInclusive	3	xs:maxInclusive	6
xs:minInclusive	3						
xs:maxInclusive	6						
MarkingTerm	O	Does this TermInfo represent a marking period?	<b>values:</b>  Yes No				
SchedulingTerm	O	Does this TermInfo represent a scheduling term?	<b>values:</b>  Yes No				
AttendanceTerm	O	Does this TermInfo represent an attendance term?	<b>values:</b>  Yes No				
SIF_Metadata	O		SIF_Metadata				
SIF_ExtendedElements	O		SIF_ExtendedElements				

Table 6.5.25-1: TermInfo

```
<TermInfo RefId="7E59D75101A80A70016375DE097A0726" SchoolInfoRefId="A2E35B359D75101A8C3D00AA001A0000">
  <SchoolYear>2007</SchoolYear>
  <StartDate>2007-01-05</StartDate>
  <EndDate>2007-04-01</EndDate>
  <Description>Spring Term 2007</Description>
  <TermCode>SPR</TermCode>
  <TermsPerYear>3</TermsPerYear>
  <MarkingTerm>Yes</MarkingTerm>
  <SchedulingTerm>Yes</SchedulingTerm>
  <AttendanceTerm>Yes</AttendanceTerm>
</TermInfo>
```

Example 6.5.25-1: TermInfo

## 6.5.26 WorkforcePersonal

This object contains key personal information relating to a workforce member, who might be a teacher or other employee of the school or LA. Compare with US/Canada objects: `EmployeePersonal` and `StaffPersonal`.

**SIF\_Events** are reported for this object.

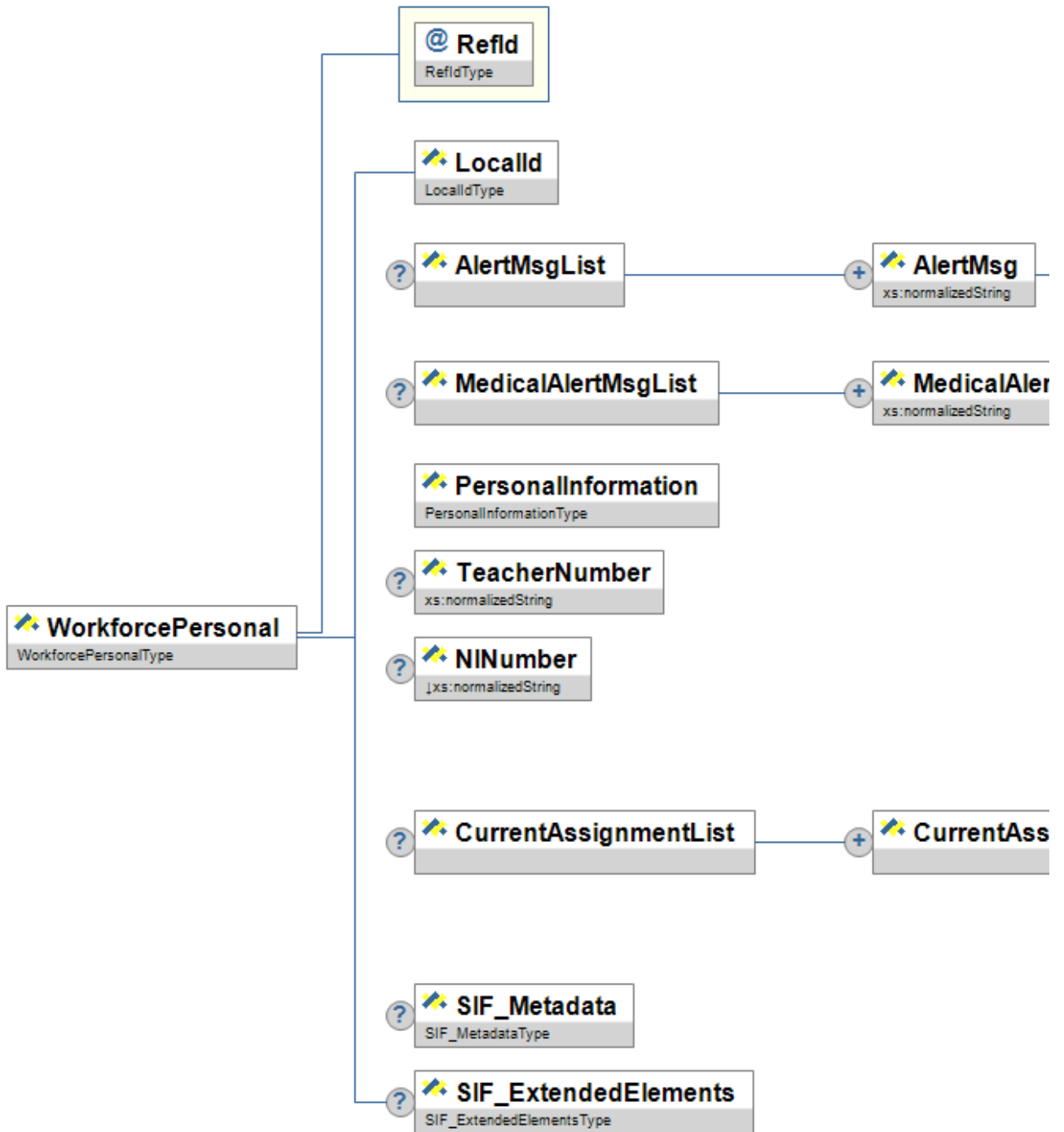


Figure 6.5.26-1: WorkforcePersonal

	Element/@Attribute	Char	Description	Type
	<b>WorkforcePersonal</b>		This object contains key personal information relating to a workforce member, who might be a teacher or other employee of the school or LA. Compare with US/Canada objects: <i>EmployeePersonal</i> and <i>StaffPersonal</i> .	
@ Key	RefId	M	The ID (GUID) of the workforce member. Note that the same GUID may be	RefIdType

Element/@ Attribute	Char	Description	Type
		assigned to this person when they are also a learner (via LearnerPersonal) and/or a contact (via ContactPersonal).	
LocalId	M	The locally-assigned identifier for this workforce member.	LocalId
AlertMsgList	O		List
AlertMsgList/AlertMsg	MR	This is an alert message that is associated with the person.	xs:normalizedString
@ Type	M	This attribute specifies what type of alert message this is.	<b>values:</b> Legal Discipline Educational Other
MedicalAlertMsgList	O		List
MedicalAlertMsgList/MedicalAlertMsg	MR	Medical alert associated with the person.	xs:normalizedString
@ Severity	M	The level of severity of this medical alert.	<b>values:</b> Low Moderate High Severe Unknown
PersonalInformation	M	Personal name, demographic, address, email, and phone information for this person.	PersonalInformation
TeacherNumber	O	The DfES Teacher Reference number. For those who have one this is a unique number.	xs:normalizedString
NINumber	O	National Insurance Number. Do not specify temporary numbers. Format: AAnnnnnnA	xs:normalizedString <div style="border: 1px solid black; padding: 2px; width: fit-content;">xs:pattern [A-Z]{2}[0-9]{6}[A-Z]</div>
CurrentAssignmentList	O	A list of assignments associated with a workforce member, including school and role. This list serves as a quick lookup for information relating to a workforce member's postings or assignments to an LA, School, or other establishment. An agent will operate more efficiently if the data represented here is sufficient. Otherwise, it will be necessary for the agent to also request the WorkforceAssignment object(s).	List
CurrentAssignmentList/CurrentAssignment	MR	A workforce member's assignment.	
CurrentAssignmentList/CurrentAssignment/LAId	O	The DfES assigned number for the LA in which the workforce member is working, if	LAId



Element/@Attribute	Char	Description	Type
		associated.	
CurrentAssignmentList/CurrentAssignment/EstablishmentId	O	The DfES assigned number for the school or establishment in which the workforce member is working. Note that the school may not necessarily be in the same LA listed as the LAId.	EstablishmentId
CurrentAssignmentList/CurrentAssignment/Posts	O	A list of posts that are applicable to the workforce member's association with this school or LA.	List
CurrentAssignmentList/CurrentAssignment/Posts/Post	MR	The post assigned to the workforce member in the context of the school or LA.	UKAssignmentPostType
SIF_Metadata	O		SIF_Metadata
SIF_ExtendedElements	O		SIF_ExtendedElements

Table 6.5.26-1: WorkforcePersonal

```

<WorkforcePersonal RefId="A8C3D5EE44B359D7510100AA001B7B89">
  <LocalId>593117</LocalId>
  <PersonalInformation>
    <Name Type="B">
      <FamilyName>Thaxton</FamilyName>
      <GivenName>Joy</GivenName>
      <PreferredFamilyName>Thaxton</PreferredFamilyName>
      <PreferredGivenName>Joy</PreferredGivenName>
    </Name>
    <Demographics>
      <EthnicityList>
        <Ethnicity>
          <Code>WENG</Code>
          <Source>O</Source>
        </Ethnicity>
      </EthnicityList>
      <Gender>F</Gender>
      <BirthDate>1974-09-12</BirthDate>
      <LanguageList>
        <Language>
          <Code>ENG</Code>
          <TypeList>
            <Type>F</Type>
          </TypeList>
        </Language>
      </LanguageList>
    </Demographics>
    <Email Type="School">joy.thaxton@myschool.sch.uk</Email>
    <Address Type="Current">
      <PAON>
        <StartNumber>94</StartNumber>
      </PAON>
      <Street>Middleton Way</Street>
      <Town>Erdington</Town>
      <AdministrativeArea>Birmingham</AdministrativeArea>
      <PostCode>B21 4SY</PostCode>
      <Country>GBR</Country>
    </Address>
  </PersonalInformation>
  <TeacherNumber>U002738664</TeacherNumber>
  <NINumber>CF344902B</NINumber>
  <CurrentAssignmentList>
    <CurrentAssignment>
      <LAId>330</LAId>
      <EstablishmentId>4033</EstablishmentId>
      <Posts>
        <Post>MUSS</Post>
      </Posts>
    </CurrentAssignment>
  </CurrentAssignmentList>
</WorkforcePersonal>

```

Example 6.5.26-1: WorkforcePersonal

# Appendix A: Common Types

Common and supporting types referenced in this specification are included here as a reference.

## A.1 DefinedProtocolsType

The transport protocols defined in SIF.

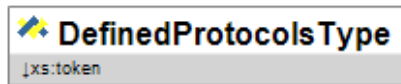


Figure A.1-1: DefinedProtocolsType

Element/@Attribute	Char	Description	Type
DefinedProtocolsType		The transport protocols defined in SIF.	values: HTTPS HTTP

Table A.1-1: DefinedProtocolsType

## A.2 ExtendedContentType

Allows for any mixed XML in an element.



Figure A.2-1: ExtendedContentType

Element/@Attribute	Char	Description	Type
ExtendedContentType		Allows for any mixed XML in an element.	<pre>&lt;xs:complexContent mixed="true"&gt;   &lt;xs:restriction base="xs:anyType"&gt;     &lt;xs:sequence&gt;       &lt;xs:any processContents="lax" minOccurs="0" maxOccurs="unbounded" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:restriction&gt; &lt;/xs:complexContent&gt;</pre>

Table A.2-1: ExtendedContentType

## A.3 GUIDType

SIF format for a GUID.

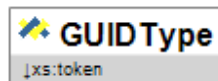


Figure A.3-1: GUIDType

Element/@Attribute	Char	Description	Type
<b>GUIDType</b>		SIF format for a GUID.	xs:token xs:pattern [0-9A-F]{32}

Table A.3-1: GUIDType

## A.4 IdRefType

A reference to a RefId.



Figure A.4-1: IdRefType

Element/@Attribute	Char	Description	Type
<b>IdRefType</b>		A reference to a RefId.	RefIdType

Table A.4-1: IdRefType

## A.5 MonetaryAmountType

A monetary amount.

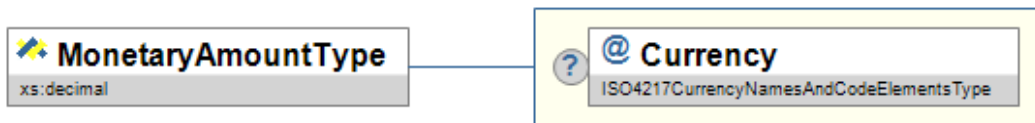


Figure A.5-1: MonetaryAmountType

Element/@Attribute	Char	Description	Type
<b>MonetaryAmountType</b>		A monetary amount.	xs:decimal
@ Currency	O	Currency code. Where omitted, defaults to implementation-defined local currency, typically USD in the United States.	ISO4217CurrencyNamesAndCodeElementsType

Table A.5-1: MonetaryAmountType

## A.6 MsgIdType

A message identifier.



Figure A.6-1: *MsgIdType*

Element/@Attribute	Char	Description	Type
<b>MsgIdType</b>		A message identifier.	GUIDType

Table A.6-1: *MsgIdType*

## A.7 ObjectNameType

An unenumerated SIF object name.

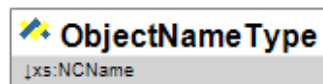


Figure A.7-1: *ObjectNameType*

Element/@Attribute	Char	Description	Type
<b>ObjectNameType</b>		An unenumerated SIF object name.	xs:NCName xs:maxLength 64

Table A.7-1: *ObjectNameType*

## A.8 RefIdType

An object or element identifier.



Figure A.8-1: *RefIdType*

Element/@Attribute	Char	Description	Type
<b>RefIdType</b>		An object or element identifier.	GUIDType

Table A.8-1: *RefIdType*

## A.9 SelectedContentType

Allows an XML fragment selected from an object to be used in an element with XML validation skipped.



Figure A.9-1: SelectedContentType

Element/@Attribute	Char	Description	Type
<b>SelectedContentType</b>		Allows an XML fragment selected from an object to be used in an element with XML validation skipped.	<pre> &lt;xs:complexContent mixed="true"&gt;   &lt;xs:restriction base="xs:anyType"&gt;     &lt;xs:sequence&gt;       &lt;xs:any processContents="skip" minOccurs="0" maxOccurs="unbounded" /&gt;     &lt;/xs:sequence&gt;   &lt;/xs:restriction&gt; &lt;/xs:complexContent&gt; </pre>

Table A.9-1: SelectedContentType

## A.10 SIF\_EventObjectType

The SIF objects that can be included in a SIF\_Event message.

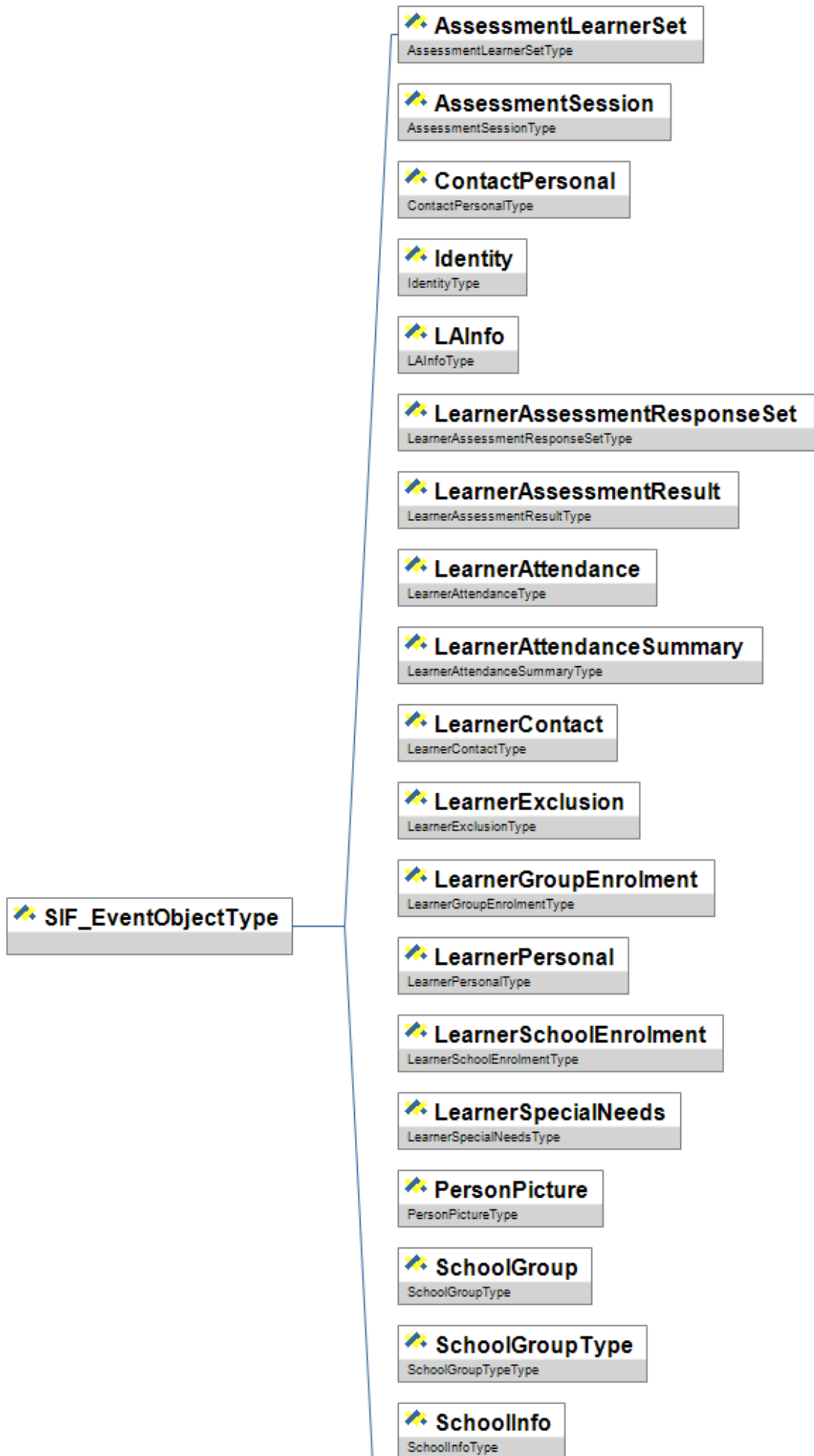


Figure A.10-1: SIF\_EventObjectType

Element/@Attribute	Char	Description	Type
<b>SIF_EventObjectType</b>		The SIF objects that can be included in a SIF_Event message.	<b>choice of:</b> AssessmentLearnerSet AssessmentSession ContactPersonal Identity LAInfo LearnerAssessmentResponseSet LearnerAssessmentResult LearnerAttendance LearnerAttendanceSummary LearnerContact LearnerExclusion LearnerGroupEnrolment LearnerPersonal LearnerSchoolEnrolment LearnerSpecialNeeds PersonPicture SchoolGroup SchoolGroupType SchoolInfo SIF_AgentACL SIF_LogEntry SIF_ZoneStatus TermInfo WorkforcePersonal

Table A.10-1: SIF\_EventObjectType

## A.11 SIF\_ExampleObjectType

The SIF objects that can be included in SIF\_Query/SIF\_Example.



Figure A.11-1: SIF\_ExampleObjectType

Element/@Attribute	Char	Description	Type
<b>SIF_ExampleObjectType</b>		The SIF objects that can be included in SIF_Query/SIF_Example.	EMPTY

Table A.11-1: SIF\_ExampleObjectType

## A.12 SIF\_ProvideObjectNamesType

The SIF object names that can be specified in a SIF\_Provide message.

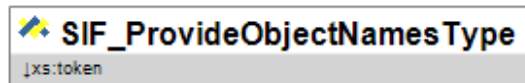


Figure A.12-1: SIF\_ProvideObjectNamesType

Element/@Attribute	Char	Description	Type
<b>SIF_ProvideObjectNamesType</b>		The SIF object names that can be specified in a SIF_Provide message.	<b>values:</b> AssessmentLearnerSet AssessmentResponseComponent AssessmentResponseComponentGroup AssessmentResultComponent AssessmentResultComponentGroup AssessmentResultGradeSet

Element/@Attribute	Char	Description	Type
			AssessmentSession ContactPersonal Identity LAInfo LearnerAssessmentResponseSet LearnerAssessmentResult LearnerAttendance LearnerAttendanceSummary LearnerContact LearnerExclusion LearnerGroupEnrolment LearnerPersonal LearnerSchoolEnrolment LearnerSpecialNeeds PersonPicture SchoolGroup SchoolGroupType SchoolInfo SIF_LogEntry TermInfo WorkforcePersonal

Table A.12-1: SIF\_ProvideObjectNamesType

### A.13 SIF\_RequestObjectNamesType

The SIF object names that can be specified in a SIF\_Request message, or every SIF object name.

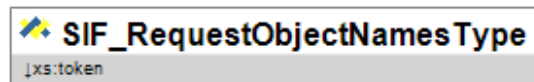


Figure A.13-1: SIF\_RequestObjectNamesType

Element/@Attribute	Char	Description	Type
<b>SIF_RequestObjectNamesType</b>		The SIF object names that can be specified in a SIF_Request message, or every SIF object name.	<b>values:</b> AssessmentLearnerSet AssessmentResponseComponent AssessmentResponseComponentGroup AssessmentResultComponent AssessmentResultComponentGroup AssessmentResultGradeSet AssessmentSession ContactPersonal Identity LAInfo LearnerAssessmentResponseSet LearnerAssessmentResult LearnerAttendance LearnerAttendanceSummary LearnerContact LearnerExclusion LearnerGroupEnrolment LearnerPersonal LearnerSchoolEnrolment LearnerSpecialNeeds PersonPicture SchoolGroup SchoolGroupType SchoolInfo SIF_AgentACL SIF_LogEntry SIF_ZoneStatus TermInfo WorkforcePersonal

Table A.13-1: SIF\_RequestObjectNamesType

### A.14 SIF\_ResponseObjectsType

The SIF objects that can be included, repeated, in a SIF\_Response message.





Figure A.14-1: SIF\_ResponseObjectsType

Element/@Attribute	Char	Description	Type
SIF_ResponseObjectsType		The SIF objects that can be included, repeated, in a SIF_Response message.	<pre> &lt;xs:choice minOccurs="0"&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentLearnerSet" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentResponseComponent" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentResponseComponentGroup" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentResultComponent" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentResultComponentGroup" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentResultGradeSet" maxOccurs="unbound" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:AssessmentSession" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:ContactPersonal" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:Identity" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LAInfo" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerAssessmentResponseSet" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerAssessmentResult" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerAttendance" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerAttendanceSummary" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerContact" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerExclusion" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerGroupEnrolment" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerPersonal" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerSchoolEnrolment" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:LearnerSpecialNeeds" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:PersonPicture" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SchoolGroup" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SchoolGroupType" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SchoolInfo" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SIF_AgentACL" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SIF_LogEntry" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt;xs:sequence&gt;     &lt;xs:element ref="sif:SIF_ZoneStatus" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:choice&gt; </pre>

Element/@Attribute	Char	Description	Type
			<pre> &lt;xs:element ref="sif:TermInfo" maxOccurs="unbounded" /&gt; &lt;/xs:sequence&gt; &lt;xs:sequence&gt;   &lt;xs:element ref="sif:WorkforcePersonal" maxOccurs="unbounded" /&gt; &lt;/xs:sequence&gt; &lt;/xs:choice&gt; </pre>

Table A.14-1: SIF\_ResponseObjectsType

## A.15 SIF\_ResponseObjectType


The SIF objects that can be included in a SIF\_Response message, or every SIF object.

 **SIF\_ResponseObjectType**

 **AssessmentLearnerSet**  
AssessmentLearnerSetType


 **AssessmentResponseComponent**  
AssessmentResponseComponentType

 **AssessmentResponseComponentGroup**  
AssessmentResponseComponentGroupType


 **AssessmentResultComponent**  
AssessmentResultComponentType

 **AssessmentResultComponentGroup**  
AssessmentResultComponentGroupType

 **AssessmentResultGradeSet**  
AssessmentResultGradeSetType


 **AssessmentSession**  
AssessmentSessionType

 **ContactPersonal**  
ContactPersonalType


 **Identity**  
IdentityType


 **LAInfo**  
LAInfoType


 **LearnerAssessmentResponseSet**  
LearnerAssessmentResponseSetType


 **LearnerAssessmentResult**  
LearnerAssessmentResultType


 **LearnerAttendance**  
LearnerAttendanceType

 **LearnerAttendanceSummary**  
LearnerAttendanceSummaryType

 **LearnerContact**  
LearnerContactType

 **LearnerExclusion**  
LearnerExclusionType

 **LearnerGroupEnrolment**  
LearnerGroupEnrolmentType

 **LearnerPersonal**  
LearnerPersonalType


 **LearnerSchoolEnrolment**  
LearnerSchoolEnrolmentType

Figure A.15-1: SIF\_ResponseObjectType

Element/@Attribute	Char	Description	Type
<b>SIF_ResponseObjectType</b>		The SIF objects that can be included in a SIF_Response message, or every SIF object.	<b>choice of:</b> AssessmentLearnerSet AssessmentResponseComponent AssessmentResponseComponentGroup AssessmentResultComponent AssessmentResultComponentGroup AssessmentResultGradeSet AssessmentSession ContactPersonal Identity LAInfo LearnerAssessmentResponseSet LearnerAssessmentResult LearnerAttendance LearnerAttendanceSummary LearnerContact LearnerExclusion LearnerGroupEnrolment LearnerPersonal LearnerSchoolEnrolment LearnerSpecialNeeds PersonPicture SchoolGroup SchoolGroupType SchoolInfo SIF_AgentACL SIF_LogEntry SIF_ZoneStatus TermInfo WorkforcePersonal

Table A.15-1: SIF\_ResponseObjectType

## A.16 SIF\_SubscribeObjectNamesType

The SIF object names that can be specified in a SIF\_Subscribe message.

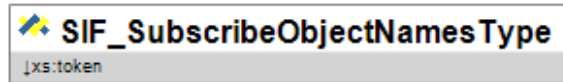


Figure A.16-1: SIF\_SubscribeObjectNamesType

Element/@Attribute	Char	Description	Type
<b>SIF_SubscribeObjectNamesType</b>		The SIF object names that can be specified in a SIF_Subscribe message.	<b>values:</b> AssessmentLearnerSet AssessmentSession ContactPersonal Identity LAInfo LearnerAssessmentResponseSet LearnerAssessmentResult LearnerAttendance LearnerAttendanceSummary LearnerContact LearnerExclusion LearnerGroupEnrolment LearnerPersonal LearnerSchoolEnrolment LearnerSpecialNeeds PersonPicture SchoolGroup SchoolGroupType SchoolInfo SIF_AgentACL SIF_LogEntry SIF_ZoneStatus TermInfo WorkforcePersonal

Table A.16-1: SIF\_SubscribeObjectNamesType

## A.17 URIOrBinaryType

Allows for a URL or a Base-64 encoding.



Figure A.17-1: URIOrBinaryType

Element/@Attribute	Char	Description	Type
URIOrBinaryType		Allows for a URL or a Base-64 encoding.	<b>union of:</b> xs:anyURI xs:base64Binary

Table A.17-1: URIOrBinaryType

## A.18 VersionType

A SIF version number.



Figure A.18-1: VersionType

Element/@Attribute	Char	Description	Type				
VersionType		A SIF version number.	xs:token <table border="1"> <tr> <td>xs:pattern</td> <td>[0-9]+[.][0-9]+(r[0-9]+)?</td> </tr> <tr> <td>xs:maxLength</td> <td>12</td> </tr> </table>	xs:pattern	[0-9]+[.][0-9]+(r[0-9]+)?	xs:maxLength	12
xs:pattern	[0-9]+[.][0-9]+(r[0-9]+)?						
xs:maxLength	12						

Table A.18-1: VersionType

## A.19 VersionWithWildcardsType

A SIF version number, with wildcards for matching multiple versions.

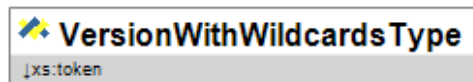


Figure A.19-1: VersionWithWildcardsType

Element/@Attribute	Char	Description	Type				
VersionWithWildcardsType		A SIF version number, with wildcards for	xs:token <table border="1"> <tr> <td>xs:pattern</td> <td>\* ([0-9]+[.]\*) ([0-9]+[.][0-9]+r\*) ([0-9]+[.][0-9]</td> </tr> <tr> <td>xs:maxLength</td> <td>12</td> </tr> </table>	xs:pattern	\* ([0-9]+[.]\*) ([0-9]+[.][0-9]+r\*) ([0-9]+[.][0-9]	xs:maxLength	12
xs:pattern	\* ([0-9]+[.]\*) ([0-9]+[.][0-9]+r\*) ([0-9]+[.][0-9]						
xs:maxLength	12						

Element/@Attribute	Char	Description	Type
		matching multiple versions.	

*Table A.19-1: VersionWithWildcardsType*

# Appendix B: Code Sets

Select shared and named code sets defined in SIF are included here for reference.

## Infrastructure

### Status Code

0	Success (ZIS ONLY). SIF_Status/SIF_Data may contain additional data.
1	Immediate SIF_Ack (AGENT ONLY). Message is persisted or processing is complete. Discard the referenced message.
2	Intermediate SIF_Ack (AGENT ONLY). Only valid in response to SIF_Event delivery. Invokes Selective Message Blocking. The event referenced must still be persisted, and no other events must be delivered, until the agent sends a "Final" SIF_Ack at a later time.
3	Final SIF_Ack (AGENT ONLY). Sent (a SIF_Ack with this value is never returned by an agent in response to a delivered message) by an agent to the ZIS to end Selective Message Blocking. Discard the referenced event and allow for delivery of other events.
7	Already have a message with this SIF_MsgId from you.
8	Receiver is sleeping.
9	No messages available. This is returned when an agent is trying to pull messages from a ZIS and there are no messages available.

### Error Category

The following table describes the functional areas where an error may occur in SIF. When a SIF\_Error element is returned within a SIF\_Ack message, the SIF\_Error/SIF\_Category element **MUST** contain one of the values from the table.

The next tables present the error codes that must be used when constructing a SIF\_Error element. The value of SIF\_Error/SIF\_Code must come from these lists unless the functional category is System where error codes not defined in these tables can be included.

0	Unknown (This should NEVER be used if possible)
1	XML Validation
2	Encryption
3	Authentication
4	Access and Permissions
5	Registration
6	Provision
7	Subscription
8	Request and Response
9	Event Reporting and Processing
10	Transport
11	System (OS, Database, Vendor localized, etc.)
12	Generic Message Handling

13	SMB Handling
----	--------------

### XML Validation Error

1	Generic error
2	Message is not well-formed
3	Generic validation error
4	Invalid value for element/attribute
6	Missing mandatory element/attribute

### Encryption Error

1	Generic error
---	---------------

### Authentication Error

1	Generic error
2	Generic authentication error (with signature)
3	Missing sender's certificate
4	Invalid certificate
5	Sender's certificate is not trusted
6	Expired certificate
7	Invalid signature
8	Invalid encryption algorithm (only accepts MD4)
9	Missing public key of the receiver (when decrypting message)
10	Missing receiver's private key (when decrypting message)

### Access and Permission Error

1	Generic error
2	No permission to register
3	No permission to provide this object
4	No permission to subscribe to this SIF_Event
5	No permission to request this object
6	No permission to respond to this object request
7	No permission to publish SIF_Event
8	No permission to administer policies
9	SIF_SourceId is not registered
10	No permission to publish SIF_Event Add
11	No permission to publish SIF_Event Change



12	No permission to publish SIF_Event Delete
----	-------------------------------------------

## Registration Error

1	Generic error
2	The SIF_SourceId is invalid
3	Requested transport protocol is unsupported
4	Requested SIF_Version(s) not supported.
6	Requested SIF_MaxBufferSize is too small
7	ZIS requires a secure transport
9	Agent is registered for push mode (returned when a push-mode agent sends a SIF_GetMessage).
10	ZIS does not support the requested Accept-Encoding value.

## Provision Error

1	Generic error
3	Invalid object
4	Object already has a provider (SIF_Provide message)

## Subscription Error

1	Generic error
3	Invalid object

## Request and Response Error

1	Generic error
3	Invalid object
4	No provider
7	Responder does not support requested SIF_Version
8	Responder does not support requested SIF_MaxBufferSize
9	Unsupported query in request
10	Invalid SIF_RequestMsgId specified in SIF_Response
11	SIF_Response is larger than requested SIF_MaxBufferSize
12	SIF_PacketNumber is invalid in SIF_Response
13	SIF_Response does not match any SIF_Version from SIF_Request
14	SIF_DestinationId does not match SIF_SourceId from SIF_Request
15	No support for SIF_ExtendedQuery
16	SIF_RequestMsgId deleted from cache due to timeout
17	SIF_RequestMsgId deleted from cache by administrator

18	SIF_Request cancelled by requesting agent
----	-------------------------------------------

## Event Reporting and Processing Error

1	Generic error
3	Invalid event

## Transport Error

1	Generic error
2	Requested protocol is not supported
3	Secure channel requested and no secure path exists
4	Unable to establish connection

## System Error

1	Generic error
---	---------------

## Generic Message Handling Error

1	Generic error
2	Message not supported
3	Version not supported
4	Context not supported
5	Protocol error
6	No such message (as identified by SIF_OriginalMsgId)
7	Multiple contexts not supported

## SMB Error

1	Generic error
2	SMB can only be invoked during a SIF_Event acknowledgement
3	Final SIF_Ack expected from Push-Mode Agent
4	Incorrect SIF_MsgId in final SIF_Ack

## SIF\_LogEntry

### Agent Error Condition

1	An exception has occurred in the agent (generic error)
---	--------------------------------------------------------

## Data Issues with Failure Result

1	Insufficient information in message
2	Cannot process change due to business rule
3	Related information unavailable

## Data Issues with Success Result

1	Data was changed to complete request successfully
2	Data was added to complete request successfully

## Success Category

1	Success
---	---------

## ZIS Error Condition

1	An exception has occurred in the ZIS (generic error)
2	Message could not be delivered due to buffer size limitations
3	Message could not be delivered due to minimum security requirements
4	Message could not be delivered due to destination agent not supporting SIF_Version
5	Message could not be delivered due to SIF_Response validation

## UK

### Absence Category

MAT	Maternity /Paternity leave
OTH	Other paid authorised absence, e.g. compassionate leave
PUB	Paid absence for public duties
SEC	Secondment
SIC	Sickness
TRN	Training
UNA	Unauthorised absence
UNP	Unpaid, authorised absence

### Additional Payment Type

ACT	Acting
GTC	GTC subscription
INS	INSET

LFR	London Fringe Weighting (Support Staff)
LIN	Inner London Weighting (Support Staff)
LOT	Outer London Weighting (Support Staff)
MAL	Management Allowances
OOS	Out of School Activities
OTH	Other
RAR	Recruitment and Retention
RCA	Recruitment Incentive (Other)
RCC	Recruitment Incentive (One Off Payment)
RCP	Recruitment Incentive (Pay)
RES	Residential duties
SEN	SEN Allowances
TLR	Teaching and Learning Responsibility Payments
UQT	Unqualified Teachers
WEL	Welcome Back

### Admissions Aptitude Code

DT	Design Technology or IT
ML	Modern Foreign Languages
OT	Other
PA	Performing Arts
PE	Physical Education or Sport
VA	Visual Arts

### Admissions Notify Method

E	Email
L	Letter
O	Online
T	SMS/Text message

### Admissions Offer Status

D	Discard (higher preference offered)
N	No offer
O	Offer
W	Withdraw Previous Offer

### Admissions Preband Category

1A	Band 1A (Highest)
1B	Band 1B
2A	Band 2A
2B	Band 2B
3	Band 3 (Lowest)
U	Band Unknown

### Admissions Reason Code

APTD	Aptitude
COED	Coeducational School
CTCH	Catchment Area
DIST	Distance
FEED	Feeder School
MEDL	Medical
OTHR	Other
RLGN	Religion
SIBL	Sibling
SOCL	Social Reasons
SSEX	Single Sex School
TRAV	Travelling Time

### ADT File Status Type

Change	A 'Change' value means that all data previously supplied (apart from the Application Reference) are to be deleted and only the data in the change file to be used for pupils in the file.
Late	The records in this file type are considered as late by the Home LAs criteria.
Prime	These files contain completely new data and should be considered the complete application for the student.
Suspended	This is a precautionary status, as it is not known when it might be used. These records should go to suspense, as it is not possible to know what to do with them if the condition cannot be determined.
Withdrawal	These files advise the LA or Own Admission Authority school that an application should be noted as withdrawn for a pupil who moves away from the LA during the admissions process.

### Advice and Assessment (Wales)

AA1	School based assessment
AA2	External advice/assessment
AA3	Specialised assessments
AA4	Multu-agency assessments

### Alternative Tuition Provision Type

HSP	Hospital
IND	Independent School
NMS	Non-maintained Special School
NOT	Not a School

## Assessment Method

Method used to assess learner.

DD	Disapplied
NA	Not assessed
TA	Teacher Assessment
TT	Task / Test

## Assessment Result Qualifier

The expected format or type associated with an assessment result.

AG	Age score
CM	Comment
EG	Examination/Post-14 Qualification Grade
EL	EAL Assessment Level (Pre NC Level 2)
FC	Foundation Stage Profile Count
FD	Foundation Stage Profile Detail
FS	Foundation Stage Profile Score
IA	International Baccalaureate Assessment
IG	International Baccalaureate Grade Point
IR	International Baccalaureate Final Result
IS	International Baccalaureate Aggregate Grade Points
LG	Letter grade / mark
ML	Mastery level
NA	National Curriculum Age Standardised Score
NC	Normal curve equivalent score
ND	National Curriculum Level (Decimalised)
NF	National Curriculum Level with Fine Grading
NL	National Curriculum Level
NM	National Curriculum Task/Test Mark
NM	National Curriculum Task/Test Mark
NP	SEN Assessment Level (P Scale)
NR	National Curriculum Test Raw Score
NS	National Curriculum Summary (Aggregate) Mark
NS	National Curriculum Summary (Aggregate) Mark

OT	Other
PC	Percentile
PF	Pass/fail
PR	Percentile rank
RA	Ranking
RS	Raw score
SA	Standard age score
SC	Scale score

## Assessment Result Status

An indicator for how the result was derived or achieved.

E	Estimate
I	Interim
P	Provisional (subject to regarding/appeal)
R	Result
T	Target

## Assessment Stage

The common values associated with assessment stages.

EAL	English as an Additional Language Level of Acquisition (locale: E)
FSP	Foundation Stage Profile (locale: E)
K1T	Key Stage 1 Trial (Historical) (locale: E)
K2P	Key Stage 2 Progression Tests (Pilot) (locale: E)
K3P	Key Stage 3 Progression Tests (Pilot) (locale: E)
KS0	Baseline Assessment (locale: E)
KS1	Key Stage 1 (End of) (locale: E)
KS2	Key Stage 2 (End of) (locale: E)
KS3	Key Stage 3 (End of) (locale: E)
KS4	GCSE / GNVQ / Other Approved Awards (locale: E)
KS5	A Level/AS Level/Advanced GNVQ/Other Advanced Studies (locale: E)
P2	Primary 2 (locale: S)
P3	Primary 3 (locale: S)
P4	Primary 4 (locale: S)
P5	Primary 5 (locale: S)
P6	Primary 6 (locale: S)
P7	Primary 7 (locale: S)
S1	Secondary 1 (locale: S)
S2	Secondary 2 (locale: S)

SEN	P-Scale Assessment for SEN children (locale: E)
W09	World Class Tests – Aged 9 (locale: E)
W13	World Class Tests – Aged 13 (locale: E)
Y03	Year 3 Optional Tests / Teacher Assessments (locale: E)
Y04	Year 4 Optional Tests / Teacher Assessments (locale: E)
Y05	Year 5 Optional Tests / Teacher Assessments (locale: E)
Y07	Year 7 Optional Tests / Teacher Assessments (locale: E)
Y08	Year 8 Optional Tests / Teacher Assessments (locale: E)
Y4X	Year 4 Optional Tests (1997 Based) (locale: E)
Y7P	Year 7 Progress Tests (locale: E)

## Assessment Subject

The subject area being assessed.

ARA	Arabic (locale: E)
ART	Art and Design (locale: E W)
BEN	Bengali (locale: E)
CHI	Chinese (locale: E)
CLL	Communication Language & Literacy (locale: E)
CRE	Creative Development (locale: E)
CYM	Welsh (locale: W)
DAN	Danish (locale: E)
DAT	Design and Technology (locale: E W)
DUT	Dutch (locale: E)
ENG	English (locale: E S W)
FIN	Finnish (locale: E)
FRE	French (locale: E)
FSP	Foundation Stage Profile (Total) (locale: E)
GAE	Gaelic / Gaidhlig (locale: S)
GEO	Geography (locale: E W)
GER	German (locale: E)
GRE	Modern Greek (locale: E)
GUJ	Gujarati (locale: E)
HEB	Modern Hebrew (locale: E)
HIS	History (locale: E W)
ICT	Information & Communication Technology (locale: E W)
ITA	Italian (locale: E)
JAP	Japanese (locale: E)
KUW	Knowledge & Understanding of World (locale: E)
MAT	Mathematics / Mathematical Development (locale: E S W)



MFL	Modern Foreign Language (locale: E W)
MUS	Music (locale: E W)
PAN	Panjabi (locale: E)
PED	Physical Education (locale: E W)
PHY	Physical Development (locale: E)
POR	Portuguese (locale: E)
PSE	Personal Social & Emotional Development (locale: E)
PSH	Personal Social & Health Education (PSHE) (locale: E)
RUS	Russian (locale: E)
SCI	Science (locale: E W)
SPA	Spanish (locale: E)
SWE	Swedish (locale: E)
TUR	Turkish (locale: E)
URD	Urdu (locale: E)
WEL	Welsh (locale: E W)

### Assignment Post

ADMC	Administrator / Clerk
ADVT	Advisory teacher (unattached)
ARTD	Art &/or Design Technician
ASHT	Assistant head
ATTN	Attendance Officer
BILN	Bilingual Support Assistant
BURS	Bursar
BUSS	Business Manager
CART	Creative Arts Specialist
CATR	Other Catering Staff
CLNR	Cleaner
COOK	Cook
COVR	Cover Supervisor
CTKR	Caretaker
CXPA	Connexions Personal Adviser
DATA	Data Manager / Analyst
DPHT	Deputy head
EDWO	Education Welfare Officer
EPSY	Educational Psychologist
ESCT	Escort
EXAM	Examinations Officer
FINC	Finance Officer

HDHO	Head of House
HDPT	Head of Department
HDTR	Head teacher
HDYR	Head of Year
HLTA	Higher Level Teaching Assistant
HSLO	Home-School Liaison Officer
ICTM	ICT Network Manager
ICTT	ICT Technician
INST	Instructor
INVG	Exam Invigilator
LANG	Language support
LIBR	Librarian
LITR	Literacy Worker
LMEN	Learning Mentor
LRNM	Learning Manager
LSEN	Learning Support Assistant (for SEN pupils)
MIDA	Midday Assistant
MIDS	Midday Supervisor
MINS	Minority ethnic support
MISC	Miscellaneous Teaching Service for the LEA
MUSC	Music tuition (include peripatetic)
MUSS	Music Specialist
NNSE	Nursery Nurse
NURS	Nurse
OICT	Other ICT Support Staff
OMAN	Office Manager
PAHT	Personal Assistant to Headteacher
PERI	Peripatetic Teacher (unattached)
PREM	Premises Manager
RECP	Receptionist
RPRG	Reprographics Technician
SENC	SEN co-ordinator
SPLY	LEA Supply Pool
SSEC	School Secretary
STCH	Science Technician
TASS	Teaching Assistant
TCHR	Classroom Teacher
THER	Therapist
TMIS	Teacher: engaged to teach in miscellaneous establishments
TNON	Teacher: engaged for non-school education

TPRU	Teacher: engaged to teach in a Pupil Referral Unit
TRAV	Traveller support
TTCH	Technology Technician
VOLN	Volunteer
WELF	Welfare Assistant

## Attendance Code

#	School closed to pupils - not counted in possible attendances
/	Present (AM)
\	Present (PM)
B	Approved education activity as pupil being educated off site (not dual registration)
C	Authorised absence as pupil is absent due to other authorised circumstances, including Public performances and employment (licensed under regulations), family bereavement, special occasions (in limited circumstances), absences when Traveller children are attending another school.
D	Approved education activity as pupil is dual registered (i.e. attending another establishment)
E	Authorised absence as pupil is excluded, with no alternative provision made
F	Authorised absence due to agreed extended family holiday
G	Unauthorised absence as pupil is on a family holiday, not agreed, or is taking days in excess of an agreed family holiday
H	Authorised absence due to agreed family holiday
I	Authorised absence due to Illness (NOT medical or dental etc. appointments)
J	Approved education activity as pupil is attending interview
K	Unknown - used as a placeholder in lieu of valid data. Assumed to be authorised and present until otherwise proven or changed.
L	Late (before registers closed) marked as present
M	Authorised absence due to medical / dental appointments
N	Unauthorised absence as pupil missed sessions for a reason that has not yet been provided
O	Unauthorised absence as pupil missed sessions for an unauthorised absence not covered by any other code/description
P	Approved education activity as pupil is attending an approved sporting activity
R	Authorised absence due to religious observance
S	Authorised absence due to study leave
T	Authorised absence due to traveller absence
U	Unauthorised absence as pupil arrived after registers closed
V	Approved education activity as pupil is away on an educational visit or trip
W	Approved education activity as pupil is attending work experience
X	Non-compulsory school age absence - not counted in possible attendances
Y	Enforced closure - not counted in possible attendances
Z	Pupil not yet on roll - not counted in possible attendances

## Attendance Domain

Both	Domain applies to both lessons and sessions
Lesson	Domain is recorded for a lesson only
Session	Domain is recorded for a session only

### Attendance Session

AM	AM Session
NA	Not Applicable
PM	PM Session

### Attendance Source

BIO	Biometric device
HU	Human other than workforce member
OT	Other non-human input source
WF	Workforce Member

### Basic Skills Support (Wales)

00	Does not require support
01	Specialist literacy support only
02	Specialist numeracy support only
03	specialist literacy and numeracy support
04	other literacy support
05	other numeracy support
06	other literacy and numeracy support
07	Needs support but has not/will not receive support
90	Basic Skills needs not assessed

### Birth Date Verification Level

0	Not Verified
1	One or more of the following Secondary certificates: Certificate of Baptism; Marriage Certificate; National Health Service Medical Card; Child's Certificate of Vaccination; Child's Health Record Card; A certificate of Service in HM Forces or other employment under the Crown or in the Mercantile Marine; A certificate of membership of a Trade Union Friendly Society or any cards or papers relating to membership of an Approved Society or Unemployment Insurance Apprenticeship indentures; Early certificate or testimonial from employer; Aliens registration card, certificate of naturalisation, Home Office travel document or a passport; Life insurance policy; Certificate of confirmation; School certificate or report; A birthday book or old family record; Family Bible containing a record of birth.
2	One of the following: Full certificate; Birth certificate short form; Certificate of registry showing given names and family name; GRO copy; Adoption Order issued by the High Court, County Court or Juvenile Court; Certificate of adoption issued by the GRO; Foreign birth certificate issued by registration authority of the foreign country.

## Boarder Type

6	Boarder, six nights or less a week
7	Boarder, seven nights a week
B	Boarder, nights per week not specified
N	Not a boarder

## Class Type

N	Nursery Class (England), Nursery Class (not a Special Class/Unit) (Wales)
O	Not a Nursery Class (England), Other Class (not a Special Class/Unit) (Wales)
S	Nursery Special Class/Unit (Wales)

## Connexions Agreement

No	Parent or guardian has refused permission
SNR	Sought, No Reply - School has sent out Fair Processing Notices, but has received no reply from parent or guardian (Data can be shared with Connexions)
UNS	Unsought - School has not yet sent out Fair Processing Notices (Data cannot be shared with Connexions)
Yes	Permission has been given by the parent or guardian

## Curriculum and Teaching Methods (Wales)

CT1	Some targeted differentiation
CT2	Significant and targeted differentiation
CT3	Some curriculum modifications
CT4	Significant curriculum modifications

## Exclusion Reason

BU	Bullying
DA	Drug and alcohol related
DB	Persistent disruptive behaviour
DM	Damage to property
DR	Defiance of rules/ discipline policy
OT	Other
PA	Physical assault against an adult
PP	Physical assault against a pupil
PW	Possession / use of weapon
RA	Racial harrassment/abuse
SM	Sexual misconduct/abuse

TB	Threatening or dangerous behaviour
TH	Theft
VA	Verbal abuse/threatening behaviour against an adult
VP	Verbal abuse/threatening behaviour against a pupil

## Family Structure

A	2 Adults
C	In Residential Care
F	Foster Parents
S	Single Parent
U	Unknown

## General Subject

AAD	Applied Art & Design
ABS	Applied Business Studies
ACC	Accountancy
AHS	Combined Arts / Humanities / Social studies
AIT	Applied ICT
ARA	Arabic
ART	Art & Design / Art
ASC	Applied Science
BEN	Bengali
BIO	Biology / Botany / Zoology / Ecology
CAB	Commercial & Business Studies/Education/Management
CAR	Careers Education
CBE	Construction and Built Environment / Building
CDT	Craft, Design & Technology
CHD	Child Development
CHI	Chinese
CHM	Chemistry
CIT	Citizenship
CLS	Classics
COM	Communication Studies
COS	Community Studies
CSB	Combined/General Science - Biology
CSC	Combined/General Science - Chemistry
CSP	Combined/General Science - Physics
CYM	Cymraeg/Welsh (as First Language)

DAN	Danish
DAT	Design and Technology
DNC	Dance
DRA	Drama
DTE	Design and Technology - Electronics
DTF	Design and Technology - Food Technology
DTG	Design and Technology - Graphics
DTR	Design and Technology - Resistant Materials
DTS	Design and Technology - Systems & Control
DTT	Design and Technology - Textiles
DUT	Dutch
ECO	Economics
EDU	Education
ENG	English
ENR	Engineering
ENV	Environmental Science/Studies
EUR	European Studies
FIN	Finnish
FRE	French
GEN	General Studies
GEO	Geography
GER	German
GLG	Geology
GPL	Government & Politics
GRC	Greek (Classical)
GRE	Greek (Modern)
GUJ	Gujerati
HAC	Hospitality and Catering
HBB	Hebrew (Biblical)
HEB	Hebrew (Modern)
HIN	Hindi
HIS	History
HSC	Health and Social Care
HUM	Humanities
ICT	Information & Communication Technology
IND	Industrial Studies
ITA	Italian
JAP	Japanese
KSK	Key Skills (Only if <KeyStage> = 4)
LAE	Land & Environment / Agriculture

LAT	Latin
LAW	Law
LIF	Life Skills
LTT	Leisure, Travel and Tourism
MAT	Mathematics
MED	Media Studies
MFL	Modern Foreign Language
MNF	Manufacturing
MUS	Music
OBC	Other Business / Commercial Subject
OCL	Other Classical Studies/Language
OHU	Other Humanities
OLA	Other Language Subject
OMA	Other Mathematical Subject
OPH	Other Physical Subject
OPR	Other Aesthetic / Practical Subject
OSC	Other Sciences
OSS	Other Social Studies
OTE	Other Technological Subject
OTH	Other (not otherwise specified)
OVO	Other Vocational Subject
PAN	Panjabi
PED	Physical Education / Sports
PER	Performing Arts
PHL	Philosophy
PHY	Physics
POR	Portuguese
PRI	Primary Curriculum
PSH	Personal Social & Health Education (PSHE)
PSY	Psychology
REL	Religious Education
RUS	Russian
RWD	Retail, Warehousing & Distribution
SCI	Science
SEN	Special Educational Needs
SOC	Sociology
SPA	Spanish
SSS	Social Studies/Science
STA	Statistics
SWE	Swedish



TDG	Technical Drawing/Graphics
TUR	Turkish
UFA	Under-5 Activities
URD	Urdu
VNW	Any new GCSE in a vocational subject
WEL	Welsh

### Governance Type

CA	Academies (England only)
CO	Community
CT	City Technology College (England only)
FO	Foundation
IN	Independent
NM	Non-maintained (England only)
VA	Voluntary Aided
VC	Voluntary Controlled

### Group Role

ACD	Academic (Additional code for use in the Learning Platform)
ADM	Administrator (Additional code for use in the Learning Platform)
AHT	Assistant head
AST	Advanced Skills Teacher
AVT	Advisory Teacher
DHT	Deputy head
EPS	Educational Psychologist
EXL	Excellent Teacher
GOV	Governor (Additional code for use in the Learning Platform)
HDT	Head teacher
OTH	Other (Additional code for use in the Learning Platform)
SUP	Support staff
TCH	Classroom teacher
VOL	Volunteer (Additional code for use in the Learning Platform)

### Grouping and Support (Wales)

GS1	Occasional additional support in class
GS2	Targeted and sustained additional support
GS3	Small group class provision

GS4	Mostly small group provision
-----	------------------------------

## In Care Type

CH	Children's Home
FT	Fostered
OT	Other
PA	Placed for adoption
WP	With parents

## Language Study

1	Taught as a first language
2	Taught as a second language
3	Taught other language
4	Not taught language at all
5	Disapplied from curriculum by SEN statement

## Learner Enrolment Status

C	Current (single registration at this school)
G	Guest (pupil not registered at this school but attending some lessons or sessions)
M	Current Main (dual registration)
P	Previous
S	Current Subsidiary (dual registration)

## Learner Identity

BRI	British
ENG	English
IRE	Irish
NOS	Not Supplied
OTH	Other
REF	Refused
SCO	Scottish
WAL	Welsh

## Leaving Destination

EM	Employment
FE	General FE, tertiary and specialist colleges

HE	Higher education institutions
IP	Independent primary school
IS	Independent secondary school
MP	Maintained primary school
MS	Maintained secondary school
NK	Other/Not Known
SC	6th Form College
WL	Work based Learning

## Leaving Reason

DD	Deceased
EM	Emigration
EO	Education other than at school/college
FE	Further Education (Leaver)
FM	First to Middle Phase Transfer
HE	Higher Education (Leaver)
IJ	Infant to Junior/Primary Phase Transfer
JS	Junior/Primary to Secondary Phase Transfer
MD	Military deployment of parent(s)
MS	Middle to Secondary Phase Transfer
NI	Nursery to Infant
OS	Other School Sixth Form (Leaver)
OT	Other/Unknown
PE	Permanent Exclusion
ST	School Transfer (Mid-Year)
TR	Training (Leaver)
UN	Unemployment (Leaver)
WK	Employment (Leaver)

## Locale

Acceptable values for locale or region.

E	England
N	Northern Ireland
O	Other
S	Scotland
W	Wales/Cymru

## Marital Status

D	Divorced
M	Married
N	Not disclosed
P	Separated
S	Single
W	Widowed

## NC Year Group

1	Year 1
2	Year 2
3	Year 3
4	Year 4
5	Year 5
6	Year 6
7	Year 7
8	Year 8
9	Year 9
10	Year 10
11	Year 11
12	Year 12
13	Year 13
14	Year 14
M	Mixed Year Class - available for School Census Class Information
N1	Nursery first year
N2	Nursery second year
R	Reception
X	National Curriculum not followed available only for Special Schools where pupils are not following a particular NC Year

## Operational Status

1	Open
2	Closed
3	Open, but proposed to close
4	Proposed to open
5	De-registered as EY Setting

## Phase Type

EY	Early Years Setting
----	---------------------

MP	Middle (Deemed Primary)
MS	Middle (Deemed Secondary)
NO	No Establishment (for children not on any establishment roll)
NY	Nursery
PR	Pupil Referral Unit (PRU)
PY	Primary
SP	Special
SY	Secondary
XX	Multiple phases (not Middle, Special, or PRU)

## Phone Type

A	Alternate Home
D	Minicom (hearing impaired/disabled)
F	Fax
H	Home
M	Mobile
W	Work

## Relationship

ASWR	Agency representative
CARE	Carer
CHMR	Childminder
DEPD	Dependent
DOCT	Doctor
EMPY	Employer
FAAP	Adoptive parents
FAAS	Adopted son
FABH	Brother, half
FABI	Brother-in-law
FABN	Brother, natural/adoptive
FABS	Brother, step
FADF	Foster daughter
FADI	Daughter-in-law
FADR	Daughter
FAFF	Father, foster
FAFI	Father-in-law
FAFN	Father, natural/adoptive
FAFO	Father's significant other

FAFS	Father, step
FAGA	Great aunt
FAGD	Granddaughter
FAGF	Grandfather
FAGM	Grandmother
FAGS	Grandson
FAGU	Great uncle
FALP	Life partner
FAMF	Mother, foster
FAMH	Husband
FAMI	Mother-in-law
FAMN	Mother, natural/adoptive
FAMO	Mother's significant other
FAMS	Mother, step
FANC	Niece
FANW	Nephew
FAOT	Family member
FAPF	Foster parent
FAPP	Life partner of parent
FASF	Foster son
FASH	Sister, half
FASI	Sister-in-law
FASN	Sister, natural/adoptive
FASO	Son
FASP	Stepson
FASS	Sister, step
FASW	Son-in-law
FNCF	Fiance
FNCM	Fianc
FRND	Friend
GUAR	Court appointed guardian
HTCR	Head Teacher
NONE	None
OREL	Other relative
OTHR	Other
PREH	Former husband
PREW	Former wife
PROB	Probation officer
PTNP	Partner of parent
PTNR	Partner

RELA	Aunt
RELC	Cousin
RELG	Minister or priest
RELU	Uncle
SIGO	Significant other
SWKR	Social Worker
TADV	Advisor
WARD	Ward
WIFE	Wife

## Religious Affiliation

BA	Baptist
BU	Buddhist
CE	Church of England
CH	Christian
CO	Congregational
EC	Christian (Ecumenical)
FR	Free Church
GR	Greek Orthodox
HI	Hindu
JE	Jewish
JW	Jehovah's Witness
LU	Lutheran
ME	Methodist
MO	Mormon
MU	Muslim
ND	Non-denominational/Secular
NO	No religion
OT	Other Religious Affiliation
QU	Quaker
RC	Roman Catholic
RF	Refused
RU	Russian Orthodox
SA	Salvation Army
SD	Seventh Day Adventist
SI	Sikh
UR	United Reform Church

## School Type

01	First school, 5-8
02	First school, 5-9
03	First school, 5-10
04	First and Middle school, 5-12
05	Middle school, 8-12, deemed Primary
06	Middle school, 9-13, deemed Primary
07	Middle school, 9-13, deemed Secondary
08	Middle school, 10-13, deemed Secondary
09	Comprehensive Upper school, 12-15/16
10	Comprehensive Upper school, 12-18
11	Comprehensive Upper school, 13-16
12	Comprehensive Upper school, 13-18
16	Infant school, 5-7/8
17	Junior school, 7/8-11
18	Infant and Junior school, 5-11
21	Comprehensive all-through, 11-16
22	Comprehensive all-through, 11-18
25	Junior Comprehensive, 11-13, automatic transfer
26	Junior Comprehensive, 11-14, automatic transfer
27	Junior Comprehensive, 11-16, optional transfer at 13
28	Junior Comprehensive, 11-16, optional transfer at 14
29	Senior Comprehensive, 13-16, automatic transfer
30	Senior Comprehensive, 13-18, optional transfer
31	Senior Comprehensive, 13-18, automatic transfer
32	Senior Comprehensive, 14-18, optional transfer
33	Senior Comprehensive, 14-18, automatic transfer
36	Non-Comprehensive Secondary - Modern
37	Non-Comprehensive Secondary - Grammar
38	Non-Comprehensive Secondary - Technical
39	Non-Comprehensive Secondary - Other
41	Middle school, 10-14, deemed Secondary
42	First school, 5-7;
43	First school, 7-10;
44	Comprehensive Upper school, 14/15-18
45	Middle school, 9-12, deemed Primary
46	Comprehensive, Middle and Upper, 10-16
47	City Technology College
48	Comprehensive Upper school, 11-16
49	Academies
50	Maintained Nursery



## SEN Provision

A	School Action or Early Years Action
N	No Special Educational Need
P	School Action Plus or Early Years Action Plus
S	Statement

## SEN Type

ASD	Autistic Spectrum Disorder
BESD	Behaviour, Emotional & Social Difficulties
DNA	Does not apply (Wales)
HI	Hearing Impairment
MLD	Moderate Learning Difficulty
MSI	Multi-Sensory Impairment
OTH	Other Difficulty/Disability (England)
PD	Physical Disability (England)
PMED	Physical and Medical Difficulties (Wales)
PMLD	Profound & Multiple Learning Difficulty
SLCD	Speech, Language and Communication Difficulties (Wales)
SLCN	Speech, Language and Communication Needs (England)
SLD	Severe Learning Difficulty
SPLD	Specific Learning Difficulty
VI	Visual Impairment

## Source Code

C	Provided by the child (ie pupil)
O	Other
P	Provided by the parent
S	Ascribed by the current school
T	Ascribed by a previous school

## Specialised Resources (Wales)

SR1	Periodic access to standard equipment
SR2	Individual access to normally available equipment
SR3	Individual access to specialised equipment

SR4	Dedicated access to highly specialised equipment
-----	--------------------------------------------------

### Traveller/Gypsy Code

GH	Gypsy/Roma (Housed)
GT	Gypsy/Roma (Travelling)
NT	Not a Traveller
OT	Occupational Traveller
TR	Traveller (Other)

### Tuition Category

HP	Alternative Tuition at Home by Parents/Carers
IL	Alternative Tuition by LA because of Illness
OR	Alternative Tuition by LA for Other Reason
PE	Alternative Tuition by LA because of Permanent Exclusion

### Tuition Hours

A	5 hours or less
B	6-12 hours
C	13-19 hours
D	20 hours or more

### Usual Mode of Travel

The usual mode of travel used by a learner to get to and from school.

BNK	Bus (type not known)
CAR	Car/Van
CRS	Car Share (with a child/children from a different household)
CYC	Cycle
DSB	Dedicated school bus
LUL	London Underground
MTL	Metro/Tram/Light Rail
OTH	Other
PSB	Public service bus
TRN	Train
TXI	Taxi
WLK	Walk

## Appendix C: External Code Sets

All code sets defined by external bodies and referenced within SIF are included here for reference. The left column in each table contains the individual code values that are used in SIF elements and attributes that reference these code sets. These sets of code values are closed and normative for a given version of this specification. Including codes not provided here in corresponding SIF elements and attributes can lead to XML validation errors in installations where the zone integration server or any agent is validating XML messages; the SIF data model allows for locally-defined codes, where deemed appropriate, in the `OtherCodeList` element. The right column of each table may provide a textual equivalent or description of the corresponding code, and is provided for informational purposes only. The referenced sources for these code sets serve as the authorities for all descriptions and semantics, and for the definition and maintenance of the code set values themselves. In each release of this specification SIFA endeavors to synchronize referenced code sets with updates from external sources.

### International Standards Organization (ISO)

#### 4217 Currency names and code elements

AED	UAE Dirham
AFN	Afghani
ALL	Lek
AMD	Armenian Dram
ANG	Netherlands Antillian Guikder
AOA	Kwanza
ARS	Argentine Peso
AUD	Australian Dollar
AWG	Aruban Guilder
AZN	Azerbaijani Manat
BAM	Convertible Marks
BBD	Barbados Dollar
BDT	Taka
BGN	Bulgarian Lev
BHD	Bahraini Dinar
BIF	Burundi Franc
BMD	Bermudian Dollar (customarily known as Bermuda Dollar)
BND	Brunei Dollar
BOB	Boliviano
BOV	Mvdol
BRL	Brazilian Real
BSD	Bahamian Dollar
BTN	Ngultrum
BWP	Pula
BYR	Belarussian Ruble
BZD	Belize Dollar

CAD	Canadian Dollar
CDF	Franc Congolais
CHE	WIR Euro
CHF	Swiss Franc
CHW	WIR Franc
CLF	Unidades de formento
CLP	Chilean Peso
CNY	Yuan Renminbi
COP	Colombian Peso
COU	Unidad de Valor Real
CRC	Costa Rican Colon
CSD	Serbian Dinar
CUP	Cuban Peso
CVE	Cape Verde Escudo
CYP	Cyprus Pound
CZK	Czech Koruna
DJF	Djibouti Franc
DKK	Danish Krone
DOP	Dominican Peso
DZD	Algerian Dinar
EEK	Kroon
EGP	Egyptian Pound
ERN	Nakfa
ETB	Ethiopian Birr
EUR	Euro
FJD	Fiji Dollar
FKP	Falkland Islands Pound
GBP	Pound Sterling
GEL	Lari
GHC	Cedi
GIP	Gibraltar Pound
GMD	Dalasi
GNF	Guinea Franc
GTQ	Quetzal
GWP	Guinea-Bissau Peso
GYD	Guyana Dollar
HKD	Hong Kong Dollar
HNL	Lempira
HRK	Croatian Kuna
HTG	Gourde

HUF	Forint
IDR	Rupiah
ILS	New Israeli Sheqel
INR	Indian Rupee
IQD	Iraqi Dinar
IRR	Iranian Rial
ISK	Iceland Krona
JMD	Jamaican Dollar
JOD	Jordanian Dinar
JPY	Yen
KES	Kenyan Shilling
KGS	Som
KHR	Riel
KMF	Comoro Franc
KPW	North Korean Won
KRW	Won
KWD	Kuwaiti Dinar
KYD	Cayman Islands Dollar
KZT	Tenge
LAK	Kip
LBP	Lebanese Pound
LKR	Sri Lanka Rupee
LRD	Liberian Dollar
LSL	Loti
LTL	Lithuanian Litas
LVL	Latvian Lats
LYD	Libyan Dinar
MAD	Moroccan Dirham
MDL	Moldovan Leu
MGA	Malagascy Ariary
MKD	Denar
MMK	Kyat
MNT	Tugrik
MOP	Pataca
MRO	Ouguiya
MTL	Maltese Lira
MUR	Mauritius Rupee
MVR	Rufiyaa
MWK	Kwacha
MXN	Mexican Peso

MXV	Mexican Unidad de Inversion (UID)
MYR	Malaysian Ringgit
MZN	Metical
NAD	Namibian Dollar
NGN	Naira
NIO	Cordoba Oro
NOK	Norwegian Krone
NPR	Nepalese Rupee
NZD	New Zealand Dollar
OMR	Rial Omani
PAB	Balboa
PEN	Nuevo Sol
PGK	Kina
PHP	Philippine Peso
PKR	Pakistan Rupee
PLN	Zloty
PYG	Guarani
QAR	Qatari Rial
ROL	Old Leu
RON	New Leu
RUB	Russian Ruble
RWF	Rwanda Franc
SAR	Saudi Riyal
SBD	Solomon Islands Dollar
SCR	Seychelles Rupee
SDD	Sudanese Dinar
SEK	Swedish Krona
SGD	Singapore Dollar
SHP	Saint Helena Pound
SIT	Tolar
SKK	Slovak Koruna
SLB	Leone
SOS	Somali Shilling
SRD	Surinam Dollar
STD	Dobra
SVC	El Salvador Colon
SYP	Syrian Pound
SZL	Lilangeni
THB	Baht
TJS	Somoni

TMM	Manat
TND	Tunisian Dinar
TOP	Pa'anga
TRY	New Turkish Lira
TTD	Trinidad and Tobago Dollar
TWD	New Taiwan Dollar
TZS	Tanzanian Shilling
UAH	Hryvnia
UGX	Uganda Shilling
USD	US Dollar
USN	US Dollar (Next day)
USS	US Dollar (Same day)
UYU	Peso Uruguayo
UZS	Uzbekistan Sum
VEB	Bolivar
VND	Dong
VUV	Vatu
WST	Tala
XAF	CFA Franc BEAC
XAG	Silver
XAU	Gold
XBA	Bond Markets Units European Composite Unit (EURCO)
XBB	European Monetary Unit (E.M.U.-6)
XBC	European Unit of Account 9 (E.U.A.-9)
XBD	European Unit of Account 17 (E.U.A.-17)
XCD	East Caribbean Dollar
XDR	SDR
XFO	Gold-Franc
XFU	UIC-Franc
XOF	CFA Franc BCEAO
XPB	Palladium
XPF	CFP Franc
XPT	Platinum
XTS	Code specifically reserved for testing purposes
XXX	Code assigned for transactions where no currency is involved
YER	Yemeni Rial
ZAR	Rand
ZMK	Kwacha
ZWN	Zimbabwe Dollar

# Office of National Statistics [ONS]

## Parish Council Name

00BL001	Blackrod
00BL002	Horwich
00BL003	Westhoughton
00BN001	Ringway
00BP001	Saddleworth
00BP002	Shaw and Crompton
00BS001	Offerton Estate
00BT001	Mossley
00BU001	Carrington
00BU002	Dunham Massey
00BU003	Partington
00BU004	Warburton
00BW001	Haigh
00BW002	Shevington
00BW003	Worthington
00BX001	Cronton
00BX002	Halewood
00BX003	Knowsley
00BX004	Prescot
00BX006	Tarbock
00BX007	Whiston
00BZ001	Billinge Chapel End
00BZ002	Bold
00BZ003	Ecclestone
00BZ004	Rainford
00BZ005	Rainhill
00BZ006	Seneley Green
00BZ007	Windle
00CA001	Aintree Village
00CA002	Ince Blundell
00CA003	Little Altcar
00CA004	Lydiate
00CA005	Maghull
00CA006	Melling
00CA007	Sefton
00CA008	Thornton
00CA009	Hightown



00CA010	Formby
00CC001	Billingley
00CC002	Brierley
00CC003	Cawthorne
00CC004	Dunford
00CC005	Great Houghton
00CC006	Gunthwaite and Ingbirchworth
00CC007	High Hoyland
00CC008	Hunshelf
00CC009	Langsett
00CC010	Little Houghton
00CC011	Oxspring
00CC012	Penistone
00CC013	Shafton
00CC014	Silkstone
00CC015	Stainborough
00CC016	Tankersley
00CC017	Thurgoland
00CC018	Wortley
00CE001	Adwick upon Dearne
00CE002	Armthorpe
00CE003	Askern
00CE004	Auckley
00CE005	Austerfield
00CE006	Barnburgh
00CE007	Barnby Dun with Kirk Sandall
00CE008	Bawtry
00CE009	Blaxton
00CE010	Braithwell
00CE011	Brodsworth
00CE012	Burghwallis
00CE013	Cadeby
00CE014	Cantley
00CE015	Clayton with Frickley
00CE016	Conisbrough Parks
00CE017	Denaby
00CE018	Edenthorpe
00CE019	Edlington
00CE020	Fenwick
00CE021	Finningley

00CE022	Fishlake
00CE023	Hampole
00CE024	Hatfield
00CE025	Hickleton
00CE026	High Melton
00CE027	Hooton Pagnell
00CE028	Kirk Bramwith
00CE029	Loversall
00CE030	Marr
00CE031	Moss
00CE032	Norton
00CE033	Owston
00CE034	Rossington
00CE035	Sprotbrough and Cusworth
00CE036	Stainforth
00CE037	Stainton
00CE038	Sykehouse
00CE039	Thorne
00CE040	Thorpe in Balne
00CE041	Tickhill
00CE042	Wadworth
00CE043	Warmsworth
00CF001	Aston cum Aughton
00CF002	Bramley
00CF003	Brampton Bierlow
00CF004	Brinsworth
00CF005	Catcliffe
00CF006	Dalton
00CF007	Dinnington St. John's
00CF008	Firbeck
00CF009	Gildingwells
00CF010	Harthill with Woodall
00CF011	Hooton Levitt
00CF012	Hooton Roberts
00CF013	Letwell
00CF014	North and South Anston
00CF015	Orgreave
00CF016	Ravenfield
00CF017	Thorpe Salvin
00CF018	Thrybergh

00CF019	Thurcroft
00CF020	Todwick
00CF021	Treeton
00CF022	Ulley
00CF023	Wales
00CF024	Wentworth
00CF025	Whiston
00CF026	Wickersley
00CF027	Woodsetts
00CF028	Laughton-en-le-Morthen
00CF029	Maltby
00CG001	Bradfield
00CG002	Ecclesfield
00CG003	Stocksbridge
00CH001	Birtley
00CH002	Lamesley
00CJ001	Brunswick
00CJ002	Dinnington
00CJ003	Hazlerigg
00CJ004	North Gosforth
00CJ005	Woolsington
00CJ006	Blakelaw and North Fenham
00CM001	Burdon
00CM002	Hetton
00CM003	Warden Law
00CN001	New Frankley in Birmingham
00CQ001	Allesley
00CQ002	Keresley
00CT001	Balsall
00CT002	Barston
00CT003	Berkswell
00CT004	Bickenhill
00CT005	Castle Bromwich
00CT006	Chelmsley Wood
00CT007	Fordbridge
00CT008	Hampton in Arden
00CT009	Hockley Heath
00CT010	Kingshurst
00CT011	Meriden
00CT012	Smith's Wood

00CX001	Addingham
00CX002	Cullingworth
00CX003	Denholme
00CX004	Ilkley
00CX005	Oxenhope
00CX006	Silsden
00CX007	Steeton with Eastburn
00CX008	Haworth, Cross Roads and Stanbury
00CX009	Keighley
00CX010	Clayton
00CX011	Sandy Lane
00CX012	Wilsden
00CX013	Wrose
00CY001	Blackshaw
00CY002	Erringden
00CY003	Hebden Royd
00CY004	Heptonstall
00CY005	Ripponden
00CY006	Todmorden
00CY007	Wadsworth
00CZ001	Denby Dale
00CZ002	Holme Valley
00CZ003	Kirkburton
00CZ004	Meltham
00CZ005	Mirfield
00DA001	Aberford
00DA002	Arthington
00DA003	Austhorpe
00DA004	Bardsey cum Rigton
00DA005	Barwick in Elmet and Scholes
00DA006	Boston Spa
00DA007	Bramham cum Oglethorpe
00DA008	Bramhope
00DA009	Carlton
00DA010	Clifford
00DA011	Collingham
00DA012	East Keswick
00DA013	Great and Little Preston
00DA014	Harewood
00DA015	Ledsham

00DA016	Ledston
00DA017	Lotherton cum Aberford
00DA018	Micklefield
00DA019	Otley
00DA020	Parlington
00DA021	Pool
00DA022	Scarcroft
00DA023	Sturton Grange
00DA024	Swillington
00DA025	Thorner
00DA026	Thorp Arch
00DA027	Walton
00DA028	Wetherby
00DA029	Wothersome
00DA030	Morley
00DA031	Allerton Bywater
00DA032	Horsforth
00DA033	Shadwell
00DA034	Kippax
00DA035	Drighlington
00DA036	Gildersome
00DB001	Ackworth
00DB002	Badsworth
00DB003	Chevet
00DB004	Crigglestone
00DB005	Crofton
00DB006	Darrington
00DB007	East Hardwick
00DB008	Featherstone
00DB009	Havercroft with Cold Hiendley
00DB010	Hemsworth
00DB011	Hessle and Hill Top
00DB012	Huntwick with Foulby and Nostell
00DB013	Newland with Woodhouse Moor
00DB014	Normanton
00DB015	North Elmsall
00DB016	Notton
00DB017	Ryhill
00DB018	Sharlston
00DB019	Sitlington

00DB020	South Elmsall
00DB021	South Hiendley
00DB022	South Kirkby and Moorthorpe
00DB023	Thorpe Audlin
00DB024	Upton
00DB025	Walton
00DB026	Warmfield cum Heath
00DB027	West Bretton
00DB028	West Hardwick
00DB029	Winterset
00DB030	Woolley
00EB001	Brierton
00EB002	Claxton
00EB003	Dalton Piercy
00EB004	Elwick
00EB005	Greatham
00EB006	Hart
00EB007	Newton Bewley
00EB008	Headland
00EC001	Nunthorpe
00EC002	Stainton and Thornton
00EE001	Guisborough
00EE002	Lockwood
00EE003	Loftus
00EE004	Saltburn, Marske and New Marske
00EE005	Skelton and Brotton
00EF001	Aislaby
00EF002	Carlton
00EF003	Castlelevington
00EF004	Egglecliffe
00EF005	Elton
00EF006	Grindon
00EF007	Hilton
00EF008	Ingleby Barwick
00EF009	Kirklevington
00EF010	Longnewton
00EF011	Maltby
00EF012	Newsham
00EF013	Preston-on-Tees
00EF014	Redmarshall

00EF015	Stillington and Whitton
00EF016	Thornaby
00EF017	Wolviston
00EF018	Yarm
00EH001	Archdeacon Newton
00EH002	Barmpton
00EH003	Bishopton
00EH004	Brafferton
00EH005	Coatham Mundeville
00EH006	Denton
00EH007	East and West Newbiggin
00EH008	Great Burdon
00EH009	Great Stainton
00EH010	Heighington
00EH011	High Coniscliffe
00EH012	Houghton le Side
00EH013	Hurworth
00EH014	Killerby
00EH015	Little Stainton
00EH016	Low Coniscliffe and Merrybent
00EH017	Low Dinsdale
00EH018	Middleton St. George
00EH019	Morton Palms
00EH020	Neasham
00EH021	Piercebridge
00EH022	Sadberge
00EH023	Sockburn
00EH024	Summerhouse
00EH025	Walworth
00EH026	Whessoe
00ET001	Daresbury
00ET002	Hale
00ET003	Moore
00ET004	Preston Brook
00EU001	Appleton
00EU002	Birchwood
00EU003	Burtonwood and Westbrook
00EU004	Croft
00EU005	Cuerdley
00EU006	Culcheth and Glazebury

00EU007	Grappenhall and Thelwall
00EU008	Great Sankey
00EU009	Hatton
00EU010	Lymm
00EU011	Penketh
00EU012	Poulton-with-Fearnhead
00EU013	Rixton-with-Glazebrook
00EU014	Stockton Heath
00EU015	Stretton
00EU016	Walton
00EU017	Winwick
00EU018	Woolston
00EX001	Eccleshill
00EX002	Livesey
00EX003	North Turton
00EX004	Pleasington
00EX005	Tockholes
00EX006	Yate and Pickup Bank
00FB001	Airmyn
00FB002	Aldbrough
00FB003	Allerthorpe
00FB004	Asselby
00FB005	Atwick
00FB006	Bainton
00FB007	Barmby Moor
00FB008	Barmby on the Marsh
00FB009	Barmston
00FB010	Beeford
00FB011	Bielby
00FB012	Bempton
00FB013	Beswick
00FB014	Bewholme
00FB015	Bilton
00FB016	Bishop Burton
00FB017	Bishop Wilton
00FB018	Blacktoft
00FB019	Boynnton
00FB020	Brandesburton
00FB021	Brantingham
00FB022	Broomfleet



00FB023	Bubwith
00FB024	Bugthorpe
00FB025	Burstwick
00FB026	Burton Agnes
00FB027	Burton Constable
00FB028	Burton Fleming
00FB029	Burton Pidsea
00FB030	Carnaby
00FB031	Catton
00FB032	Catwick
00FB033	Cherry Burton
00FB034	Coniston
00FB035	Cottam
00FB036	Cottingwith
00FB037	Dalton Holme
00FB038	Driffield
00FB039	Easington
00FB040	East Garton
00FB041	Eastrington
00FB042	Ellerby
00FB043	Ellerker
00FB044	Ellerton
00FB045	Elloughton-cum-Brough
00FB046	Elstronwick
00FB047	Etton
00FB048	Everingham
00FB049	Fangfoss
00FB050	Fimber
00FB051	Flamborough
00FB052	Foggathorpe
00FB053	Foston
00FB054	Fridaythorpe
00FB055	Full Sutton
00FB056	Garton
00FB057	Gilberdyke
00FB058	Goodmanham
00FB059	Goole
00FB060	Goole Fields
00FB061	Gowdall
00FB062	Grindale

00FB063	Halsham
00FB064	Harpham
00FB065	Hatfield
00FB066	Hayton
00FB067	Hedon
00FB068	Hessle
00FB069	Hollym
00FB070	Holme upon Spalding Moor
00FB071	Holmpton
00FB072	Hook
00FB073	Hornsea
00FB074	Hotham
00FB075	Howden
00FB076	Huggate
00FB077	Humbleton
00FB078	Hutton Cranswick
00FB079	Kelk
00FB080	Keyingham
00FB081	Kilham
00FB082	Kilpin
00FB083	Kirby Underdale
00FB084	Kirkburn
00FB085	Langtoft
00FB086	Laxton
00FB087	Leconfield
00FB088	Leven
00FB089	Lockington
00FB090	Londesborough
00FB091	Lund
00FB092	Mappleton
00FB093	Market Weighton
00FB094	Melbourne
00FB095	Middleton
00FB096	Millington
00FB097	Molescroft
00FB098	Nafferton
00FB099	Newbald
00FB100	Newport
00FB101	Newton on Derwent
00FB102	North Cave

00FB103	North Dalton
00FB104	North Ferriby
00FB105	North Frodingham
00FB106	Nunburnholme
00FB107	Ottringham
00FB108	Patrington
00FB109	Paull
00FB110	Pocklington
00FB111	Pollington
00FB112	Preston
00FB113	Rawcliffe
00FB114	Reedness
00FB115	Rimswell
00FB116	Rise
00FB117	Riston
00FB118	Roos
00FB119	Routh
00FB120	Rowley
00FB121	Rudston
00FB122	Sancton
00FB123	Seaton
00FB124	Seaton Ross
00FB125	Shipton Thorpe
00FB126	Sigglesthorne
00FB127	Skeffling
00FB128	Skerne and Wansford
00FB129	Skidby
00FB130	Skipsea
00FB131	Skirlaugh
00FB132	Skirpenbeck
00FB133	Sledmere
00FB134	Snaith and Cowick
00FB135	South Cave
00FB136	South Cliffe
00FB137	Spaldington
00FB138	Sproatley
00FB139	Stamford Bridge
00FB140	Sunk Island
00FB141	Sutton upon Derwent
00FB142	Swanland

00FB143	Swine
00FB144	Swinefleet
00FB145	Thorngumbald
00FB146	Thornton
00FB147	Thwing
00FB148	Tibthorpe
00FB149	Tickton
00FB150	Twin Rivers
00FB151	Ulrome
00FB152	Walkington
00FB153	Warter
00FB154	Watton
00FB155	Wawne
00FB156	Welton
00FB157	Welwick
00FB158	Wetwang
00FB159	Wilberfoss
00FB160	Withernsea
00FB161	Withernwick
00FB162	Wold Newton
00FB163	Woodmansey
00FB164	Wressle
00FB165	Yapham
00FB166	Beverley
00FB167	Cottingham
00FB168	Anlaby with Anlaby Common
00FB169	Bridlington
00FB170	Kirk Ella
00FB171	Willerby
00FC001	Ashby cum Fenby
00FC002	Aylesby
00FC003	Barnoldby le Beck
00FC004	Beelsby
00FC005	Bradley
00FC006	Brigsley
00FC007	East Ravendale
00FC008	Habrough
00FC009	Hatcliffe
00FC010	Hawerby cum Beesby
00FC011	Healing

00FC012	Humberston
00FC013	Immingham
00FC014	Irby
00FC015	Laceby
00FC016	New Waltham
00FC017	Stallingborough
00FC018	Waltham
00FC019	West Ravendale
00FC020	Wold Newton
00FC021	Great Coates
00FD001	Alkborough
00FD002	Amcotts
00FD003	Appleby
00FD004	Barnetby le Wold
00FD005	Barrow upon Humber
00FD006	Barton-upon-Humber
00FD007	Belton
00FD008	Bonby
00FD009	Bottesford
00FD010	Brigg
00FD011	Broughton
00FD012	Burringham
00FD013	Burton upon Stather
00FD014	Cadney
00FD015	Crowle
00FD016	Croxton
00FD017	East Butterwick
00FD018	East Halton
00FD019	Eastoft
00FD020	Elsham
00FD021	Epworth
00FD022	Flixborough
00FD023	Garthorpe and Fockerby
00FD024	Goxhill
00FD025	Gunness
00FD027	Haxey
00FD028	Hibaldstow
00FD029	Holme
00FD030	Horkstow
00FD031	Keadby with Althorpe

00FD032	Kirmington
00FD033	Kirton in Lindsey
00FD034	Luddington and Haldenby
00FD035	Manton
00FD036	Melton Ross
00FD037	Messingham
00FD038	New Holland
00FD039	North Killingholme
00FD040	Owston Ferry
00FD041	Redbourne
00FD042	Roxby cum Risby
00FD043	Saxby All Saints
00FD044	Scawby
00FD045	South Ferriby
00FD046	South Killingholme
00FD047	Thornton Curtis
00FD048	Ulceby
00FD049	West Butterwick
00FD050	West Halton
00FD051	Whitton
00FD052	Winteringham
00FD053	Winterton
00FD054	Wootton
00FD055	Worlaby
00FD056	Wrawby
00FD057	Wroot
00FD058	Ashby Parkland
00FF001	Acaster Malbis
00FF002	Askham Bryan
00FF003	Askham Richard
00FF004	Bishopthorpe
00FF005	Clifton Without
00FF006	Copmanthorpe
00FF007	Deighton
00FF008	Dunnington
00FF009	Earswick
00FF010	Elvington
00FF011	Fulford
00FF012	Haxby
00FF013	Heslington

00FF014	Hessay
00FF015	Heworth Without
00FF016	Holtby
00FF017	Huntington
00FF018	Kexby
00FF019	Murton
00FF020	Naburn
00FF021	Nether Poppleton
00FF022	New Earswick
00FF023	Osboldwick
00FF024	Rawcliffe
00FF025	Rufforth
00FF026	Skelton
00FF027	Stockton-on-the-Forest
00FF028	Strensall
00FF029	Towthorpe
00FF030	Upper Poppleton
00FF031	Wheldrake
00FF032	Wigginton
00FP001	Ashwell
00FP002	Ayston
00FP003	Barleythorpe
00FP004	Barrow
00FP005	Barrowden
00FP006	Beaumont Chase
00FP007	Belton-in-Rutland
00FP008	Bisbrooke
00FP009	Braunston-in-Rutland
00FP010	Brooke
00FP011	Burley
00FP012	Caldecott
00FP013	Clipsham
00FP014	Cottesmore
00FP015	Edith Weston
00FP016	Egleton
00FP017	Empingham
00FP018	Essendine
00FP019	Exton
00FP020	Glaston
00FP021	Great Casterton

00FP022	Greetham
00FP023	Gunthorpe
00FP024	Hambleton
00FP025	Horn
00FP026	Ketton
00FP027	Langham
00FP028	Leighfield
00FP029	Little Casterton
00FP030	Lyddington
00FP031	Lyndon
00FP032	Manton
00FP033	Market Overton
00FP034	Martinsthorpe
00FP035	Morcott
00FP036	Normanton
00FP037	North Luffenham
00FP038	Oakham
00FP039	Pickworth
00FP040	Pilton
00FP041	Preston
00FP042	Ridlington
00FP043	Ryhall
00FP044	Seaton
00FP045	South Luffenham
00FP046	Stoke Dry
00FP047	Stretton
00FP048	Teigh
00FP049	Thistleton
00FP050	Thorpe by Water
00FP051	Tickencote
00FP052	Tinwell
00FP053	Tixover
00FP054	Uppingham
00FP055	Wardley
00FP056	Whissendine
00FP057	Whitwell
00FP058	Wing
00GA001	Abbey Dore
00GA002	Aconbury
00GA003	Acton Beauchamp



00GA004	Adforton
00GA005	Allensmore
00GA006	Almeley
00GA007	Ashperton
00GA008	Aston Ingham
00GA009	Avenbury
00GA010	Aylton
00GA011	Aymestrey
00GA012	Bacton
00GA013	Ballingham
00GA014	Bartestree
00GA015	Birley with Upper Hill
00GA016	Bishop's Frome
00GA017	Bishopstone
00GA018	Blakemere
00GA019	Bodenham
00GA020	Bolstone
00GA021	Bosbury
00GA022	Brampton Abbotts
00GA023	Brampton Bryan
00GA024	Bredenbury
00GA025	Bredwardine
00GA026	Breinton
00GA027	Bridge Sollers
00GA028	Bridstow
00GA029	Brilley
00GA030	Brimfield
00GA031	Brinsop and Wormsley
00GA032	Brobury with Monnington on Wye
00GA033	Brockhampton (Old Gore)
00GA034	Brockhampton (Bringsty)
00GA035	Bromyard and Winslow
00GA036	Buckton and Coxall
00GA037	Burghill
00GA038	Burrington
00GA039	Byford
00GA040	Byton
00GA041	Callow
00GA042	Canon Frome
00GA043	Canon Pyon

00GA044	Castle Frome
00GA045	Clehonger
00GA046	Clifford
00GA047	Coddington
00GA048	Collington
00GA049	Colwall
00GA050	Combe
00GA051	Cradley
00GA052	Craswall
00GA053	Credenhill
00GA054	Croft and Yarpole
00GA055	Cusop
00GA056	Dewsall
00GA057	Dilwyn
00GA058	Dinedor
00GA059	Dinmore
00GA060	Docklow and Hampton Wafer
00GA061	Donnington
00GA062	Dormington
00GA063	Dorstone
00GA064	Downton
00GA065	Dulas
00GA066	Eardisland
00GA067	Eardisley
00GA068	Eastnor
00GA069	Eaton Bishop
00GA070	Edvin Loach and Saltmarshe
00GA071	Edwyn Ralph
00GA072	Eggleton
00GA073	Elton
00GA074	Evesbatch
00GA075	Ewyas Harold
00GA076	Eye, Moreton and Ashton
00GA077	Eyton
00GA078	Felton
00GA079	Ford and Stoke Prior
00GA080	Fownhope
00GA081	Foy
00GA082	Ganarew
00GA083	Garway

00GA084	Goodrich
00GA085	Grafton
00GA086	Grendon Bishop
00GA087	Hampton Bishop
00GA088	Hampton Charles
00GA089	Harewood
00GA090	Hatfield and Newhampton
00GA091	Haywood
00GA092	Hentland
00GA093	Holme Lacy
00GA094	Holmer & Shelwick
00GA095	Hope Mansell
00GA096	Hope under Dinmore
00GA097	How Caple
00GA098	Humber
00GA099	Huntington
00GA100	Kenchester
00GA101	Kenderchurch
00GA102	Kentchurch
00GA103	Kilpeck
00GA104	Kimbolton
00GA105	King's Pyon
00GA106	Kings Caple
00GA107	Kingsland
00GA108	Kingstone
00GA109	Kington
00GA110	Kington Rural
00GA111	Kinnersley
00GA112	Kinsham
00GA113	Knill
00GA114	Laysters
00GA115	Lea
00GA116	Ledbury
00GA117	Leinthall Starks
00GA118	Leintwardine
00GA119	Leominster
00GA120	Letton
00GA121	Lingen
00GA122	Linton (Bringsty)
00GA123	Linton (Penyard)

00GA124	Little Birch
00GA125	Little Cowarne
00GA126	Little Dewchurch
00GA127	Little Hereford
00GA128	Little Marcle
00GA129	Llancillo
00GA130	Llandinabo
00GA131	Llangarron
00GA132	Llanrothal
00GA133	Llanveynoe
00GA134	Llanwarne
00GA135	Longtown
00GA136	Lower Bullingham
00GA137	Lower Harpton
00GA138	Lucton
00GA139	Lugwardine
00GA140	Luston
00GA141	Lyonshall
00GA142	Madley
00GA143	Mansell Gamage
00GA144	Mansell Lacy
00GA145	Marden
00GA146	Marstow
00GA147	Mathon
00GA148	Michaelchurch Escley
00GA149	Middleton on the Hill
00GA150	Moccas
00GA151	Monkland and Stretford
00GA152	Mordiford
00GA153	Moreton Jeffries
00GA154	Moreton on Lugg
00GA155	Much Birch
00GA156	Much Cowarne
00GA157	Much Dewchurch
00GA158	Much Marcle
00GA159	Munsley
00GA160	Newton (Hampton Court)
00GA161	Newton (Golden Valley South)
00GA162	Norton
00GA163	Norton Canon

00GA164	Ocle Pychard
00GA165	Orcop
00GA166	Orleton
00GA167	Pembridge
00GA168	Pencombe with Grendon Warren
00GA169	Pencoyd
00GA170	Peterchurch
00GA171	Peterstow
00GA172	Pipe and Lyde
00GA173	Pipe Aston
00GA174	Pixley
00GA175	Preston on Wye
00GA176	Preston Wynne
00GA177	Pudleston
00GA178	Putley
00GA179	Richards Castle (Hereford)
00GA180	Rodd, Nash and Little Brampton
00GA181	Ross-on-Wye
00GA182	Ross Rural
00GA183	Rowlstone
00GA184	St. Devereux
00GA185	St. Margarets
00GA186	St. Weonards
00GA187	Sarnesfield
00GA188	Sellack
00GA189	Shobdon
00GA190	Sollers Hope
00GA191	Stanford Bishop
00GA192	Stapleton
00GA193	Staunton on Arrow
00GA194	Staunton on Wye
00GA195	Stoke Edith
00GA196	Stoke Lacy
00GA197	Stretton Grandison
00GA198	Stretton Sugwas
00GA199	Sutton
00GA200	Tarrington
00GA201	Tedstone Delamere
00GA202	Tedstone Wafer
00GA203	Thornbury

00GA204	Thrupton
00GA205	Titley
00GA206	Tretire with Michaelchurch
00GA207	Treville
00GA208	Turnastone
00GA209	Tyberton
00GA210	Ullingswick
00GA211	Upper Sapey
00GA212	Upton Bishop
00GA213	Vowchurch
00GA214	Wacton
00GA215	Walford
00GA216	Walford, Letton and Newton
00GA217	Walterstone
00GA218	Wellington
00GA219	Wellington Heath
00GA220	Welsh Bicknor
00GA221	Welsh Newton
00GA222	Weobley
00GA223	Westhide
00GA224	Weston Beggard
00GA225	Weston under Penyard
00GA226	Whitbourne
00GA227	Whitchurch
00GA228	Whitney-on-Wye
00GA229	Wigmore
00GA230	Willersley and Winforton
00GA231	Willey
00GA232	Withington
00GA233	Wolferlow
00GA234	Woolhope
00GA235	Wormbridge
00GA236	Yarkhill
00GA237	Yatton
00GA238	Yazor
00GA239	Belmont Rural
00GA240	Hereford
00GF001	Chetwynd
00GF002	Chetwynd Aston and Woodcote
00GF003	Church Aston

00GF004	Dawley Hamlets
00GF005	Edgmond
00GF006	Ercall Magna
00GF007	Eyton Upon The Weald Moors
00GF008	Great Dawley
00GF009	Hadley & Leegomery
00GF010	Hollinswood and Randlay
00GF011	Ketley
00GF012	Kynnersley
00GF013	Lawley and Overdale
00GF014	Lilleshall and Donnington
00GF015	Little Wenlock
00GF016	Madeley
00GF017	Newport
00GF018	Oakengates
00GF019	Preston Upon The Weald Moors
00GF020	Rodington
00GF021	St Georges and Priorslee
00GF022	Stirchley and Brookside
00GF023	The Gorge
00GF024	Tibberton and Cherrington
00GF025	Waters Upton
00GF026	Wellington
00GF027	Wrockwardine
00GF028	Wrockwardine Wood and Trench
00HA001	Bathampton
00HA002	Batheaston
00HA003	Bathford
00HA004	Cameley
00HA005	Camerton
00HA006	Charlcombe
00HA007	Chelwood
00HA008	Chew Magna
00HA009	Chew Stoke
00HA010	Claverton
00HA011	Clutton
00HA012	Combe Hay
00HA013	Compton Dando
00HA014	Compton Martin
00HA015	Corston

00HA016	Dunkerton
00HA017	East Harptree
00HA018	Englishcombe
00HA019	Farmborough
00HA020	Farrington Gurney
00HA021	Freshford
00HA022	High Littleton
00HA023	Hinton Blewett
00HA024	Hinton Charterhouse
00HA025	Kelston
00HA026	Keynsham
00HA027	Marksbury
00HA028	Monkton Combe
00HA029	Nempnett Thrubwell
00HA030	Newton St. Loe
00HA031	North Stoke
00HA032	Norton Malreward
00HA033	Norton-Radstock
00HA034	Paulton
00HA035	Peasedown St. John
00HA036	Priston
00HA037	Publow
00HA038	St. Catherine
00HA039	Saltford
00HA040	Shoscombe
00HA041	Southstoke
00HA042	Stanton Drew
00HA043	Stowey-Sutton
00HA044	Swainswick
00HA045	Timsbury
00HA046	Ubley
00HA047	Wellow
00HA048	West Harptree
00HA049	Whitchurch
00HC001	Abbots Leigh
00HC002	Backwell
00HC003	Banwell
00HC004	Barrow Gurney
00HC005	Blagdon
00HC006	Bleadon



00HC007	Brockley
00HC008	Burrington
00HC009	Butcombe
00HC010	Churchill
00HC011	Clapton-in-Gordano
00HC012	Cleeve
00HC013	Clevedon
00HC014	Congresbury
00HC015	Dundry
00HC016	Easton-in-Gordano
00HC017	Flax Bourton
00HC018	Hutton
00HC019	Kenn
00HC020	Kewstoke
00HC021	Kingston Seymour
00HC022	Locking
00HC023	Long Ashton
00HC024	Loxton
00HC025	Nailsea
00HC026	Portbury
00HC027	Portishead and North Weston
00HC028	Puxton
00HC029	Tickenham
00HC030	Walton-in-Gordano
00HC031	Weston-in-Gordano
00HC032	Wick St. Lawrence
00HC033	Winford
00HC034	Winscombe and Sandford
00HC035	Wraxall and Failand
00HC036	Wroughton
00HC037	Yatton
00HC038	Weston-super-Mare
00HC039	St. Georges
00HD001	Acton Turville
00HD002	Almondsbury
00HD003	Alveston
00HD004	Aust
00HD005	Badminton
00HD006	Bitton
00HD007	Bradley Stoke

00HD008	Charfield
00HD009	Cold Ashton
00HD010	Cromhall
00HD011	Dodington
00HD012	Doynton
00HD013	Dyrham and Hinton
00HD014	Falfield
00HD015	Filton
00HD016	Frampton Cotterell
00HD017	Hanham Abbots
00HD018	Hawkesbury
00HD019	Hill
00HD020	Horton
00HD021	Iron Acton
00HD022	Little Sodbury
00HD023	Mangotsfield Rural
00HD024	Marshfield
00HD025	Oldbury-upon-Severn
00HD026	Oldland
00HD027	Olveston
00HD028	Patchway
00HD029	Pilning and Severn Beach
00HD030	Pucklechurch
00HD031	Rangeworthy
00HD032	Rockhampton
00HD033	Siston
00HD034	Sodbury
00HD035	Stoke Gifford
00HD036	Thornbury
00HD037	Tormarton
00HD038	Tortworth
00HD039	Tytherington
00HD040	Westerleigh
00HD041	Wick and Abson
00HD042	Wickwar
00HD043	Winterbourne
00HD044	Yate
00HD045	Downend and Bromley Heath
00HD046	Hanham
00HX001	Bishopstone

00HX002	Blunsdon St Andrew
00HX003	Castle Eaton
00HX004	Chiseldon
00HX005	Covingham
00HX006	Hannington
00HX007	Haydon Wick
00HX008	Highworth
00HX009	Inglesham
00HX010	Liddington
00HX011	South Marston
00HX012	Stanton Fitzwarren
00HX013	Stratton St Margaret
00HX014	Wanborough
00HX015	Wroughton
00JA001	Ailsworth
00JA002	Bainton
00JA003	Barnack
00JA004	Borough Fen
00JA005	Bretton
00JA006	Castor
00JA007	Deeping Gate
00JA008	Etton
00JA009	Eye
00JA010	Glington
00JA011	Helpston
00JA012	Marholm
00JA013	Maxey
00JA014	Newborough
00JA015	Northborough
00JA016	Orton Longueville
00JA017	Orton Waterville
00JA018	Peakirk
00JA019	St. Martin's Without
00JA020	Southorpe
00JA022	Sutton
00JA023	Thorney
00JA024	Thornhaugh
00JA025	Ufford
00JA026	Upton
00JA027	Wansford

00JA028	Wittering
00JA029	Wothorpe
00KF001	Leigh-on-Sea
00LC001	Allhallows
00LC002	Cliffe and Cliffe Woods
00LC003	Cooling
00LC004	Cuxton
00LC005	Frindsbury Extra
00LC006	Halling
00LC007	High Halstow
00LC008	Hoo St. Werburgh
00LC009	Isle of Grain
00LC010	St. Mary Hoo
00LC011	Stoke
00MA001	Binfield
00MA002	Bracknell
00MA003	Crowthorne
00MA004	Sandhurst
00MA005	Warfield
00MA006	Winkfield
00MB001	Aldermaston
00MB002	Aldworth
00MB003	Ashampstead
00MB004	Basildon
00MB005	Beech Hill
00MB006	Beedon
00MB007	Beenham
00MB008	Boxford
00MB009	Bradfield
00MB010	Brightwalton
00MB011	Brimpton
00MB012	Bucklebury
00MB013	Burghfield
00MB014	Catmore
00MB015	Chaddleworth
00MB016	Chieveley
00MB017	Cold Ash
00MB018	Combe
00MB019	Compton
00MB020	East Garston

00MB021	East Ilsley
00MB022	Enborne
00MB023	Englefield
00MB024	Farnborough
00MB025	Fawley
00MB026	Frilsham
00MB027	Great Shefford
00MB028	Greenham
00MB029	Hampstead Norreys
00MB030	Hampstead Marshall
00MB031	Hermitage
00MB032	Hungerford
00MB033	Inkpen
00MB034	Kintbury
00MB035	Lambourn
00MB036	Leckhampstead
00MB037	Midgham
00MB038	Padworth
00MB039	Pangbourne
00MB040	Peasemore
00MB041	Purley on Thames
00MB042	Shaw cum Donnington
00MB043	Speen
00MB044	Stanford Dingley
00MB045	Stratfield Mortimer
00MB046	Streatley
00MB047	Sulham
00MB048	Sulhamstead
00MB049	Thatcham
00MB050	Theale
00MB051	Tidmarsh
00MB052	Tilehurst
00MB053	Ufton Nervet
00MB054	Wasing
00MB055	Welford
00MB056	West Ilsley
00MB057	West Woodhay
00MB058	Winterbourne
00MB059	Wokefield
00MB060	Woolhampton

00MB061	Yattendon
00MB062	Newbury
00MB063	Holybrook
00MD001	Britwell
00MD002	Colnbrook with Poyle
00MD003	Wexham Court
00ME001	Bisham
00ME002	Bray
00ME003	Cookham
00ME004	Cox Green
00ME005	Datchet
00ME006	Eton
00ME007	Horton
00ME008	Hurley
00ME009	Old Windsor
00ME010	Shottesbrooke
00ME011	Sunningdale
00ME012	Sunninghill
00ME013	Waltham St. Lawrence
00ME014	White Waltham
00ME015	Wraysbury
00MF001	Arborfield and Newland
00MF002	Barkham
00MF003	Charvil
00MF004	Earley
00MF005	Finchampstead
00MF006	Remenham
00MF007	Ruscombe
00MF008	St. Nicholas, Hurst
00MF009	Shinfield
00MF010	Sonning
00MF011	Swallowfield
00MF012	Twyford
00MF013	Wargrave
00MF014	Winnersh
00MF015	Wokingham
00MF016	Wokingham Without
00MF017	Woodley
00MG001	Astwood
00MG002	Bow Brickhill

00MG003	Bradwell
00MG004	Bradwell Abbey
00MG005	Broughton
00MG006	Castlethorpe
00MG007	Chicheley
00MG008	Clifton Reynes
00MG009	Cold Brayfield
00MG010	Emberton
00MG011	Gayhurst
00MG012	Great Linford
00MG013	Hanslope
00MG014	Hardmead
00MG015	Haversham-cum-Little Linford
00MG016	Lathbury
00MG017	Lavendon
00MG018	Little Brickhill
00MG019	Loughton
00MG020	Milton Keynes
00MG021	Moulsoe
00MG022	Newport Pagnell
00MG023	Newton Blossomville
00MG024	North Crawley
00MG025	Olney
00MG026	Ravenstone
00MG027	Shenley Brook End
00MG028	Shenley Church End
00MG029	Sherington
00MG030	Stantonbury
00MG031	Stoke Goldington
00MG032	Walton
00MG033	Warrington
00MG034	Wavendon
00MG035	Weston Underwood
00MG036	Woburn Sands
00MG037	Campbell Park
00MG038	Woughton on the Green
00MG039	Bletchley and Fenny Stratford
00MG040	Calverton
00MG041	Central Milton Keynes
00MG042	Kents Hill, Monkston and Brinklow

00MG043	New Bradwell
00MG044	Simpson
00MG045	Stony Stratford
00MG046	Tyringham and Filgrave
00MG047	West Bletchley
00MG048	Wolverton and Greenleys
00ML001	Rottingdean
00MR001	Southsea
00MW001	Arreton
00MW002	Bembridge
00MW003	Brading
00MW004	Brighstone
00MW005	Calbourne
00MW006	Chale
00MW007	Cowes
00MW008	Freshwater
00MW009	Gatcombe
00MW010	Godshill
00MW011	Gurnard
00MW012	Lake
00MW013	Nettlestone and Seaview
00MW014	Newchurch
00MW015	Niton and Whitwell
00MW016	Rookley
00MW017	St Helens
00MW018	Sandown
00MW019	Shalfleet
00MW020	Shanklin
00MW021	Shorwell
00MW022	Totland
00MW023	Ventnor
00MW024	Wootton Bridge
00MW025	Wroxall
00MW026	Yarmouth
00MW027	East Cowes
00NA001	Aberffraw
00NA002	Amlwch
00NA003	Beaumaris
00NA004	Bodedern
00NA005	Bodffordd



00NA006	Bodorgan
00NA007	Bryngwran
00NA008	Cwm Cadnant
00NA009	Cylch-y-Garn
00NA010	Holyhead
00NA011	Llanbadrig
00NA012	Llanddaniel Fab
00NA013	Llanddona
00NA014	Llanddyfnan
00NA015	Llaneilian
00NA016	Llaneugrad
00NA017	Llanfachraeth
00NA018	Llanfaelog
00NA019	Llanfaethlu
00NA020	Llanfair-Mathafarn-Eithaf
00NA021	Llanfair Pwllgwyngyll
00NA022	Llanfair-yn-Neubwll
00NA023	Llanfihangel Ysgeifiog
00NA024	Llangejni
00NA025	Llangoed
00NA026	Llangristiolus
00NA027	Llanidan
00NA028	Llannerch-y-medd
00NA029	Mechell
00NA030	Menai Bridge
00NA031	Moelfre
00NA032	Penmynydd
00NA033	Pentraeth
00NA034	Rhoscolyn
00NA035	Rhosybol
00NA036	Rhosyr
00NA037	Trearddur
00NA038	Tref Alaw
00NA039	Trewalchmai
00NA040	Valley
00NC001	Aber
00NC002	Aberdaron
00NC003	Aberdovey
00NC004	Arthog
00NC005	Bala

00NC006	Bangor
00NC007	Barmouth
00NC008	Beddgelert
00NC009	Bethesda
00NC010	Betws Garmon
00NC011	Bontnewydd
00NC012	Botwnnog
00NC013	Brithdir and Llanfachreth
00NC014	Bryn-crug
00NC015	Buan
00NC016	Caernarfon
00NC017	Clynnog
00NC018	Corris
00NC019	Criccieth
00NC020	Dolbenmaen
00NC021	Dolgellau
00NC022	Dyffryn Ardudwy
00NC023	Ffestiniog
00NC024	Ganllwyd
00NC025	Harlech
00NC026	Llanaelhaearn
00NC027	Llanbedr
00NC028	Llanbedrog
00NC029	Llanberis
00NC030	Llanddeiniolen
00NC031	Llandderfel
00NC032	Llandwrog
00NC033	Llandygai
00NC034	Llanegryn
00NC035	Llanelltyd
00NC036	Llanengan
00NC037	Llanfair
00NC038	Llanfihangel-y-Pennant
00NC039	Llanfrothen
00NC040	Llangelynin
00NC041	Llangywer
00NC042	Llanllechid
00NC043	Llanllyfni
00NC044	Llannor
00NC045	Llanuwchllyn

00NC046	Llanrug
00NC047	Llanwnda
00NC048	Llanycil
00NC049	Llanystumdwy
00NC050	Maentwrog
00NC051	Mawddwy
00NC052	Nefyn
00NC053	Pennal
00NC054	Penrhyndeudraeth
00NC055	Pentir
00NC056	Pistyll
00NC057	Porthmadog
00NC058	Pwllheli
00NC059	Talsarnau
00NC060	Trawsfynydd
00NC061	Tudweiliog
00NC062	Tywyn
00NC063	Waunfawr
00NC064	Y Felinheli
00NE001	Abergele
00NE002	Betws-y-Coed
00NE003	Betws yn Rhos
00NE004	Bro Garmon
00NE005	Bro Machno
00NE006	Caerhun
00NE007	Capel Curig
00NE008	Cerrigydrudion
00NE009	Colwyn Bay
00NE010	Conwy
00NE011	Dolgarrog
00NE012	Dolwyddelan
00NE013	Eglwysbach
00NE014	Henryd
00NE015	Kinmel Bay and Towyn
00NE016	Llanddoged and Maenan
00NE017	Llanddulas and Rhyd-y-Foel
00NE018	Llandudno
00NE019	Llanfairfechan
00NE020	Llanfair Talhaiarn
00NE021	Llanfihangel Glyn Myfyr

00NE022	Llangernyw
00NE023	Llangwm
00NE024	Llanefydd
00NE025	Llanrwst
00NE026	Llansanffraid Glan Conwy
00NE027	Llansannan
00NE028	Llysfaen
00NE029	Mochdre
00NE030	Old Colwyn
00NE031	Penmaenmawr
00NE032	Pentrefoelas
00NE033	Rhos-on-Sea
00NE034	Trefriw
00NE035	Ysbyty Ifan
00NG001	Aberwheeler
00NG002	Betws Gwerfil Goch
00NG003	Bodelwyddan
00NG004	Bodfari
00NG005	Bryneglwys
00NG006	Cefnmeiriadog
00NG007	Clocaenog
00NG008	Corwen
00NG009	Cwm
00NG010	Cyffylliog
00NG011	Cynwyd
00NG012	Denbigh
00NG013	Derwen
00NG014	Dyserth
00NG015	Efenechtyd
00NG016	Gwyddelwern
00NG017	Henllan
00NG018	Llanarmon-yn-Ial
00NG019	Llanbedr Dyffryn Clwyd
00NG020	Llandegla
00NG021	Llandrillo
00NG022	Llandyrnog
00NG023	Llanelidan
00NG024	Llanfair Dyffryn Clwyd
00NG025	Llanferres
00NG026	Llangollen

00NG028	Llangynhafal
00NG029	Llanrhaeadr-yng-Nghinmeirch
00NG030	Llantysilio
00NG031	Llanynys
00NG032	Nantglyn
00NG033	Prestatyn
00NG034	Rhuddlan
00NG035	Rhyl
00NG036	Ruthin
00NG037	St. Asaph
00NG038	Trefnant
00NG039	Tremeirchion
00NG040	Waen
00NJ001	Bagillt
00NJ002	Broughton and Bretton
00NJ003	Brynford
00NJ004	Buckley
00NJ005	Caerwys
00NJ006	Cilcain
00NJ007	Connah's Quay
00NJ008	Flint
00NJ009	Gwernaffield
00NJ010	Gwernymynydd
00NJ011	Halkyn
00NJ012	Hawarden
00NJ013	Higher Kinnerton
00NJ014	Holywell
00NJ015	Hope
00NJ016	Leeswood
00NJ017	Llanasa
00NJ018	Llanfynydd
00NJ019	Mold
00NJ020	Mostyn
00NJ021	Argoed
00NJ022	Nannerch
00NJ023	Nercwys
00NJ024	Northop
00NJ025	Northop Hall
00NJ026	Penyffordd
00NJ027	Queensferry

00NJ028	Saltney
00NJ029	Sealand
00NJ030	Shotton
00NJ031	Trelawnyd and Gwaenysgor
00NJ032	Treuddyn
00NJ033	Whitford
00NJ034	Ysceifiog
00NL001	Abenbury
00NL002	Acton
00NL003	Bangor Is-y-coed
00NL004	Bronington
00NL005	Broughton
00NL006	Brymbo
00NL007	Caia Park
00NL008	Cefn
00NL009	Ceiriog Ucha
00NL010	Chirk
00NL011	Coedpoeth
00NL012	Erbistock
00NL013	Esclusham
00NL014	Glyntraian
00NL015	Gresford
00NL016	Gwersyllt
00NL017	Hanmer
00NL018	Holt
00NL019	Isycoed
00NL020	Llansantffraid Glyn Ceiriog
00NL021	Llay
00NL022	Maelor South
00NL023	Marchwiel
00NL024	Minera
00NL025	Offa
00NL026	Overton
00NL027	Penycae
00NL028	Rhosddu
00NL029	Rhosllanerchrugog
00NL030	Rossett
00NL031	Ruabon
00NL032	Sesswick
00NL033	Willington Worthenbury

00NL034	Llangollen Rural
00NN001	Abbey Cwmhir
00NN002	Aberedw
00NN003	Aberhafesp
00NN004	Banwy
00NN005	Bausley with Criggion
00NN006	Beguildy
00NN007	Berriew
00NN008	Bettws
00NN009	Brecon
00NN010	Bronllys
00NN011	Builth
00NN012	Cadfarch
00NN013	Caersws
00NN014	Carno
00NN015	Carreghofa
00NN016	Castle Caereinion
00NN017	Churchstoke
00NN018	Cilmery
00NN019	Clyro
00NN020	Cray
00NN021	Crickhowell
00NN022	Disserth and Trecoed
00NN023	Duhonw
00NN024	Dwyriw
00NN025	Erwood
00NN026	Felin-fach
00NN027	Forden with Leighton and Trelystan
00NN028	Gladestry
00NN029	Glantwymyn
00NN030	Glasbury
00NN031	Glascwm
00NN032	Glyn Tarell
00NN033	GUILSFIELD
00NN034	Gwernyfed
00NN035	Hay
00NN036	Honddu Isaf
00NN037	Kerry
00NN038	Knighton
00NN039	Llanafanfawr

00NN040	Llanbadarn Fawr
00NN041	Llanbadarn Fynydd
00NN042	Llanbister
00NN043	Llanbrynmair
00NN044	Llanddew
00NN045	Llanddewi Ystradenny
00NN046	Llandinam
00NN047	Llandrindod Wells
00NN048	Llandrinio
00NN049	Llandysilio
00NN050	Llandyssil
00NN051	Llanelwedd
00NN052	Llanerfyl
00NN053	Llanfair Caereinion
00NN054	Llanfechain
00NN055	Llanfihangel
00NN056	Llanfihangel Cwmdu with Bwlch and Cathedine
00NN057	Llanfihangel Rhydithon
00NN058	Llanfrynach
00NN059	Llanfyllin
00NN060	Llangamarch
00NN061	Llangattock
00NN062	Llangedwyn
00NN063	Llangors
00NN064	Llangunllo
00NN065	Llangurig
00NN066	Llangynidr
00NN067	Llangyniew
00NN068	Llangynog
00NN069	Llanidloes
00NN070	Llanidloes Without
00NN071	Llanigon
00NN072	Llanrhaeadr-ym-Mochnant
00NN073	Llansantffraid
00NN074	Llansilin
00NN075	Llanwddyn
00NN076	Llanwrthwl
00NN077	Llanwrtyd Wells
00NN078	Llanyre
00NN079	Llywel



00NN080	Machynlleth
00NN081	Maescar
00NN082	Manafon
00NN083	Meifod
00NN084	Merthyr Cynog
00NN085	Mochdre
00NN086	Montgomery
00NN087	Nantmel
00NN088	New Radnor
00NN089	Newtown and Llanllwchaiarn
00NN090	Old Radnor
00NN091	Painscastle
00NN092	Penybont
00NN093	Pen-y-Bont-Fawr
00NN094	Presteigne
00NN095	Rhayader
00NN096	St. Harmon
00NN097	Talgarth
00NN098	Talybont-on-Usk
00NN099	Tawe-Uchaf
00NN100	The Vale of Grwyney
00NN101	Trallong
00NN102	Trefeglwys
00NN103	Treflys
00NN104	Tregynon
00NN105	Trewern
00NN106	Welshpool
00NN107	Whitton
00NN108	Yscir
00NN109	Ystradfellte
00NN110	Ystradgynlais
00NQ001	Aberaeron
00NQ002	Aberporth
00NQ003	Aberystwyth
00NQ004	Beulah
00NQ005	Blaenrheidol
00NQ006	Borth
00NQ007	Cardigan
00NQ008	Ceulanamaesmawr
00NQ009	Ciliau Aeron

00NQ010	Dyffryn Arth
00NQ011	Faenor
00NQ012	Geneu'r Glyn
00NQ013	Henfynyw
00NQ014	Lampeter
00NQ015	Llanarth
00NQ016	Llanbadarn Fawr
00NQ017	Llanddewi Brefi
00NQ018	Llandyfriog
00NQ019	Llandysiliogogo
00NQ020	Llandysul
00NQ021	Llanfair Clydogau
00NQ022	Llanfarian
00NQ023	Llanfihangel Ystrad
00NQ024	Llangeitho
00NQ025	Llangoedmor
00NQ026	Llangrannog
00NQ027	Llangwryfon
00NQ028	Llangybi
00NQ029	Llangynfelyn
00NQ030	Llanilar
00NQ031	Llanllwchaiarn
00NQ032	Llanrhystyd
00NQ033	Llansantffraed
00NQ034	Llanwenog
00NQ035	Llanwnnen
00NQ036	Lledrod
00NQ037	Melindwr
00NQ038	Nantcwnlle
00NQ039	New Quay
00NQ040	Penbryn
00NQ041	Pontarfynach
00NQ042	Tirymynach
00NQ043	Trawsgoed
00NQ044	Trefeurig
00NQ045	Tregaron
00NQ046	Troedyraur
00NQ047	Y Ferwig
00NQ048	Ysbyty Ystwyth
00NQ049	Ysgubor-y-coed

00NQ050	Ystrad Fflur
00NQ051	Ystrad Meurig
00NS001	Ambleston
00NS002	Amroth
00NS003	Angle
00NS004	Boncath
00NS005	Brawdy
00NS006	Burton
00NS007	Caldey Island and St. Margaret's Island
00NS008	Camrose
00NS009	Carew
00NS010	Castlemartin
00NS011	Cilgerran
00NS012	Clydau
00NS013	Cosheston
00NS014	Crymych
00NS015	Cwm Gwaun
00NS016	Dale
00NS017	Dinas Cross
00NS018	East Williamston
00NS019	Eglwysrwr
00NS020	Fishguard and Goodwick
00NS021	Freystrop
00NS022	Haverfordwest
00NS023	Hayscastle
00NS024	Herbrandston
00NS025	Hundleton
00NS026	Jeffreyston
00NS027	Johnston
00NS028	Kilgetty/Begelly
00NS029	Lampeter Velfrey
00NS030	Lamphey
00NS031	Letterston
00NS032	Llanddewi Velfrey
00NS033	Llandissilio West
00NS035	Llanrhian
00NS036	Llanstadwell
00NS037	Llawhaden
00NS038	Maenclochog
00NS039	Manorbier

00NS040	Manordeifi
00NS041	Marloes and St. Brides
00NS042	Martletwy
00NS043	Mathry
00NS044	Merlin's Bridge
00NS045	Milford Haven
00NS046	Mynachlog-Ddu
00NS047	Narberth
00NS048	Nevern
00NS049	New Moat
00NS050	Newport
00NS051	Neyland
00NS052	Nolton and Roch
00NS053	Pembroke
00NS054	Pembroke Dock
00NS055	Penally
00NS056	Pencaer
00NS057	Puncheston
00NS058	Rosemarket
00NS059	Rudbaxton
00NS060	St. David's and the Cathedral Close
00NS061	St. Dogmaels
00NS062	St. Florence
00NS063	St. Ishmael's
00NS064	St. Mary Out Liberty
00NS065	Saundersfoot
00NS066	Scleddau
00NS067	Slebech
00NS068	Solva
00NS069	Spittal
00NS070	Stackpole
00NS071	Templeton
00NS072	Tenby
00NS073	The Havens
00NS074	Tiers Cross
00NS075	Trecwn
00NS076	Uzmaston and Boulston
00NS077	Walwyn's Castle
00NS078	Wiston
00NS079	Wolfscastle

00NS081	Llangwm
00NS082	Hook
00NS083	Clynderwen
00NU001	Abergwili
00NU002	Abernant
00NU003	Ammanford
00NU004	Betws
00NU005	Bronwydd
00NU006	Carmarthen
00NU007	Pembrey and Burry Port Town
00NU008	Cenarth
00NU009	Cilycwm
00NU010	Cilymaenllwyd
00NU012	Cwmamman
00NU013	Cynwyl Elfed
00NU014	Cynwyl Gaeo
00NU015	Eglwyscummin
00NU016	Cyngor Bro Dyffryn Cennen
00NU017	Gorslas
00NU018	Henllanfallteg
00NU019	Kidwelly
00NU020	Laugharne Township
00NU021	Llanarthney
00NU022	Llanboidy
00NU023	Llanddarog
00NU024	Llanddeusant
00NU025	Llanddowror
00NU026	Llandeilo
00NU027	Llandovery
00NU028	Llandybie
00NU029	Llandyfaelog
00NU030	Llanedi
00NU031	Llanegwad
00NU032	Llanelli
00NU033	Llanelli Rural
00NU034	Llanfair-ar-y-bryn
00NU035	Llanfihangel Aberbythych
00NU036	Llanfihangel-ar-Arth
00NU037	Llanfihangel Rhos-y-Corn
00NU038	Llanfynydd

00NU039	Llangadog
00NU040	Llangain
00NU041	Llangathen
00NU042	Llangeler
00NU043	Llangennech
00NU044	Llangunnor
00NU045	Llangyndeyrn
00NU046	Llangynin
00NU047	Llangynog
00NU048	Llanllawddog
00NU049	Llanllwni
00NU050	Llannon
00NU051	Llanpumsaint
00NU052	Llansadwrn
00NU053	Llansawel
00NU054	Llansteffan
00NU055	Llanwinio
00NU056	Llanwrda
00NU057	Llanybydder
00NU058	Llanycrwys
00NU059	Manordeilo and Salem
00NU060	Meidrim
00NU061	Myddfai
00NU062	Newcastle Emlyn
00NU063	Newchurch and Merthyr
00NU064	Pencarreg
00NU065	Pendine
00NU066	Pontyberem
00NU067	Quarter Bach
00NU068	St. Clears
00NU069	St. Ishmael
00NU070	Talley
00NU071	Trelech
00NU072	Trimsaran
00NU073	Whitland
00NX001	Birchgrove
00NX002	Bishopston
00NX003	Bonymaen
00NX004	Castle
00NX005	Clydach

00NX006	Cockett
00NX007	Cwmbwrla
00NX008	Dunvant
00NX009	Gorseinon
00NX010	Gowerton
00NX011	Grovesend
00NX012	Ilston
00NX013	Killay
00NX014	Landore
00NX015	Llangennith, Llanmadoc and Cheriton
00NX016	Llangyfelach
00NX017	Llanrhidian Higher
00NX018	Llanrhidian Lower
00NX019	Llansamlet
00NX020	Llwchwr
00NX021	Mawr
00NX022	Morrison
00NX023	Mumbles
00NX024	Mynyddbach
00NX025	Penderry
00NX026	Penllergaer
00NX027	Pennard
00NX028	Penrice
00NX029	Pont-Lliw
00NX030	Pontardulais
00NX031	Port Eynon
00NX032	Reynoldston
00NX033	Rhossili
00NX034	St. Thomas
00NX035	Sketty
00NX036	Townhill
00NX037	Uplands
00NX038	Upper Killay
00NZ001	Aberavon
00NZ002	Baglan
00NZ003	Baglan Bay
00NZ004	Blaengwrach
00NZ005	Blaenhonddan
00NZ006	Briton Ferry
00NZ007	Bryn

00NZ008	Cilybebyll
00NZ009	Clyne and Melincourt
00NZ010	Coedffranc
00NZ011	Crynant
00NZ012	Cwmavon
00NZ013	Cwmllynfell
00NZ014	Dyffryn Clydach
00NZ015	Glyncorrwg
00NZ016	Glynneath
00NZ017	Gwaun-Cae-Gurwen
00NZ018	Margam
00NZ019	Margam Moors
00NZ020	Neath
00NZ021	Onllwyn
00NZ022	Pelenna
00NZ023	Pontardawe
00NZ024	Port Talbot
00NZ025	Resolven
00NZ026	Sandfields East
00NZ027	Sandfields West
00NZ028	Seven Sisters
00NZ029	Taibach
00NZ030	Tonna
00NZ031	Ystalyfera
00PB001	Brackla
00PB002	Bridgend
00PB003	Cefn Cribwr
00PB004	Coity Higher
00PB005	Coychurch Higher
00PB006	Coychurch Lower
00PB008	Garw Valley
00PB009	Laleston
00PB010	Llangynwyd Lower
00PB011	Llangynwyd Middle
00PB012	Maesteg
00PB013	Merthyr Mawr
00PB014	Newcastle Higher
00PB015	Ogmore Valley
00PB016	Pencoed
00PB017	Porthcawl



00PB018	St. Bride's Minor
00PB019	Ynysawdre
00PB020	Cornelly
00PB021	Pyle
00PD001	Barry
00PD002	Colwinston
00PD003	Cowbridge with Llanblethian
00PD004	Dinas Powys
00PD005	Ewenny
00PD006	Llancarfan
00PD007	Llandough
00PD008	Llandow
00PD009	Llanfair
00PD010	Llangan
00PD011	Llan-maes
00PD012	Llantwit Major
00PD013	Michaelston
00PD014	Penarth
00PD015	Pendoylan
00PD016	Penllyn
00PD017	Peterston-super-Ely
00PD018	Rhose
00PD019	St. Athan
00PD020	St. Bride's Major
00PD021	St. Donats
00PD022	St. Georges-super-Ely
00PD023	St. Nicholas and Bonvilston
00PD024	Sully
00PD025	Welsh St. Donats
00PD026	Wenvoe
00PD027	Wick
00PF001	Aberaman
00PF002	Abercynon
00PF003	Aberdare
00PF004	Cwmbach
00PF005	Cwm Clydach
00PF006	Cymmer
00PF007	Ferndale
00PF008	Gilfach Goch
00PF009	Hirwaun

00PF010	Llanharan
00PF011	Llanharry
00PF012	Llantrisant
00PF013	Llantwit Fardre
00PF014	Llwydcoed
00PF015	Llwyn-y-pia
00PF016	Maerdy
00PF017	Mountain Ash
00PF018	Penrhiwceiber
00PF019	Pentre
00PF020	Pen-y-graig
00PF021	Pen-y-waun
00PF022	Pont-y-clun
00PF023	Pontypridd
00PF024	Porth
00PF025	Rhigos
00PF026	Taffs Well
00PF027	Tonypandy
00PF028	Tonyrefail
00PF029	Trehafod
00PF030	Treherbert
00PF031	Trealaw
00PF032	Treorchy
00PF033	Tylorstown
00PF034	Ynyshir
00PF035	Ynysybwl and Coed-y-cwm
00PF036	Ystrad
00PH001	Bedlinog
00PH002	Cyfarthfa
00PH003	Dowlais
00PH004	Gurnos
00PH005	Merthyr Vale
00PH006	Pant
00PH007	Park
00PH008	Penydarren
00PH009	Town
00PH010	Treharris
00PH011	Troed-y-rhiw
00PH012	Vaynor
00PK001	Abercarn

00PK002	Aber Valley
00PK003	Argoed
00PK004	Bargoed
00PK005	Bedwas, Trethomas and Machen
00PK006	Blackwood
00PK007	Caerphilly
00PK008	Cefn Fforest
00PK009	Crosskeys
00PK010	Crumlin
00PK011	Darran Valley
00PK012	Gelligaer
00PK013	Llanbradach and Pwllypant
00PK014	Maesycwmmmer
00PK015	Nelson
00PK016	Newbridge
00PK017	New Tredegar
00PK018	Pengam
00PK019	Penmaen
00PK020	Penyrheol, Trecenydd and Energlyn
00PK021	Pontllanfraith
00PK022	Rhymney
00PK023	Risca
00PK024	Rudry
00PK025	Van
00PK026	Ynysddu
00PL001	Abertillery
00PL002	Beaufort
00PL003	Brynmawr
00PL004	Cwm
00PL005	Ebbw Vale
00PL006	Llanhilleth
00PL007	Nantyglo and Blaina
00PL008	Tredegar
00PM001	Abersychan
00PM002	Blaenavon
00PM003	Croesyceiliog
00PM004	Cwmbran Central
00PM005	Fairwater
00PM006	Henllys
00PM007	Llantarnam

00PM008	Llanyrafon
00PM009	New Inn
00PM010	Panteg
00PM011	Pen Tranch
00PM012	Ponthir
00PM013	Pontnewydd
00PM014	Pontymoile
00PM015	Trevethin
00PM016	Upper Cwmbran
00PP001	Abergavenny
00PP002	Caerwent
00PP003	Caldicot
00PP004	Chepstow
00PP005	Crucorney
00PP006	Devauden
00PP007	Goetre Fawr
00PP008	Grosmont
00PP009	Gwehelog Fawr
00PP010	Llanarth
00PP011	Llanbadoc
00PP012	Llanelly
00PP013	Llanfoist Fawr
00PP014	Llangattock-Vibon-Avel
00PP015	Llangwm
00PP016	Llangybi
00PP017	Llanhennock
00PP018	Llanover
00PP019	Llantilio Crossenny
00PP020	Llantilio Pertholey
00PP021	Llantrisant Fawr
00PP022	Magor with Undy
00PP023	Mathern
00PP024	Mitchel Troy
00PP025	Monmouth
00PP026	Portskewett
00PP027	Raglan
00PP028	Rogiet
00PP029	St. Arvans
00PP030	Shirenewton
00PP031	Tintern

00PP032	Trellech United
00PP033	Usk
00PR001	Allt-yr-yn
00PR002	Alway
00PR003	Beechwood
00PR004	Bettws
00PR005	Bishton
00PR006	Caerleon
00PR007	Coedkernew
00PR008	Gaer
00PR009	Goldcliff
00PR010	Graig
00PR011	Langstone
00PR012	Liswerry
00PR013	Llanvaches
00PR014	Llanwern
00PR015	Malpas
00PR016	Marshfield
00PR017	Michaelstone-y-Fedw
00PR018	Nash
00PR019	Penhow
00PR020	Pillgwenlly
00PR021	Redwick
00PR022	Ringland
00PR023	Rogerstone
00PR024	St. Julians
00PR025	Shaftesbury
00PR026	Stow Hill
00PR027	Tredegar Park
00PR028	Victoria
00PR029	Wentlooge
00PT001	Adamsdown
00PT002	Butetown
00PT003	Caerau
00PT004	Canton
00PT005	Castle
00PT006	Cathays
00PT007	Cyncoed
00PT008	Ely
00PT009	Fairwater

00PT010	Gabalfa
00PT011	Grangetown
00PT012	Heath
00PT013	Lisvane
00PT014	Llandaff
00PT015	Llandaff North
00PT016	Llanishen
00PT017	Llanrumney
00PT018	Pentwyn
00PT019	Pentyrch
00PT020	Plasnewydd
00PT021	Radyr and Morganstown
00PT022	Rhiwbina
00PT023	Riverside
00PT024	Roath
00PT025	Rumney
00PT026	St. Fagans
00PT028	Splott
00PT029	Tongwynlais
00PT030	Trowbridge
00PT031	Whitchurch
00PT032	Old St. Mellons
00PT033	Pontprennau
09UC001	Ampthill
09UC002	Arlesey
09UC003	Aspley Guise
09UC004	Aspley Heath
09UC005	Astwick
09UC006	Battlesden
09UC007	Biggleswade
09UC008	Blunham
09UC009	Brogborough
09UC010	Campton and Chicksands
09UC011	Clifton
09UC012	Clophill
09UC013	Cranfield
09UC014	Dunton
09UC015	Edworth
09UC016	Eversholt
09UC017	Everton

09UC018	Eyeworth
09UC019	Flitton and Greenfield
09UC020	Flitwick
09UC021	Gravenhurst
09UC022	Harlington
09UC023	Haynes
09UC024	Henlow
09UC025	Houghton Conquest
09UC026	Hulcote and Salford
09UC027	Husborne Crawley
09UC028	Langford
09UC029	Lidlington
09UC030	Marston Moretaine
09UC031	Maulden
09UC032	Meppershall
09UC033	Millbrook
09UC034	Milton Bryan
09UC035	Mogerhanger
09UC036	Northill
09UC037	Old Warden
09UC038	Potsgrove
09UC039	Potton
09UC040	Pulloxhill
09UC041	Ridgmont
09UC042	Sandy
09UC043	Shefford
09UC044	Shillington
09UC045	Silsoe
09UC046	Southill
09UC047	Steppingley
09UC048	Stondon
09UC049	Stotfold
09UC050	Sutton
09UC051	Tempsford
09UC052	Tingrith
09UC053	Westoning
09UC054	Woburn
09UC055	Wrestlingworth and Cockayne Hatley
09UD001	Biddenham
09UD002	Bletsoe

09UD003	Bolnhurst and Keysoe
09UD004	Bromham
09UD005	Cardington
09UD006	Carlton and Chellington
09UD007	Clapham
09UD008	Colmworth
09UD009	Cople
09UD010	Dean and Shelton
09UD011	Eastcotts
09UD012	Elstow
09UD013	Felmersham
09UD014	Great Barford
09UD015	Harrold
09UD016	Kempston
09UD017	Kempston Rural
09UD018	Knotting and Souldrop
09UD019	Little Barford
09UD020	Little Staughton
09UD021	Melchbourne and Yielden
09UD022	Milton Ernest
09UD023	Oakley
09UD024	Odell
09UD025	Pavenham
09UD026	Pertenhall
09UD027	Podington
09UD028	Ravensden
09UD029	Renhold
09UD030	Riseley
09UD031	Roxton
09UD032	Sharnbrook
09UD033	Stagsden
09UD034	Staploe
09UD035	Stevington
09UD036	Stewartby
09UD037	Swineshead
09UD038	Thurleigh
09UD039	Turvey
09UD040	Wilden
09UD041	Willington
09UD042	Wilshamstead



09UD043	Wootton
09UD044	Wymington
09UD045	Brickhill
09UE001	Barton-le-Clay
09UE002	Great Billington
09UE003	Caddington
09UE004	Chalgrave
09UE005	Dunstable
09UE006	Eaton Bray
09UE007	Eggington
09UE008	Heath and Reach
09UE009	Hockliffe
09UE010	Houghton Regis
09UE011	Hyde
09UE012	Kensworth
09UE013	Leighton-Linslade
09UE014	Stanbridge
09UE015	Streatley
09UE016	Studham
09UE017	Sundon
09UE018	Tilsworth
09UE019	Toddington
09UE020	Totternhoe
09UE021	Whipsnade
09UE022	Chalton
09UE023	Slip End
11UB001	Addington
11UB002	Adstock
11UB003	Akeley
11UB004	Ashendon
11UB005	Aston Abbotts
11UB006	Aston Clinton
11UB007	Aston Sandford
11UB008	Barton Hartshorn
11UB009	Beachampton
11UB010	Biddlesden
11UB011	Bierton with Broughton
11UB012	Boarstall
11UB013	Brill
11UB014	Buckingham

11UB015	Buckland
11UB016	Charndon
11UB017	Chearsley
11UB018	Cheddington
11UB019	Chetwode
11UB020	Chilton
11UB021	Creslow
11UB022	Cublington
11UB023	Cuddington
11UB024	Dinton-with-Ford and Upton
11UB025	Dorton
11UB026	Drayton Beauchamp
11UB027	Drayton Parslow
11UB028	Dunton
11UB029	East Claydon
11UB030	Edgcott
11UB031	Edlesborough
11UB032	Fleet Marston
11UB033	Foscott
11UB034	Gawcott with Lenborough
11UB035	Granborough
11UB036	Great Brickhill
11UB037	Great Horwood
11UB038	Grendon Underwood
11UB039	Haddenham
11UB040	Halton
11UB041	Hardwick
11UB042	Hillesden
11UB043	Hoggeston
11UB044	Hogshaw
11UB045	Hulcott
11UB046	Ickford
11UB047	Ivinghoe
11UB048	Kingsey
11UB049	Kingswood
11UB050	Leckhampstead
11UB051	Lillingstone Dayrell with Luffield Abbey
11UB052	Lillingstone Lovell
11UB053	Little Horwood
11UB054	Long Crendon

11UB055	Lower Winchendon
11UB056	Ludgershall
11UB058	Maids Moreton
11UB059	Marsh Gibbon
11UB060	Marsworth
11UB061	Mentmore
11UB062	Middle Claydon
11UB063	Mursley
11UB064	Nash
11UB065	Newton Longville
11UB066	North Marston
11UB067	Oakley
11UB068	Oving
11UB069	Padbury
11UB070	Pitchcott
11UB071	Pitstone
11UB072	Poundon
11UB073	Preston Bissett
11UB074	Quainton
11UB075	Quarrendon
11UB076	Radclive-cum-Chackmore
11UB077	Shabbington
11UB078	Shalstone
11UB079	Slapton
11UB080	Soulbury
11UB081	Steeple Claydon
11UB082	Stewkley
11UB083	Stoke Hammond
11UB084	Stoke Mandeville
11UB085	Stone with Bishopstone and Hartwell
11UB086	Stowe
11UB087	Swanbourne
11UB088	Thornborough
11UB089	Thornton
11UB090	Tingewick
11UB091	Turweston
11UB092	Twyford
11UB093	Upper Winchendon
11UB094	Waddesdon
11UB095	Water Stratford

11UB096	Weedon
11UB097	Wendover
11UB098	Westbury
11UB099	Westcott
11UB100	Weston Turville
11UB101	Whaddon
11UB102	Whitchurch
11UB103	Wing
11UB104	Wingrave with Rowsham
11UB105	Winslow
11UB106	Woodham
11UB107	Worminghall
11UB108	Wotton Underwood
11UB109	Aylesbury
11UB110	Coldharbour
11UB111	Watermead
11UC001	Amersham
11UC002	Ashley Green
11UC003	Chalfont St. Giles
11UC004	Chalfont St. Peter
11UC005	Chartridge
11UC006	Chenies
11UC007	Chesham
11UC008	Chesham Bois
11UC009	Cholesbury-cum-St Leonards
11UC010	Coleshill
11UC011	Great Missenden
11UC012	Latimer
11UC013	Little Missenden
11UC014	Penn
11UC015	Seer Green
11UC016	The Lee
11UE001	Beaconsfield
11UE002	Burnham
11UE003	Denham
11UE004	Dorney
11UE005	Farnham Royal
11UE006	Fulmer
11UE007	Gerrards Cross
11UE008	Hedgerley

11UE009	Iver
11UE010	Stoke Poges
11UE011	Taplow
11UE012	Wexham
11UF001	Bledlow-cum-Saunderton
11UF002	Bradenham
11UF003	Chepping Wycombe
11UF004	Downley
11UF005	Ellesborough
11UF006	Fawley
11UF007	Great and Little Hampden
11UF008	Great and Little Kimble
11UF009	Great Marlow
11UF010	Hambleden
11UF011	Hazlemere
11UF012	Hedsor
11UF013	Hughenden
11UF014	Ibstone
11UF015	Lacey Green
11UF016	Lane End
11UF017	Little Marlow
11UF018	Longwick-cum-Ilmer
11UF019	Marlow
11UF020	Medmenham
11UF021	Piddington and Wheeler End
11UF022	Princes Risborough
11UF023	Radnage
11UF024	Stokenchurch
11UF025	Turville
11UF026	West Wycombe
11UF027	Wooburn
12UC001	Ashley
12UC002	Bottisham
12UC003	Brinkley
12UC004	Burrough Green
12UC005	Burwell
12UC006	Cheveley
12UC007	Chippenham
12UC008	Coveney
12UC009	Downham

12UC010	Dullingham
12UC011	Ely
12UC012	Fordham
12UC013	Haddenham
12UC014	Isleham
12UC015	Kennett
12UC016	Kirtling
12UC017	Littleport
12UC018	Lode
12UC019	Mepal
12UC020	Reach
12UC021	Snailwell
12UC022	Soham
12UC023	Stetchworth
12UC024	Stretham
12UC025	Sutton
12UC026	Swaffham Bulbeck
12UC027	Swaffham Prior
12UC028	Thetford
12UC029	Wentworth
12UC030	Westley Waterless
12UC031	Wicken
12UC032	Wilburton
12UC033	Witcham
12UC034	Witchford
12UC035	Woodditton
12UD001	Benwick
12UD002	Chatteris
12UD003	Doddington
12UD004	Elm
12UD005	Leverington
12UD006	Manea
12UD007	March
12UD008	Newton
12UD009	Parson Drove
12UD010	Tydd St. Giles
12UD011	Christchurch
12UD012	Whittlesey
12UD013	Wimblington
12UD014	Wisbech

12UD015	Wisbech St. Mary
12UD016	Gorefield
12UE001	Abbotsley
12UE002	Abbots Ripton
12UE003	Alconbury
12UE004	Alconbury Weston
12UE005	Alwalton
12UE006	Barham and Woolley
12UE007	Bluntisham
12UE008	Brampton
12UE009	Brington and Molesworth
12UE010	Broughton
12UE011	Buckden
12UE012	Buckworth
12UE013	Bury
12UE014	Bythorn and Keyston
12UE015	Catworth
12UE016	Chesterton
12UE017	Colne
12UE018	Conington
12UE019	Covington
12UE020	Denton and Caldecote
12UE021	Diddington
12UE022	Earith
12UE023	Easton
12UE024	Ellington
12UE025	Elton
12UE026	Eynesbury Hardwicke
12UE027	Farcet
12UE028	Fenstanton
12UE029	Folksworth and Washingley
12UE030	Glatton
12UE031	Godmanchester
12UE032	Grafham
12UE033	Great Gidding
12UE034	Great Gransden
12UE035	Great Paxton
12UE036	Great Staughton
12UE037	Haddon
12UE038	Hail Weston

12UE039	Hamerton
12UE040	Hemingford Abbots
12UE041	Hemingford Grey
12UE042	Hilton
12UE043	Holme
12UE044	Holywell-cum-Needingworth
12UE045	Houghton and Wyton
12UE046	Huntingdon
12UE047	Kimbolton
12UE048	Kings Ripton
12UE049	Leighton
12UE050	Little Gidding
12UE051	Little Paxton
12UE052	Morborne
12UE053	Offord Cluny
12UE054	Offord Darcy
12UE055	Old Hurst
12UE056	Old Weston
12UE057	Perry
12UE058	Pidley cum Fenton
12UE059	Ramsey
12UE060	Saint Ives
12UE061	St. Neots
12UE062	St. Neots Rural
12UE063	Sawtry
12UE064	Sibson-cum-Stibbington
12UE065	Somersham
12UE066	Southoe and Midloe
12UE067	Spaldwick
12UE068	Steeple Gidding
12UE069	Stilton
12UE070	Stow Longa
12UE071	Tetworth
12UE072	The Stukeleys
12UE073	Tilbrook
12UE074	Toseland
12UE075	Upton and Coppingford
12UE076	Upwood and the Raveleys
12UE077	Warboys
12UE078	Waresley



12UE079	Water Newton
12UE080	Winwick
12UE081	Wistow
12UE082	Woodhurst
12UE083	Wood Walton
12UE084	Yaxley
12UE085	Yelling
12UG001	Abington Pigotts
12UG002	Arrington
12UG003	Babraham
12UG004	Balsham
12UG005	Bar Hill
12UG006	Barrington
12UG007	Bartlow
12UG008	Barton
12UG009	Bassingbourn cum Kneesworth
12UG010	Bourn
12UG011	Boxworth
12UG012	Caldecote
12UG013	Carlton
12UG014	Castle Camps
12UG015	Caxton
12UG016	Childerley
12UG017	Comberton
12UG018	Conington
12UG019	Coton
12UG020	Cottenham
12UG021	Croxton
12UG022	Croydon
12UG023	Dry Drayton
12UG024	Duxford
12UG025	Elsworth
12UG026	Eltisley
12UG027	Fen Ditton
12UG028	Fen Drayton
12UG029	Fowlmere
12UG030	Foxton
12UG031	Fulbourn
12UG032	Gamlingay
12UG033	Girton

12UG034	Grantchester
12UG035	Graveley
12UG036	Great Abington
12UG037	Great and Little Chishill
12UG038	Great Eversden
12UG039	Great Shelford
12UG040	Great Wilbraham
12UG041	Guilden Morden
12UG042	Hardwick
12UG043	Harlton
12UG044	Harston
12UG045	Haslingfield
12UG046	Hatley
12UG047	Hauxton
12UG048	Heydon
12UG049	Hildersham
12UG050	Hinxton
12UG051	Histon
12UG052	Horningsea
12UG053	Horseheath
12UG054	Ickleton
12UG055	Impington
12UG056	Kingston
12UG057	Knapwell
12UG058	Landbeach
12UG059	Linton
12UG060	Litlington
12UG061	Little Abington
12UG062	Little Eversden
12UG063	Little Gransden
12UG064	Little Shelford
12UG065	Little Wilbraham
12UG066	Lolworth
12UG067	Longstanton
12UG068	Longstowe
12UG069	Madingley
12UG070	Melbourn
12UG071	Meldreth
12UG072	Milton
12UG073	Newton

12UG074	Oakington and Westwick
12UG075	Orwell
12UG076	Over
12UG077	Pampisford
12UG078	Papworth Everard
12UG079	Papworth St. Agnes
12UG080	Rampton
12UG081	Sawston
12UG082	Shepreth
12UG083	Shingay cum Wendy
12UG084	Shudy Camps
12UG085	Stapleford
12UG086	Steeple Morden
12UG087	Stow cum Quy
12UG088	Swavesey
12UG089	Tadlow
12UG090	Teversham
12UG091	Thriplow
12UG092	Toft
12UG093	Waterbeach
12UG094	Weston Colville
12UG095	West Wickham
12UG096	West Wrating
12UG097	Whaddon
12UG098	Whittlesford
12UG099	Willingham
12UG100	Wimpole
12UG101	Cambourne
13UB001	Agden
13UB002	Aldersey
13UB003	Aldford
13UB004	Ashton Hayes
13UB005	Bache
13UB006	Backford
13UB007	Barrow
13UB008	Barton
13UB009	Beeston
13UB010	Bickley
13UB011	Bradley
13UB012	Bridge Trafford

13UB013	<b>Broxton</b>
13UB014	<b>Bruen Stapleford</b>
13UB015	<b>Buerton</b>
13UB016	<b>Burton</b>
13UB017	<b>Burwardsley</b>
13UB018	<b>Caldecott</b>
13UB019	<b>Capenhurst</b>
13UB020	<b>Carden</b>
13UB021	<b>Caughall</b>
13UB022	<b>Chester Castle</b>
13UB023	<b>Chidlow</b>
13UB024	<b>Chorlton</b>
13UB025	<b>Chorlton-by-Backford</b>
13UB026	<b>Chowley</b>
13UB027	<b>Christleton</b>
13UB028	<b>Church Shocklach</b>
13UB029	<b>Churton by Aldford</b>
13UB030	<b>Churton by Farndon</b>
13UB031	<b>Churton Heath</b>
13UB032	<b>Claverton</b>
13UB033	<b>Clotton Hoofield</b>
13UB034	<b>Clutton</b>
13UB035	<b>Coddington</b>
13UB036	<b>Cotton Abbots</b>
13UB037	<b>Cotton Edmunds</b>
13UB038	<b>Crewe by Farndon</b>
13UB039	<b>Croughton</b>
13UB040	<b>Cuddington</b>
13UB041	<b>Dodleston</b>
13UB042	<b>Duckington</b>
13UB043	<b>Duddon</b>
13UB044	<b>Dunham-on-the-Hill</b>
13UB045	<b>Eaton</b>
13UB046	<b>Eccleston</b>
13UB047	<b>Edge</b>
13UB048	<b>Edgerley</b>
13UB049	<b>Elton</b>
13UB050	<b>Farndon</b>
13UB051	<b>Fouk Stapleford</b>
13UB052	<b>Golborne Bellow</b>

13UB053	Golborne David
13UB054	Grafton
13UB055	Great Boughton
13UB056	Guilden Sutton
13UB057	Hampton
13UB058	Handley
13UB059	Hapsford
13UB060	Harthill
13UB061	Hatton
13UB062	Hockenhull
13UB063	Hoole Village
13UB064	Horton-by-Malpas
13UB065	Horton-cum-Peel
13UB066	Huntington
13UB067	Huxley
13UB068	Iddinshall
13UB069	Kelsall
13UB070	Kings Marsh
13UB071	Larkton
13UB072	Lea-by-Backford
13UB073	Lea Newbold
13UB074	Ledsham
13UB075	Little Stanney
13UB076	Littleton
13UB077	Lower Kinnerton
13UB078	Macefen
13UB079	Malpas
13UB080	Marlston-cum-Lache
13UB081	Mickle Trafford
13UB082	Mollington
13UB083	Moston
13UB084	Mouldsworth
13UB085	Newton by Malpas
13UB086	Newton-by-Tattenhall
13UB087	Oldcastle
13UB088	Overton
13UB089	Picton
13UB090	Poulton
13UB091	Prior's Heys
13UB092	Puddington

13UB093	Pulford
13UB094	Rowton
13UB095	Saighton
13UB096	Saughall
13UB097	Shocklach Oviatt
13UB098	Shotwick
13UB099	Shotwick Park
13UB100	Stockton
13UB101	Stoke
13UB102	Stretton
13UB103	Tarvin
13UB104	Tattenhall
13UB105	Threapwood
13UB106	Thornton-le-Moors
13UB107	Tilston
13UB108	Tilstone Fearnall
13UB109	Tiverton
13UB110	Tushingam cum Grindley
13UB111	Upton-by-Chester
13UB112	Waverton
13UB113	Wervin
13UB114	Wigland
13UB115	Willington
13UB116	Wimbolds Trafford
13UB117	Woodbank
13UB118	Wychough
13UC001	Alsager
13UC002	Arclid
13UC003	Betchton
13UC004	Bradwall
13UC005	Brereton
13UC006	Church Lawton
13UC007	Congleton
13UC008	Cranage
13UC009	Goostrey
13UC010	Hassall
13UC011	Holmes Chapel
13UC012	Hulme Walfield
13UC013	Middlewich
13UC014	Moreton cum Alcumlow

13UC015	Moston
13UC016	Newbold Astbury
13UC017	Odd Rode
13UC018	Sandbach
13UC019	Smallwood
13UC020	Somerford
13UC021	Somerford Booths
13UC022	Swettenham
13UC023	Twemlow
13UD001	Acton
13UD002	Alpraham
13UD003	Aston juxta Mondrum
13UD004	Audlem
13UD005	Austerson
13UD006	Baddiley
13UD007	Baddington
13UD008	Barthomley
13UD009	Basford
13UD010	Batherton
13UD011	Bickerton
13UD012	Blakenhall
13UD013	Bridgemere
13UD014	Brindley
13UD015	Broomhall
13UD016	Buerton
13UD017	Bulkeley
13UD018	Bunbury
13UD019	Burland
13UD020	Calveley
13UD021	Checkley cum Wrinehill
13UD022	Cholmondeley
13UD023	Cholmondeston
13UD024	Chorley
13UD025	Chorlton
13UD026	Church Minshull
13UD027	Coole Pilate
13UD028	Crewe Green
13UD029	Dodcott cum Wilkesley
13UD030	Doddington
13UD031	Edleston

13UD032	Egerton
13UD033	Faddiley
13UD034	Hankelow
13UD035	Haslington
13UD036	Hatherton
13UD037	Haughton
13UD038	Henhull
13UD039	Hough
13UD040	Hunsterson
13UD041	Hurleston
13UD042	Lea
13UD043	Leighton
13UD044	Marbury cum Quoisley
13UD045	Minshull Vernon
13UD046	Nantwich
13UD047	Newhall
13UD048	Norbury
13UD049	Peckforton
13UD050	Poole
13UD051	Ridley
13UD052	Rope
13UD053	Shavington cum Gresty
13UD054	Sound
13UD055	Spurstow
13UD056	Stapeley
13UD057	Stoke
13UD058	Walgherton
13UD059	Wardle
13UD060	Warmingham
13UD061	Weston
13UD062	Wettenhall
13UD063	Willaston
13UD064	Wirswall
13UD065	Wistaston
13UD066	Woolstanwood
13UD067	Worleston
13UD068	Wrenbury cum Frith
13UD069	Wybunbury
13UE001	Ince
13UG001	Adlington



13UG002	Agden
13UG003	Alderley Edge
13UG004	Ashley
13UG005	Aston by Budworth
13UG006	Bexton
13UG007	Bollington
13UG008	Bosley
13UG009	Chelford
13UG010	Chorley
13UG011	Disley
13UG012	Eaton
13UG013	Gawsworth
13UG014	Great Warford
13UG015	Henbury
13UG016	High Legh
13UG017	Higher Hurdsfield
13UG018	Kettleshulme
13UG019	Knutsford
13UG020	Little Bollington
13UG021	Little Warford
13UG022	Lower Withington
13UG023	Lyme Handley
13UG024	Macclesfield Forest and Wildboarclough
13UG025	Marthall
13UG026	Marton
13UG027	Mere
13UG028	Millington
13UG029	Mobberley
13UG030	Mottram St. Andrew
13UG031	Nether Alderley
13UG032	North Rode
13UG033	Ollerton
13UG034	Over Alderley
13UG035	Peover Inferior
13UG036	Peover Superior
13UG037	Pickmere
13UG038	Plumley
13UG039	Pott Shrigley
13UG040	Poynton-with-Worth
13UG041	Prestbury

13UG042	Rainow
13UG043	Rostherne
13UG044	Siddington
13UG045	Snelson
13UG046	Sutton
13UG047	Tabley Inferior
13UG048	Tabley Superior
13UG049	Tatton
13UG050	Toft
13UG051	Wincle
13UH001	Acton Bridge
13UH002	Allostock
13UH003	Alvanley
13UH004	Anderton with Marbury
13UH005	Antrobus
13UH006	Aston
13UH007	Barnton
13UH008	Bostock
13UH009	Byley
13UH010	Comberbach
13UH011	Crowton
13UH012	Cuddington
13UH013	Darnhall
13UH014	Davenham
13UH015	Delamere
13UH016	Dutton
13UH017	Frodsham
13UH018	Great Budworth
13UH019	Hartford
13UH020	Helsby
13UH021	Kingsley
13UH022	Lach Dennis
13UH023	Little Budworth
13UH024	Little Leigh
13UH025	Lostock Gralam
13UH026	Manley
13UH027	Marston
13UH028	Moulton
13UH029	Nether Peover
13UH030	Norley

13UH031	Northwich
13UH032	Oakmere
13UH033	Rudheath
13UH034	Rushton
13UH035	Sproston
13UH036	Stanthorne
13UH037	Sutton
13UH038	Tarporley
13UH039	Utkinton
13UH040	Weaverham
13UH041	Whitegate and Marton
13UH042	Whitley
13UH043	Wimboldsley
13UH044	Wincham
13UH045	Winsford
15UB001	Antony
15UB002	Boconnoc
15UB003	Botusfleming
15UB004	Broadoak
15UB005	Callington
15UB006	Calstock
15UB007	Dobwalls and Trewidland
15UB008	Duloe
15UB009	Landrake with St. Erney
15UB010	Landulph
15UB011	Lanreath
15UB012	Lansallos
15UB013	Lanteglos
15UB014	Linkinhorne
15UB015	Liskeard
15UB016	Looe
15UB017	Maker-with-Rame
15UB018	Menheniot
15UB019	Millbrook
15UB020	Morval
15UB021	Pelynt
15UB022	Pillaton
15UB023	Quethiock
15UB024	St. Cleer
15UB025	St. Dominick

15UB027	St. Ive
15UB028	St. John
15UB029	St. Keyne
15UB030	St. Martin-by-Looe
15UB031	St. Mellion
15UB032	St. Neot
15UB033	St. Pinnock
15UB034	St. Veep
15UB035	St. Winnow
15UB036	Saltash
15UB037	Sheviock
15UB038	South Hill
15UB039	Torpoint
15UB040	Warleggan
15UB041	St. Germans
15UB042	Deviock
15UC001	Chacewater
15UC002	Cubert
15UC003	Cuby
15UC004	Falmouth
15UC005	Feock
15UC006	Gerrans
15UC007	Gwennap
15UC008	Kea
15UC009	Kenwyn
15UC010	Ladock
15UC011	Mylor
15UC012	Penryn
15UC013	Perranarworthal
15UC014	Perranzabuloe
15UC015	Philleigh
15UC016	Probus
15UC017	Ruanlanihorne
15UC018	St. Agnes
15UC019	St. Allen
15UC020	St. Clement
15UC021	St. Erme
15UC022	St. Just-in-Roseland
15UC023	St. Michael Penkevil
15UC024	St. Newlyn East

15UC025	Tregoney
15UC026	Truro
15UC027	Veryan
15UD001	Breage
15UD002	Budock
15UD003	Camborne
15UD004	Carharrack
15UD005	Carn Brea
15UD006	Constantine
15UD007	Crowan
15UD008	Cury
15UD009	Germoe
15UD010	Grade-Ruan
15UD011	Gunwalloe
15UD012	Gweek
15UD013	Helston
15UD014	Illogan
15UD015	Landewednack
15UD016	Lanner
15UD017	Mabe
15UD018	Manaccan
15UD019	Mawgan-in-Meneage
15UD020	Mawnan
15UD021	Mullion
15UD022	Porthleven
15UD023	Portreath
15UD024	Redruth
15UD025	St. Anthony-in-Meneage
15UD026	St. Day
15UD027	St. Gluvias
15UD028	St. Keverne
15UD029	St. Martin-in-Meneage
15UD030	Sithney
15UD031	Stithians
15UD032	Wendron
15UE001	Advent
15UE002	Altarnun
15UE003	Blisland
15UE004	Bodmin
15UE005	Boyton

15UE006	Bude-Stratton
15UE007	Camelford
15UE008	Cardinham
15UE009	Davidstow
15UE010	Egloshayle
15UE011	Egloskerry
15UE012	Forrabury and Minster
15UE013	Helland
15UE014	Jacobstow
15UE015	Kilkhampton
15UE016	Laneast
15UE017	Lanhydrock
15UE018	Lanivet
15UE019	Launcells
15UE020	Launceston
15UE021	Lawhitton Rural
15UE022	Lesnewth
15UE023	Lewannick
15UE024	Lezant
15UE025	Marhamchurch
15UE026	Michaelstow
15UE027	Morwenstow
15UE028	North Hill
15UE029	North Petherwin
15UE030	North Tamerton
15UE031	Otterham
15UE032	Padstow
15UE033	Poundstock
15UE034	St. Breock
15UE035	St. Breward
15UE036	St. Clether
15UE037	St. Endellion
15UE038	St. Ervan
15UE039	St. Eval
15UE040	St. Gennys
15UE041	St. Issey
15UE042	St. Juliot
15UE043	St. Kew
15UE044	St. Mabyn
15UE045	St. Merryn

15UE046	St. Minver Highlands
15UE047	St. Minver Lowlands
15UE048	St. Stephens by Launceston Rural
15UE049	St. Teath
15UE050	St. Thomas the Apostle Rural
15UE051	St. Tudy
15UE052	South Petherwin
15UE053	Stokeclimsland
15UE054	Tintagel
15UE055	Tremaine
15UE056	Treneglos
15UE057	Tresmeer
15UE058	Trevalga
15UE059	Trewen
15UE060	Wadebridge
15UE061	Warbstow
15UE062	Week St. Mary
15UE063	Werrington
15UE064	Whitstone
15UE065	Withiel
15UF001	Gwinear-Gwithian
15UF002	Hayle
15UF003	Ludgvan
15UF004	Madron
15UF005	Marazion
15UF006	Morvah
15UF007	Paul
15UF008	Penzance
15UF009	Perranuthnoe
15UF010	St. Buryan
15UF011	St. Erth
15UF012	St. Hilary
15UF013	St. Ives
15UF014	St. Just
15UF015	St. Levan
15UF016	St. Michael's Mount
15UF017	Sancreed
15UF018	Sennen
15UF019	Towednack
15UF020	Zennor

15UG001	Colan
15UG002	Crantock
15UG003	Fowey
15UG004	Grampond with Creed
15UG005	Lanlivery
15UG006	Lostwithiel
15UG007	Luxulyan
15UG008	Mawgan-in-Pydar
15UG009	Mevagissey
15UG010	Newquay
15UG011	Roche
15UG012	St. Blaise
15UG013	St. Columb Major
15UG014	St. Dennis
15UG015	St. Enoher
15UG016	St. Ewe
15UG017	St. Goran
15UG018	St. Mewan
15UG019	St. Michael Caerhays
15UG020	St. Sampson
15UG021	St. Stephen-in-Brannel
15UG022	St. Wenn
15UG023	Treverbyn
15UG024	Tywardreath
15UH001	Bryher
15UH002	St. Agnes
15UH003	St. Martin's
15UH004	St. Mary's
15UH005	Tresco
16UB001	Above Derwent
16UB002	Aikton
16UB003	Allhallows
16UB004	Allonby
16UB005	Aspatria
16UB006	Bassenthwaite
16UB007	Bewaldeth and Snittlegarth
16UB008	Blennerhasset and Torpenhow
16UB009	Blindbothel
16UB010	Blindcrake
16UB011	Boltons



16UB012	Borrowdale
16UB013	Bothel and Threapland
16UB014	Bowness
16UB015	Bridekirk
16UB016	Brigham
16UB017	Bromfield
16UB018	Broughton
16UB019	Broughton Moor
16UB020	Buttermere
16UB021	Caldbeck
16UB022	Camerton
16UB023	Cockermouth
16UB024	Crosscanonby
16UB025	Dean
16UB026	Dearham
16UB027	Dundraw
16UB028	Embleton
16UB029	Gilcrux
16UB030	Great Clifton
16UB031	Greysouthen
16UB032	Hayton and Mealo
16UB033	Holme Abbey
16UB034	Holme East Waver
16UB035	Holme Low
16UB036	Holme St Cuthbert
16UB037	Ireby and Uldale
16UB038	Keswick
16UB039	Kirkbampton
16UB040	Kirkbride
16UB041	Little Clifton
16UB042	Lorton
16UB043	Lweswater
16UB044	Maryport
16UB045	Oughterside and Allerby
16UB046	Papcastle
16UB047	Plumbland
16UB048	St John's Castlerigg and Wythburn
16UB049	Seaton
16UB050	Sebergham
16UB051	Setmurthy

16UB052	Silloth-on-Solway
16UB053	Thursby
16UB054	Underskiddaw
16UB055	Waverton
16UB056	Westnewton
16UB057	Westward
16UB058	Wigton
16UB059	Winscales
16UB060	Woodside
16UB061	Workington
16UB062	Wythop
16UB063	Lands common to Holme Abbey, Holme Low and Holme St Cuthbert
16UC001	Askam and Ireleth
16UC002	Dalton Town with Newton
16UC003	Lindal and Marton
16UD001	Arthuret
16UD002	Askerton
16UD003	Beaumont
16UD004	Bewcastle
16UD005	Brampton
16UD006	Burgh by Sands
16UD007	Burtholme
16UD008	Carlatton
16UD009	Castle Carrock
16UD010	Cummersdale
16UD011	Cumrew
16UD012	Cumwhitton
16UD013	Dalston
16UD014	Farlam
16UD016	Hayton
16UD017	Hethersgill
16UD018	Irthington
16UD019	Kingmoor
16UD020	Kingwater
16UD021	Kirkandrews
16UD022	Kirklington Middle
16UD023	Midgeholme
16UD024	Nether Denton
16UD025	Nicholforest
16UD026	Orton

16UD027	Rockcliffe
16UD028	St Cuthbert Without
16UD029	Scaleby
16UD030	Solport
16UD031	Stanwix Rural
16UD032	Stapleton
16UD033	Upper Denton
16UD034	Walton
16UD035	Waterhead
16UD036	Westlinton
16UD037	Wetheral
16UE001	Arlecdon and Frizington
16UE002	Bootle
16UE003	Cleator Moor
16UE004	Distington
16UE005	Drigg and Carleton
16UE006	Egremont
16UE007	Ennerdale and Kinniside
16UE008	Eskdale
16UE009	Gosforth
16UE010	Haile
16UE011	Irton with Santon
16UE012	Lamplugh
16UE013	Lowca
16UE014	Lowside Quarter
16UE015	Millom
16UE016	Millom Without
16UE017	Moresby
16UE018	Muncaster
16UE019	Wasdale
16UE020	Parton
16UE021	Ponsonby
16UE022	St. Bees
16UE023	St. Bridget Beckermest
16UE024	St. John Beckermest
16UE025	Seascale
16UE026	Ulpha
16UE027	Waberthwaite
16UE028	Weddicar
16UE029	Whicham

16UF001	Ainstable
16UF002	Alston Moor
16UF003	Appleby-in-Westmorland
16UF004	Asby
16UF005	Askham
16UF006	Bampton
16UF007	Barton
16UF008	Bolton
16UF009	Brough
16UF010	Brougham
16UF011	Brough Sowerby
16UF012	Castle Sowerby
16UF013	Catterlen
16UF014	Cliburn
16UF015	Clifton
16UF016	Colby
16UF017	Crackenthorpe
16UF018	Crosby Garrett
16UF019	Crosby Ravensworth
16UF020	Culgaith
16UF021	Dacre
16UF022	Dufton
16UF023	Glassonby
16UF024	Great Salkeld
16UF025	Great Strickland
16UF026	Greystoke
16UF027	Hartley
16UF028	Helbeck
16UF029	Hesket
16UF030	Hoff
16UF031	Hunsonby
16UF032	Hutton
16UF033	Kaber
16UF034	King's Meaburn
16UF035	Kirkby Stephen
16UF036	Kirkby Thore
16UF037	Kirkoswald
16UF038	Langwathby
16UF039	Lazonby
16UF040	Little Strickland

16UF041	Long Marton
16UF042	Lowther
16UF043	Mallerstang
16UF044	Martindale
16UF045	Matterdale
16UF046	Milburn
16UF047	Morland
16UF048	Mungrisdale
16UF049	Murton
16UF050	Musgrave
16UF051	Nateby
16UF052	Newbiggin
16UF053	Newby
16UF054	Ormside
16UF055	Orton
16UF056	Ousby
16UF057	Patterdale
16UF058	Ravenstonedale
16UF059	Shap
16UF060	Shap Rural
16UF061	Skelton
16UF062	Sleagill
16UF063	Sockbridge and Tirril
16UF064	Soulby
16UF065	Stainmore
16UF066	Tebay
16UF067	Temple Sowerby
16UF068	Threlkeld
16UF069	Thrimby
16UF070	Waitby
16UF071	Warcop
16UF072	Wharton
16UF073	Winton
16UF074	Yanwath and Eamont Bridge
16UG001	Aldingham
16UG002	Angerton
16UG003	Arnside
16UG004	Barbon
16UG005	Beetham
16UG006	Blawith and Subberthwaite

16UG007	Broughton East
16UG008	Broughton West
16UG009	Burton-in-Kendal
16UG010	Cartmel Fell
16UG011	Casterton
16UG012	Claife
16UG013	Colton
16UG014	Coniston
16UG015	Crook
16UG016	Crosthwaite and Lyth
16UG017	Dent
16UG018	Docker
16UG019	Dunnerdale-with-Seathwaite
16UG020	Egton with Newland
16UG021	Fawcett Forest
16UG022	Firbank
16UG023	Garsdale
16UG024	Grange-over-Sands
16UG025	Grayrigg
16UG026	Haverthwaite
16UG027	Hawkshead
16UG028	Helsington
16UG029	Heversham
16UG030	Hincaster
16UG031	Holme
16UG032	Hugill
16UG033	Hutton Roof
16UG034	Kendal
16UG035	Kentmere
16UG036	Killington
16UG037	Kirkby Ireleth
16UG038	Kirkby Lonsdale
16UG039	Lakes
16UG040	Lambrigg
16UG041	Levens
16UG042	Longsleddale
16UG043	Lower Allithwaite
16UG044	Lower Holker
16UG045	Lowick
16UG046	Lupton

16UG047	Mansergh
16UG048	Mansriggs
16UG049	Meathop and Ulpha
16UG050	Middleton
16UG051	Milnthorpe
16UG052	Natland
16UG053	Nether Staveley
16UG054	New Hutton
16UG055	Old Hutton and Holmescales
16UG056	Osmotherley
16UG057	Over Staveley
16UG058	Pennington
16UG059	Preston Patrick
16UG060	Preston Richard
16UG061	Satterthwaite
16UG062	Scalthwaiterigg
16UG063	Sedbergh
16UG064	Sedgwick
16UG065	Skelsmergh
16UG066	Skelwith
16UG067	Stainton
16UG068	Staveley-in-Cartmel
16UG069	Strickland Ketel
16UG070	Strickland Roger
16UG071	Torver
16UG072	Ulverston
16UG073	Underbarrow and Bradleyfield
16UG074	Upper Allithwaite
16UG075	Urswick
16UG076	Whinfell
16UG077	Whitwell and Selside
16UG078	Windermere
16UG079	Witherslack
17UB001	Aldercar and Langley Mill
17UB002	Alderwasley
17UB003	Alfreton
17UB004	Ashleyhay
17UB005	Belper
17UB006	Codnor
17UB007	Crich

17UB008	Denby
17UB009	Dethick, Lea and Holloway
17UB010	Duffield
17UB011	Hazelwood
17UB012	Heanor and Loscoe
17UB013	Holbrook
17UB014	Horsley
17UB015	Horsley Woodhouse
17UB016	Idridgehay and Alton
17UB017	Ironville
17UB018	Kedleston
17UB019	Kilburn
17UB020	Kirk Langley
17UB021	Mackworth
17UB022	Mapperley
17UB023	Pentrich
17UB024	Quarndon
17UB025	Ravensdale Park
17UB026	Ripley
17UB027	Shipley
17UB028	Shottle and Postern
17UB029	Smalley
17UB030	Somercotes
17UB031	South Wingfield
17UB032	Swanwick
17UB033	Turnditch
17UB034	Weston Underwood
17UB035	Windley
17UC001	Ault Hucknall
17UC002	Barlborough
17UC003	Blackwell
17UC004	Clowne
17UC005	Elmton
17UC006	Glapwell
17UC007	Old Bolsover
17UC008	Pinxton
17UC009	Pleasley
17UC010	Scarcliffe
17UC011	Shirebrook
17UC012	South Normanton



17UC013	Tibshelf
17UC014	Whitwell
17UD001	Brimington
17UD002	Staveley
17UF001	Abney and Abney Grange
17UF002	Aldwark
17UF003	Alkmonton
17UF004	Ashbourne
17UF005	Ashford in the Water
17UF006	Atlow
17UF007	Bakewell
17UF008	Ballidon
17UF009	Baslow and Bubnell
17UF010	Beeley
17UF011	Biggin
17UF012	Birchover
17UF013	Blackwell in the Peak
17UF014	Bonsall
17UF015	Boylestone
17UF016	Bradbourne
17UF017	Bradley
17UF018	Bradwell
17UF019	Brailsford
17UF020	Brassington
17UF021	Brushfield
17UF022	Callow
17UF023	Calver
17UF024	Carsington
17UF025	Chatsworth
17UF026	Chelmorton
17UF027	Clifton and Compton
17UF028	Cromford
17UF029	Cubley
17UF030	Curbar
17UF031	Darley Dale
17UF032	Doveridge
17UF033	Eaton and Alsop
17UF034	Edensor
17UF035	Edlaston and Wyaston
17UF036	Elton

17UF037	Eyam
17UF038	Fenny Bentley
17UF039	Flagg
17UF040	Foolow
17UF041	Froggatt
17UF042	Gratton
17UF043	Great Hucklow
17UF044	Great Longstone
17UF045	Grindleford
17UF046	Grindlow
17UF047	Harthill
17UF048	Hartington Middle Quarter
17UF049	Hartington Nether Quarter
17UF050	Hartington Town Quarter
17UF051	Hassop
17UF052	Hathersage
17UF053	Hazlebadge
17UF054	Highlow
17UF055	Hognaston
17UF056	Hollington
17UF057	Hopton
17UF058	Hulland
17UF059	Hulland Ward
17UF060	Hungry Bentley
17UF061	Ible
17UF062	Ivonbrook Grange
17UF063	Kirk Ireton
17UF064	Kniveton
17UF065	Lea Hall
17UF066	Little Hucklow
17UF067	Little Longstone
17UF068	Litton
17UF069	Longford
17UF070	Mapleton
17UF071	Marston Montgomery
17UF072	Matlock Bath
17UF073	Matlock Town
17UF074	Mercaston
17UF075	Middleton and Smerrill
17UF076	Monyash

17UF077	Nether Haddon
17UF078	Newton Grange
17UF079	Norbury and Roston
17UF080	Northwood and Tinkersley
17UF081	Offcote and Underwood
17UF082	Offerton
17UF083	Osmaston
17UF084	Outseats
17UF085	Over Haddon
17UF086	Parwich
17UF087	Pilsley
17UF088	Rodsley
17UF089	Rowland
17UF090	Rowsley
17UF091	Sheldon
17UF092	Shirley
17UF093	Snelston
17UF094	Somersal Herbert
17UF095	South Darley
17UF096	Stanton
17UF097	Stoney Middleton
17UF098	Sudbury
17UF099	Taddington
17UF100	Tansley
17UF101	Thorpe
17UF102	Tideswell
17UF103	Tissington
17UF104	Wardlow
17UF105	Wheston
17UF106	Winstar
17UF107	Wirksworth
17UF108	Yeaveley
17UF109	Yeldersley
17UF110	Youlgreave
17UF111	Middleton
17UG001	Breadsall
17UG002	Breaston
17UG003	Dale Abbey
17UG004	Draycott and Church Wilne
17UG005	Hopwell

17UG006	Little Eaton
17UG007	Morley
17UG008	Ockbrook and Borrowash
17UG009	Risley
17UG010	Sandiacre
17UG011	Stanley and Stanley Common
17UG012	Stanton by Dale
17UG013	West Hallam
17UG014	Sawley
17UH001	Aston
17UH002	Bamford
17UH003	Brough and Shatton
17UH004	Castleton
17UH005	Chapel en le Frith
17UH006	Charlesworth
17UH007	Chinley, Buxworth and Brownside
17UH008	Chisworth
17UH009	Derwent
17UH010	Edale
17UH011	Green Fairfield
17UH012	Hartington upper Quarter
17UH013	Hayfield
17UH014	Hope
17UH015	Hope Woodlands
17UH016	King Sterndale
17UH017	New Mills
17UH018	Peak Forest
17UH019	Thornhill
17UH020	Tintwistle
17UH021	Whaley Bridge
17UH022	Wormhill
17UJ001	Ashover
17UJ002	Barlow
17UJ003	Brackenfield
17UJ004	Brampton
17UJ005	Calow
17UJ006	Clay Cross
17UJ007	Dronfield
17UJ008	Eckington
17UJ009	Grassmoor, Hasland and Winswick

17UJ010	Heath and Holmewood
17UJ011	Holmesfield
17UJ012	Holymoorside and Walton
17UJ013	Killamarsh
17UJ014	Morton
17UJ015	North Wingfield
17UJ016	Pilsley
17UJ017	Shirland and Higham
17UJ018	Stretton
17UJ019	Sutton cum Duckmanton
17UJ020	Temple Normanton
17UJ021	Tupton
17UJ022	Unstone
17UJ023	Wessington
17UJ024	Wingerworth
17UK001	Ash
17UK002	Aston upon Trent
17UK003	Barrow upon Trent
17UK004	Barton Blount
17UK005	Bearwardcote
17UK006	Bretby
17UK007	Burnaston
17UK008	Calke
17UK009	Castle Gresley
17UK010	Catton
17UK011	Cauldwell
17UK012	Church Broughton
17UK013	Coton in the Elms
17UK014	Dalbury Lees
17UK015	Drakelow
17UK016	Egginton
17UK017	Elvaston
17UK018	Etwall
17UK019	Findern
17UK020	Foremark
17UK021	Foston and Scropton
17UK022	Hartshorne
17UK023	Hatton
17UK024	Hilton
17UK025	Hoon

17UK026	Ingleby
17UK027	Linton
17UK028	Lullington
17UK029	Marston on Dove
17UK030	Melbourne
17UK031	Netherseal
17UK032	Newton Solney
17UK033	Osleston and Thurvaston
17UK034	Overseal
17UK035	Radbourne
17UK036	Repton
17UK037	Rosliston
17UK038	Shardlow and Great Wilne
17UK039	Smisby
17UK040	Stanton by Bridge
17UK041	Stenson Fields
17UK042	Sutton on the Hill
17UK043	Swarkestone
17UK044	Ticknall
17UK045	Trusley
17UK046	Twyford and Stenson
17UK047	Walton upon Trent
17UK048	Weston upon Trent
17UK049	Willington
17UK050	Woodville
18UB001	All Saints
18UB002	Awliscombe
18UB003	Axminster
18UB004	Axmouth
18UB005	Aylesbeare
18UB006	Beer
18UB007	Bicton
18UB008	Brampford Speke
18UB009	Branscombe
18UB010	Broad Clyst
18UB011	Broadhembury
18UB012	Buckerell
18UB013	Budleigh Salterton
18UB014	Chardstock
18UB015	Clyst Honiton

18UB016	Clyst Hydon
18UB017	Clyst St. George
18UB018	Clyst St. Lawrence
18UB019	Clyst St. Mary
18UB020	Colaton Raleigh
18UB021	Colyton
18UB022	Combe Raleigh
18UB023	Combpyne Rousdon
18UB024	Cotleigh
18UB025	Dalwood
18UB026	Dunkeswell
18UB027	East Budleigh
18UB028	Farringdon
18UB029	Farway
18UB030	Feniton
18UB031	Gittisham
18UB032	Hawkchurch
18UB033	Honiton
18UB034	Huxham
18UB035	Kilminster
18UB036	Luppitt
18UB037	Lympstone
18UB038	Membury
18UB039	Monkton
18UB040	Musbury
18UB041	Nether Exe
18UB042	Newton Poppleford and Harpford
18UB043	Northleigh
18UB044	Offwell
18UB045	Otterton
18UB046	Ottery St. Mary
18UB047	Payhembury
18UB048	Plymtree
18UB049	Poltimore
18UB050	Rewe
18UB051	Rockbeare
18UB052	Seaton
18UB053	Sheldon
18UB054	Shute
18UB055	Sidmouth

18UB056	Southleigh
18UB057	Sowton
18UB058	Stockland
18UB059	Stoke Canon
18UB060	Talaton
18UB061	Uplyme
18UB062	Upottery
18UB063	Upton Pyne
18UB064	Whimble
18UB065	Widworthy
18UB066	Woodbury
18UB067	Yarcombe
18UB068	Lands Common to Axminster and Kilminster C.P.s
18UB069	Exmouth
18UD001	Bampton
18UD002	Bickleigh
18UD003	Bow
18UD004	Bradninch
18UD005	Brushford
18UD006	Burlescombe
18UD007	Butterleigh
18UD008	Cadbury
18UD009	Cadeleigh
18UD010	Chawleigh
18UD011	Cheriton Bishop
18UD012	Cheriton Fitzpaine
18UD013	Clannaborough
18UD014	Clayhanger
18UD015	Clayhidon
18UD016	Coldridge
18UD017	Colebrooke
18UD018	Crediton
18UD019	Crediton Hamlets
18UD020	Cruwys Morchard
18UD021	Cullompton
18UD022	Culmstock
18UD023	Down St. Mary
18UD024	Eggesford
18UD025	Halberton
18UD026	Hemyock



18UD027	Hittisleigh
18UD028	Hockworthy
18UD029	Holcombe Rogus
18UD030	Huntsham
18UD031	Kennerleigh
18UD032	Kentisbeare
18UD033	Lapford
18UD034	Loxbeare
18UD035	Morchard Bishop
18UD036	Morebath
18UD037	Newton St. Cyres
18UD038	Nymet Rowland
18UD039	Oakford
18UD040	Poughill
18UD041	Puddington
18UD042	Sampford Peverell
18UD043	Sandford
18UD044	Shobrooke
18UD045	Silverton
18UD046	Stockleigh English
18UD047	Stockleigh Pomeroy
18UD048	Stoodleigh
18UD049	Templeton
18UD050	Thelbridge
18UD051	Thorverton
18UD052	Tiverton
18UD053	Uffculme
18UD054	Uplowman
18UD055	Upton Hellions
18UD056	Washfield
18UD057	Washford Pyne
18UD058	Wembworthy
18UD059	Willand
18UD060	Woolfardisworthy
18UD061	Zeal Monachorum
18UD062	Copplestone
18UE001	Arlington
18UE002	Ashford
18UE003	Atherington
18UE004	Barnstaple

18UE005	Berrynarbor
18UE006	Bishop's Nympton
18UE007	Bishop's Tawton
18UE008	Bittadon
18UE009	Bratton Fleming
18UE010	Braunton
18UE011	Brayford
18UE012	Brendon
18UE013	Burrington
18UE014	Challacombe
18UE015	Chittlehamholt
18UE016	Chittlehampton
18UE017	Chulmleigh
18UE018	Combe Martin
18UE019	Countisbury
18UE020	East and West Buckland
18UE021	East Anstey
18UE022	East Down
18UE023	East Worlington
18UE024	Filleigh
18UE025	Fremington
18UE026	Georgeham
18UE027	George Nympton
18UE028	Goodleigh
18UE029	Heanton Punchardon
18UE030	Ilfracombe
18UE031	Instow
18UE032	Kentisbury
18UE033	King's Nympton
18UE034	Knowstone
18UE035	Landkey
18UE036	Loxhore
18UE037	Lynton and Lynmouth
18UE038	Mariansleigh
18UE039	Martinhoe
18UE040	Marwood
18UE041	Meshaw
18UE042	Molland
18UE043	Mortehoe
18UE044	Horwood, Lovacott and Newton Tracey

18UE045	North Molton
18UE046	Parracombe
18UE047	Queen's Nympton
18UE048	Rackenford
18UE049	Romansleigh
18UE050	Rose Ash
18UE051	Satterleigh and Warkleigh
18UE052	Shirwell
18UE053	South Molton
18UE054	Stoke Rivers
18UE055	Swimbridge
18UE056	Tawstock
18UE057	Trentishoe
18UE058	Twitchen
18UE059	West Anstey
18UE060	West Down
18UE061	Westleigh
18UE062	Pilton West
18UE063	Witheridge
18UG001	Ashprington
18UG002	Aveton Gifford
18UG003	Berry Pomeroy
18UG004	Bickleigh
18UG005	Bigbury
18UG006	Blackawton
18UG007	Brixton
18UG008	Buckland-Tout-Saints
18UG009	Charleton
18UG010	Chivelstone
18UG011	Churchstow
18UG012	Cornwood
18UG013	Cornworthy
18UG014	Dartington
18UG015	Dartmouth
18UG016	Dean Prior
18UG017	Diptford
18UG018	Dittisham
18UG019	East Allington
18UG020	East Portlemouth
18UG021	Ermington

18UG022	Frogmore and Sherford
18UG023	Halwell and Moreleigh
18UG024	Harberton
18UG025	Harford
18UG026	Holbeton
18UG027	Holne
18UG028	Ivybridge
18UG029	Kingsbridge
18UG030	Kingston
18UG031	Kingswear
18UG032	Littlehempston
18UG033	Loddiswell
18UG034	Malborough
18UG035	Marldon
18UG036	Modbury
18UG037	Newton and Noss
18UG038	North Huish
18UG039	Rattery
18UG040	Ringmore
18UG041	Salcombe
18UG042	Shaugh Prior
18UG043	Slapton
18UG044	South Brent
18UG045	South Huish
18UG046	South Milton
18UG047	South Pool
18UG048	Sparkwell
18UG049	Staverton
18UG050	Stoke Fleming
18UG051	Stoke Gabriel
18UG052	Stokenham
18UG053	Strete
18UG054	Thurlestone
18UG055	Totnes
18UG056	Ugborough
18UG057	Wembury
18UG058	West Alvington
18UG059	West Buckfastleigh
18UG060	Woodleigh
18UG061	Yealmpton

18UH001	Abbotskerswell
18UH002	Ashburton
18UH003	Ashcombe
18UH004	Ashton
18UH005	Bickington
18UH006	Bishopsteignton
18UH007	Bovey Tracey
18UH008	Bridford
18UH009	Broadhempston
18UH010	Buckfastleigh
18UH011	Buckland in the Moor
18UH012	Christow
18UH013	Chudleigh
18UH014	Coffinswell
18UH015	Dawlish
18UH016	Doddiscombsleigh
18UH017	Dunchideock
18UH018	Dunsford
18UH019	Exminster
18UH020	Hacombe with Combe
18UH021	Hennock
18UH022	Holcombe Burnell
18UH023	Ide
18UH024	Ideford
18UH025	Ilsington
18UH026	Ipplepen
18UH027	Kenn
18UH028	Kenton
18UH029	Kingskerswell
18UH030	Kingsteignton
18UH031	Lustleigh
18UH032	Mamhead
18UH033	Manaton
18UH034	Moretonhampstead
18UH035	Newton Abbot
18UH036	North Bovey
18UH037	Ogwell
18UH038	Powderham
18UH039	Shaldon
18UH040	Shillingford St. George

18UH041	Starcross
18UH042	Stokeinteignhead
18UH043	Tedburn St. Mary
18UH044	Teigngrace
18UH045	Teignmouth
18UH046	Denbury and Torbryan
18UH047	Trusham
18UH048	Whitestone
18UH049	Widecombe in the Moor
18UH050	Woodland
18UK001	Abbots Bickington
18UK002	Abbotsham
18UK003	Alverdiscott
18UK004	Alwington
18UK005	Ashreigney
18UK006	Ashwater
18UK007	Beaford
18UK008	Bideford
18UK009	Black Torrington
18UK010	Bradford
18UK011	Bradworthy
18UK012	Bridgerule
18UK013	Broadwoodwidge
18UK014	Buckland Brewer
18UK015	Buckland Filleigh
18UK016	Bulkworthy
18UK017	Clawton
18UK018	Clovelly
18UK019	Cookbury
18UK020	Dolton
18UK021	Dowland
18UK022	East Putford
18UK023	Frithelstock
18UK024	Great Torrington
18UK025	Halwill
18UK026	Hartland
18UK027	High Bickington
18UK028	Hollacombe
18UK029	Holsworthy
18UK030	Holsworthy Hamlets

18UK031	Huish
18UK032	Huntsshaw
18UK033	Landcross
18UK034	Langtree
18UK035	Littleham
18UK036	Little Torrington
18UK037	Luffincott
18UK038	Merton
18UK039	Milton Damerel
18UK040	Monkleigh
18UK041	Newton St. Petrock
18UK042	Northam
18UK043	Northcott
18UK044	Pancrasweek
18UK045	Parkham
18UK046	Peters Marland
18UK047	Petrockstow
18UK048	Pyworthy
18UK049	Roborough
18UK050	St. Giles in the Wood
18UK051	St. Giles on the Heath
18UK052	Shebbear
18UK053	Sheepwash
18UK054	Sutcombe
18UK055	Tetcott
18UK056	Thornbury
18UK057	Virginstow
18UK058	Weare Giffard
18UK059	Welcombe
18UK060	West Putford
18UK061	Winkleigh
18UK062	Woolfardisworthy
18UK063	Yarnscombe
18UK064	Area not comprised in any Parish-Lundy Island
18UL001	Beaworthy
18UL002	Belstone
18UL003	Bere Ferrers
18UL004	Bondleigh
18UL005	Bradstone
18UL006	Bratton Clovelly

18UL007	Brentor
18UL008	Bridestowe
18UL009	Broadwoodkelly
18UL010	Buckland Monachorum
18UL011	Chagford
18UL012	Coryton
18UL013	Dartmoor Forest
18UL014	Drewsteignton
18UL015	Dunterton
18UL016	Exbourne
18UL017	Germansweek
18UL018	Gidleigh
18UL019	Gulworthy
18UL020	Hatherleigh
18UL021	Highampton
18UL022	Horrabridge
18UL023	Iddesleigh
18UL024	Inwardleigh
18UL025	Jacobstowe
18UL026	Kelly
18UL027	Lamerton
18UL028	Lewtrenchard
18UL029	Lifton
18UL030	Lydford
18UL031	Marystow
18UL032	Mary Tavy
18UL033	Meavy
18UL034	Meeth
18UL035	Milton Abbot
18UL036	Monkokehampton
18UL037	Northlew
18UL038	North Tawton
18UL039	Okehampton
18UL040	Okehampton Hamlets
18UL041	Peter Tavy
18UL042	Sampfords Courtenay
18UL043	Sampfords Spiney
18UL044	Sheepstor
18UL045	Sourton
18UL046	South Tawton



18UL047	Spreyton
18UL048	Sticklepath
18UL049	Stowford
18UL050	Sydenham Damerel
18UL051	Tavistock
18UL052	Throwleigh
18UL053	Thrushelton
18UL054	Walkhampton
18UL055	Whitchurch
18UL056	Lands common to Bridestowe and Sourton CP's
19UC001	Burton
19UC002	Hurn
19UD001	Alderholt
19UD002	Chalbury
19UD003	Colehill
19UD004	Corfe Mullen
19UD005	Cranborne
19UD006	Edmondsham
19UD007	Ferndown Town
19UD008	Gussage All Saints
19UD009	Gussage St. Michael
19UD010	Hinton Martell
19UD011	Hinton Parva
19UD012	Holt
19UD013	Horton
19UD014	Long Crichel
19UD015	Moor Crichel
19UD016	Pamphill
19UD017	Pentridge
19UD018	St. Leonards and St. Ives
19UD019	Shapwick
19UD020	Sixpenny Handley
19UD021	Sturminster Marshall
19UD022	Verwood
19UD023	West Moors
19UD024	West Parley
19UD025	Wimborne Minster
19UD026	Wimborne St. Giles
19UD027	Witchampton
19UD028	Woodlands

19UE001	Anderson
19UE002	Ashmore
19UE003	Blandford Forum
19UE004	Blandford St. Mary
19UE005	Bourton
19UE006	Bryanston
19UE007	Buckhorn Weston
19UE008	Cann
19UE009	Charlton Marshall
19UE010	Chettle
19UE011	Child Okeford
19UE012	Compton Abbas
19UE013	Durweston
19UE014	East Orchard
19UE015	East Stour
19UE016	Farnham
19UE017	Fifehead Magdalen
19UE018	Fifehead Neville
19UE019	Fontmell Magna
19UE020	Gillingham
19UE021	Glanvilles Wootton
19UE022	Hammoon
19UE023	Hanford
19UE024	Hazelbury Bryan
19UE025	Hilton
19UE026	Hinton St. Mary
19UE027	Ibberton
19UE028	Iwerne Courtney or Shroton
19UE029	Iwerne Minster
19UE030	Iwerne Stepleton
19UE031	Kington Magna
19UE032	Langton Long Blandford
19UE033	Lydlinch
19UE034	Manston
19UE035	Mappowder
19UE036	Margaret Marsh
19UE037	Marnhull
19UE038	Melbury Abbas
19UE039	Milborne St. Andrew
19UE040	Milton Abbas

19UE041	Motcombe
19UE042	Okeford Fitzpaine
19UE043	Pimperne
19UE044	Pulham
19UE045	Shaftesbury
19UE046	Shillingstone
19UE047	Silton
19UE048	Spetisbury
19UE049	Stalbridge
19UE050	Stoke Wake
19UE051	Stourpaine
19UE052	Stour Provost
19UE053	Stourton Caundle
19UE054	Sturminster Newton
19UE055	Sutton Waldron
19UE056	Tarrant Crawford
19UE057	Tarrant Gunville
19UE058	Tarrant Hinton
19UE059	Tarrant Keyneston
19UE060	Tarrant Launceston
19UE061	Tarrant Monkton
19UE062	Tarrant Rawston
19UE063	Tarrant Rushton
19UE064	Todber
19UE065	Turnworth
19UE066	West Orchard
19UE067	West Stour
19UE068	Winterborne Clenston
19UE069	Winterborne Houghton
19UE070	Winterborne Kingston
19UE071	Winterborne Stickland
19UE072	Winterborne Whitechurch
19UE073	Winterborne Zelston
19UE074	Woolland
19UG001	Affpuddle
19UG002	Arne
19UG003	Bere Regis
19UG004	Bloxworth
19UG005	Chaldon Herring
19UG006	Church Knowle

19UG007	Coombe Keynes
19UG008	Corfe Castle
19UG009	East Holme
19UG010	East Lulworth
19UG011	East Stoke
19UG012	Kimmeridge
19UG013	Langton Matravers
19UG014	Lytchett Matravers
19UG015	Lytchett Minster and Upton
19UG016	Morden
19UG017	Moreton
19UG018	Steeple
19UG019	Studland
19UG020	Swanage
19UG021	Turners Puddle
19UG022	Tyneham
19UG023	Wareham Town
19UG024	Wareham St. Martin
19UG025	West Lulworth
19UG026	Winfrith Newburgh
19UG027	Wool
19UG028	Worth Matravers
19UH001	Abbotsbury
19UH002	Allington
19UH003	Alton Pancras
19UH004	Askerswell
19UH005	Athelhampton
19UH006	Batcombe
19UH007	Beaminster
19UH008	Beer Hackett
19UH009	Bettiscombe
19UH010	Bincombe
19UH011	Bishop's Caundle
19UH012	Bothenhampton
19UH013	Bradford Abbas
19UH014	Bradford Peverell
19UH015	Bradpole
19UH016	Bridport
19UH017	Broadmayne
19UH018	Broadwindsor

19UH019	Buckland Newton
19UH020	Burleston
19UH021	Burstock
19UH022	Burton Bradstock
19UH023	Castleton
19UH024	Catherston Leweston
19UH025	Cattistock
19UH026	Caundle Marsh
19UH027	Cerne Abbas
19UH028	Charminster
19UH029	Charmouth
19UH030	Chedington
19UH031	Cheselbourne
19UH032	Chetnole
19UH033	Chickerell
19UH034	Chideock
19UH035	Chilcombe
19UH036	Chilfrome
19UH037	Clifton Maybank
19UH038	Compton Valence
19UH039	Corscombe
19UH040	Crossways
19UH041	Dewlish
19UH042	Dorchester
19UH043	East Chelborough
19UH044	Evershot
19UH045	Fleet
19UH046	Folke
19UH047	Frampton
19UH048	Frome St. Quintin
19UH049	Frome Vauchurch
19UH050	Goathill
19UH051	Godmanstone
19UH052	Halstock
19UH053	Haydon
19UH054	Hermitage
19UH055	Hilfield
19UH056	Holnest
19UH057	Holwell
19UH058	Hooke

19UH059	Kingston Russell
19UH060	Langton Herring
19UH061	Leigh
19UH062	Leweston
19UH063	Lillington
19UH064	Littlebredy
19UH065	Litton Cheney
19UH066	Loders
19UH067	Long Bredy
19UH068	Longburton
19UH069	Lyme Regis
19UH070	Maiden Newton
19UH071	Mapperton
19UH072	Marshwood
19UH073	Melbury Bubb
19UH074	Melbury Osmond
19UH075	Melbury Sampford
19UH076	Melcombe Horsey
19UH077	Minterne Magna
19UH078	Mosterton
19UH079	Netherbury
19UH080	Nether Cerne
19UH081	Nether Compton
19UH082	North Poorton
19UH083	North Wootton
19UH084	Osborne
19UH085	Osmington
19UH086	Over Compton
19UH087	Owermoigne
19UH088	Piddlehinton
19UH089	Piddletrenthide
19UH090	Pilsdon
19UH091	Portesham
19UH092	Powerstock
19UH093	Poxwell
19UH094	Poyntington
19UH095	Puddletown
19UH096	Puncknowle
19UH097	Purse Caundle
19UH098	Rampisham

19UH099	Ryme Intrinsic
19UH100	Sandford Orcas
19UH101	Seaborough
19UH102	Sherborne
19UH103	Shipton Gorge
19UH104	South Perrott
19UH105	Stanton St. Gabriel
19UH106	Stinsford
19UH107	Stockwood
19UH108	Stoke Abbott
19UH109	Stratton
19UH110	Swyre
19UH111	Sydling St. Nicholas
19UH112	Symondsburry
19UH113	Thorncombe
19UH114	Thornford
19UH115	Tincleton
19UH116	Toller Fratrum
19UH117	Toller Porcorum
19UH118	Tolpuddle
19UH119	Trent
19UH120	Up Cerne
19UH121	Warmwell
19UH122	West Chelborough
19UH123	West Compton
19UH124	West Knighton
19UH125	West Stafford
19UH126	Whitcombe
19UH127	Whitechurch Canonicorum
19UH128	Winterborne Came
19UH129	Winterborne Herringston
19UH130	Winterborne Monkton
19UH131	Winterborne St. Martin
19UH132	Winterbourne Abbas
19UH133	Winterbourne Steepleton
19UH134	Woodsford
19UH135	Wootton Fitzpaine
19UH136	Wraxall
19UH137	Wynford Eagle
19UH138	Yetminster

19UJ001	Portland
20UB001	Bournmoor
20UB002	Edmondsley
20UB003	Great Lumley
20UB004	Kimbleworth and Plawsworth
20UB005	Little Lumley
20UB006	North Lodge
20UB007	Ouston
20UB008	Pelton
20UB009	Sacriston
20UB010	Urpeth
20UB011	Waldridge
20UD001	Cornsay
20UD002	Esh
20UD003	Greencroft
20UD004	Healeyfield
20UD005	Hedleyhope
20UD006	Lanchester
20UD008	Muggleswick
20UD009	Satley
20UD010	Burnhope
20UE001	Bearpark
20UE002	Belmont
20UE003	Brancepeth
20UE004	Brandon and Byshottles
20UE005	Cassop-cum-Quarrington
20UE006	Coxhoe
20UE007	Croxdale and Hett
20UE008	Framwellgate Moor
20UE009	Kelloe
20UE010	Pittington
20UE011	Shadforth
20UE012	Sherburn
20UE013	Shincliffe
20UE014	West Rainton
20UE015	Witton Gilbert
20UE016	Lands Common to Brancepeth and Brandon and Byshottles
20UF001	Castle Eden
20UF002	Dalton-le-Dale
20UF003	Easington Colliery



20UF004	Easington Village
20UF005	Haswell
20UF006	Hawthorn
20UF007	Horden
20UF008	Hutton Henry
20UF009	Monk Hesleden
20UF010	Murton
20UF011	Nesbitt
20UF012	Peterlee
20UF013	Seaham
20UF014	Seaton with Slingley
20UF015	Sheraton with Hulam
20UF016	Shotton
20UF017	Thornley
20UF018	Trimdon Foundry
20UF019	Wheatley Hill
20UF020	Wingate
20UF021	South Hetton
20UG001	Bishop Middleham
20UG002	Bradbury and the Isle
20UG003	Chilton
20UG004	Cornforth
20UG005	Ferryhill
20UG006	Fishburn
20UG007	Great Aycliffe
20UG008	Middridge
20UG009	Mordon
20UG010	Sedgefield
20UG011	Shildon
20UG012	Spennymoor
20UG013	Trimdon
20UG014	Windlestone
20UG015	Eldon
20UH001	Barforth
20UH002	Barnard Castle
20UH003	Barningham
20UH004	Bolam
20UH005	Boldron
20UH006	Bowes
20UH007	Brignall

20UH008	Cleatlam
20UH009	Cockfield
20UH010	Cotherstone
20UH011	Eggleston
20UH012	Egglestone Abbey
20UH013	Etherley
20UH014	Evenwood and Barony
20UH015	Forest and Frith
20UH016	Gainford
20UH017	Gilmonby
20UH018	Hamsterley
20UH019	Headlam
20UH020	Hilton
20UH021	Holwick
20UH022	Hope
20UH023	Hunderthwaite
20UH024	Hutton Magna
20UH025	Ingleton
20UH026	Langleydale and Shotton
20UH027	Langton
20UH028	Lartington
20UH029	Lunedale
20UH030	Lynesack and Softley
20UH031	Marwood
20UH032	Mickleton
20UH033	Middleton in Teesdale
20UH034	Morton Tinmouth
20UH035	Newbiggin
20UH036	Ovington
20UH037	Raby with Keverstone
20UH038	Rokeby
20UH039	Romaldkirk
20UH040	Scargill
20UH041	South Bedburn
20UH042	Staindrop
20UH043	Startforth
20UH044	Streatlam and Stainton
20UH045	Wackerfield
20UH046	Westwick
20UH047	Whorlton

20UH048	Winston
20UH049	Woodland
20UH050	Wycliffe with Thorpe
20UH051	Lands common to Hamsterley, Lynesack and Softley and South Bedburn
20UJ001	Edmondbyers
20UJ002	Hunstanworth
20UJ003	Stanhope
20UJ004	Tow Law
20UJ005	Wolsingham
20UJ006	Wolsingham Park Moor lands cmn to Stanhope, Tow Law and Wolsingham
20UJ007	Dene Valley
20UJ008	Witton-le-Wear
20UJ009	West Auckland
21UF001	Barcombe
21UF002	Beddingham
21UF003	Chailey
21UF004	Ditchling
21UF005	East Chiltington
21UF006	Falmer
21UF007	Firle
21UF008	Glynde
21UF009	Hamsey
21UF010	Iford
21UF011	Kingston near Lewes
21UF012	Lewes
21UF013	Newhaven
21UF014	Newick
21UF015	Peacehaven
21UF016	Piddinghoe
21UF017	Plumpton
21UF018	Ringmer
21UF019	Rodmell
21UF020	St. Ann (Without)
21UF021	St. John (Without)
21UF022	Southeast
21UF023	South Heighton
21UF025	Streat
21UF026	Tarring Neville
21UF027	Telscombe
21UF028	Westmeston

21UF029	Wivelsfield
21UF030	Seaford
21UG001	Ashburnham
21UG002	Battle
21UG003	Beckley
21UG004	Bodiam
21UG005	Brede
21UG006	Brightling
21UG007	Burwash
21UG008	Camber
21UG009	Catsfield
21UG010	Crowhurst
21UG011	Dallington
21UG012	East Guldeford
21UG013	Etchingham
21UG014	Ewhurst
21UG015	Fairlight
21UG016	Guestling
21UG017	Hurst Green
21UG018	Icklesham
21UG019	Iden
21UG020	Mountfield
21UG021	Northiam
21UG022	Peasmarsh
21UG023	Penhurst
21UG024	Pett
21UG025	Playden
21UG026	Rye
21UG027	Rye Foreign
21UG028	Salehurst and Robertsbridge
21UG029	Sedlescombe
21UG030	Ticehurst
21UG031	Udimore
21UG032	Westfield
21UG033	Whatlington
21UH001	Alciston
21UH002	Alfriston
21UH003	Arlington
21UH004	Berwick
21UH005	Buxted

21UH006	Chalvington with Ripe
21UH007	Chiddingly
21UH008	Crowborough
21UH009	Cuckmere Valley
21UH010	Danehill
21UH011	East Dean and Friston
21UH012	East Hoathly with Halland
21UH013	Fletching
21UH014	Forest Row
21UH015	Framfield
21UH016	Frant
21UH017	Hadlow Down
21UH018	Hailsham
21UH019	Hartfield
21UH020	Heathfield and Waldron
21UH021	Hellingly
21UH022	Herstmonceux
21UH023	Hooe
21UH024	Horam
21UH025	Isfield
21UH026	Laughton
21UH027	Little Horsted
21UH028	Long Man
21UH029	Maresfield
21UH030	Mayfield and Five Ashes
21UH031	Ninfield
21UH032	Pevensey
21UH033	Polegate
21UH034	Rotherfield
21UH035	Selmeston
21UH036	Uckfield
21UH037	Wadhurst
21UH038	Warbleton
21UH039	Wartling
21UH040	Westham
21UH041	Willingdon and Jevington
21UH042	Withyham
22UB001	Billericay
22UB002	Great Burstead and South Green
22UB003	Little Burstead

22UB004	Ramsden Bellhouse
22UB005	Ramsden Crays
22UB006	Noak Bridge
22UC001	Alphamstone
22UC002	Ashen
22UC003	Bardfield Saling
22UC004	Belchamp Otten
22UC005	Belchamp St. Paul
22UC006	Belchamp Walter
22UC007	Birdbrook
22UC008	Black Notley
22UC009	Borley
22UC010	Bradwell
22UC011	Bulmer
22UC012	Bures Hamlet
22UC013	Castle Hedingham
22UC014	Coggeshall
22UC015	Colne Engaine
22UC016	Cressing
22UC017	Earls Colne
22UC018	Fairstead
22UC019	Faulkbourne
22UC020	Feering
22UC021	Finchingfield
22UC022	Foxearth
22UC023	Gestingthorpe
22UC024	Gosfield
22UC025	Great Bardfield
22UC026	Great Henny
22UC027	Great Maplestead
22UC028	Great Saling
22UC029	Great Yeldham
22UC030	Greenstead Green and Halstead Rural
22UC031	Halstead
22UC032	Hatfield Peverel
22UC033	Helions Bumpstead
22UC034	Kelvedon
22UC035	Lamarsh
22UC036	Liston
22UC037	Little Henny

22UC038	Little Maplestead
22UC039	Little Yeldham
22UC040	Middleton
22UC041	Ovington
22UC042	Panfield
22UC043	Pebmarsh
22UC044	Pentlow
22UC045	Rayne
22UC046	Ridgewell
22UC047	Rivenhall
22UC048	Shalford
22UC049	Sible Hedingham
22UC050	Silver End
22UC051	Stambourne
22UC052	Steeple Bumpstead
22UC053	Stisted
22UC054	Sturmer
22UC055	Terling
22UC056	Tilbury Juxta Clare
22UC057	Toppesfield
22UC058	Twinstead
22UC059	Wethersfield
22UC060	White Colne
22UC061	White Notley
22UC062	Wickham St. Paul
22UC063	Witham
22UC064	Great Notley
22UD001	Blackmore, Hook End and Wyatts Green
22UD002	Doddinghurst
22UD003	Ingatestone and Fryerning
22UD004	Kelvedon Hatch
22UD005	Mountnessing
22UD006	Navestock
22UD007	Stondon Massey
22UD008	Herongate and Ingrave
22UD009	West Horndon
22UF001	Boreham
22UF002	Broomfield
22UF003	Chignall
22UF004	Danbury

22UF005	East Hanningfield
22UF006	Galleywood
22UF007	Good Easter
22UF008	Great and Little Leighs
22UF009	Great Baddow
22UF010	Great Waltham
22UF011	Highwood
22UF012	Little Baddow
22UF013	Little Waltham
22UF014	Margaretting
22UF015	Mashbury
22UF016	Pleshey
22UF017	Rettendon
22UF018	Roxwell
22UF019	Runwell
22UF020	Sandon
22UF021	South Hanningfield
22UF022	South Woodham Ferrers
22UF023	Springfield
22UF024	Stock
22UF025	West Hanningfield
22UF026	Woodham Ferrers and Bicknacre
22UF027	Writtle
22UG001	Abberton
22UG002	Aldham
22UG003	Birch
22UG004	Boxted
22UG005	Chappel
22UG006	Copford
22UG007	Dedham
22UG008	East Donyland
22UG009	East Mersea
22UG010	Eight Ash Green
22UG011	Fingringhoe
22UG012	Fordham
22UG013	Great and Little Wigborough
22UG014	Great Horkesley
22UG015	Great Tey
22UG016	Langenhoe
22UG017	Langham



22UG018	Layer Breton
22UG019	Layer-de-la-Haye
22UG020	Layer Marney
22UG021	Little Horkesley
22UG022	Marks Tey
22UG023	Messing-cum-Inworth
22UG024	Mount Bures
22UG025	Peldon
22UG026	Salcott
22UG027	Stanway
22UG028	Tiptree
22UG029	Virley
22UG030	Wakes Colne
22UG031	West Bergholt
22UG032	West Mersea
22UG033	Wivenhoe
22UG034	Wormingford
22UG035	Myland
22UH001	Abbess Beauchamp and Berners Roding
22UH002	Bobbingworth
22UH003	Epping
22UH004	Epping Upland
22UH005	Fyfield
22UH006	High Laver
22UH007	High Ongar
22UH008	Lambourne
22UH009	Little Laver
22UH010	Magdalen Laver
22UH011	Matching
22UH012	Moreton
22UH013	Nazeing
22UH014	North Weald Bassett
22UH015	Ongar
22UH016	Roydon
22UH017	Sheering
22UH018	Stanford Rivers
22UH019	Stapleford Abbots
22UH020	Stapleford Tawney
22UH021	Theydon Bois
22UH022	Theydon Garnon

22UH023	Theydon Mount
22UH024	Waltham Abbey
22UH025	Willingale
22UH026	Buckhurst Hill
22UH027	Chigwell
22UH028	Loughton
22UK001	Althorne
22UK002	Asheldham
22UK003	Bradwell-on-Sea
22UK004	Burnham-on-Crouch
22UK005	Cold Norton
22UK006	Dengie
22UK007	Goldhanger
22UK008	Great Braxted
22UK009	Great Totham
22UK010	Hazeleigh
22UK011	Heybridge
22UK012	Langford
22UK013	Latchingdon
22UK014	Little Braxted
22UK015	Little Totham
22UK016	Maldon
22UK017	Mayland
22UK018	Mundon
22UK019	North Fambridge
22UK020	Purleigh
22UK021	St. Lawrence
22UK022	Southminster
22UK023	Steeple
22UK024	Stow Maries
22UK025	Tillingham
22UK026	Tollesbury
22UK027	Tolleshunt D'Arcy
22UK028	Tolleshunt Knights
22UK029	Tolleshunt Major
22UK030	Ulting
22UK031	Wickham Bishops
22UK032	Woodham Mortimer
22UK033	Woodham Walter
22UL001	Ashingdon

22UL002	Barling Magna
22UL003	Canewdon
22UL004	Foulness
22UL005	Great Wakering
22UL006	Hawkwell
22UL007	Hockley
22UL008	Hullbridge
22UL009	Paglesham
22UL010	Rochford
22UL011	Stambridge
22UL012	Sutton
22UL013	Rawreth
22UL014	Rayleigh
22UN001	Alresford
22UN002	Ardleigh
22UN003	Beaumont-cum-Moze
22UN004	Bradfield
22UN005	Brightlingsea
22UN006	Elmstead
22UN007	Frating
22UN008	Frinton and Walton
22UN009	Great Bentley
22UN010	Great Bromley
22UN011	Great Oakley
22UN012	Harwich
22UN013	Lawford
22UN014	Little Bentley
22UN015	Little Bromley
22UN016	Little Clacton
22UN017	Little Oakley
22UN018	Manningtree
22UN019	Mistley
22UN020	Ramsey and Parkeston
22UN021	St. Osyth
22UN022	Tendring
22UN023	Thorpe-le-Soken
22UN024	Thorrington
22UN025	Weeley
22UN026	Wix
22UN027	Wrabness

22UQ001	Arkesden
22UQ002	Ashdon
22UQ003	Aythorpe Roding
22UQ004	Barnston
22UQ005	Berden
22UQ006	Birchanger
22UQ007	Broxted
22UQ008	Chickney
22UQ009	Chrishall
22UQ010	Clavering
22UQ011	Debden
22UQ012	Elmdon
22UQ013	Elsenham
22UQ014	Farnham
22UQ015	Felsted
22UQ016	Great Canfield
22UQ017	Great Chesterford
22UQ018	Great Dunmow
22UQ019	Great Easton
22UQ020	Great Hallingbury
22UQ021	Great Sampford
22UQ022	Hadstock
22UQ023	Hatfield Broad Oak
22UQ024	Hatfield Heath
22UQ025	Hempstead
22UQ026	Henham
22UQ027	High Easter
22UQ028	High Roothing
22UQ029	Langley
22UQ030	Leaden Roding
22UQ031	Lindsell
22UQ032	Little Bardfield
22UQ033	Little Canfield
22UQ034	Little Chesterford
22UQ035	Little Dunmow
22UQ036	Little Easton
22UQ037	Little Hallingbury
22UQ038	Little Sampford
22UQ039	Littlebury
22UQ040	Manuden

22UQ041	Margaret Roding
22UQ042	Newport
22UQ043	Quendon and Rickling
22UQ044	Radwinter
22UQ045	Saffron Walden
22UQ046	Stansted Mountfitchet
22UQ047	Stebbing
22UQ048	Strethall
22UQ049	Takeley
22UQ050	Thaxted
22UQ051	Tilty
22UQ052	Ugley
22UQ053	Wenden Lofts
22UQ054	Wendens Ambo
22UQ055	White Roothing
22UQ056	Wicken Bonhunt
22UQ057	Widdington
22UQ058	Wimbish
22UQ059	Sewards End
23UB001	Leckhampton
23UB002	Prestbury
23UB003	Swindon
23UB004	Up Hatherley
23UB005	Charlton Kings
23UC001	Adlestrop
23UC002	Aldsworth
23UC003	Ampney Crucis
23UC004	Ampney St. Mary
23UC005	Ampney St. Peter
23UC006	Andoversford
23UC007	Ashley
23UC008	Aston Subedge
23UC009	Avening
23UC010	Bagendon
23UC011	Barnsley
23UC012	Barrington
23UC013	Batsford
23UC014	Baunton
23UC015	Beverston
23UC016	Bibury

23UC017	Bledington
23UC018	Blockley
23UC019	Bourton-on-the-Hill
23UC020	Bourton-on-the-Water
23UC021	Boxwell with Leighterton
23UC022	Brimpsfield
23UC023	Broadwell
23UC024	Chedworth
23UC025	Cherington
23UC026	Chipping Campden
23UC027	Cirencester
23UC028	Clapton
23UC029	Coates
23UC030	Coberley
23UC031	Cold Aston
23UC032	Colesbourne
23UC033	Coln St. Aldwyns
23UC034	Coln St. Dennis
23UC035	Compton Abdale
23UC036	Condicote
23UC037	Cowley
23UC038	Cutsdean
23UC039	Daglingworth
23UC040	Didmarton
23UC041	Donnington
23UC042	Dowdeswell
23UC043	Down Ampney
23UC044	Driffield
23UC045	Duntisbourne Abbots
23UC046	Duntisbourne Rouse
23UC047	Eastleach
23UC048	Ebrington
23UC049	Edgeworth
23UC050	Elkstone
23UC051	Evenlode
23UC052	Fairford
23UC053	Farmington
23UC054	Great Rissington
23UC055	Guiting Power
23UC056	Hampnett

23UC057	Hatherop
23UC058	Hazleton
23UC059	Icomb
23UC060	Kemble
23UC061	Kempsford
23UC062	Kingscote
23UC063	Lechlade
23UC064	Little Rissington
23UC065	Longborough
23UC066	Long Newnton
23UC067	Lower Slaughter
23UC068	Maiseyhampton
23UC069	Maugersbury
23UC070	Mickleton
23UC071	Moreton-in-Marsh
23UC072	Naunton
23UC073	North Cerney
23UC074	Northleach with Eastington
23UC075	Notgrove
23UC076	Oddington
23UC077	Ozleworth
23UC078	Poole Keynes
23UC079	Poultton
23UC080	Preston
23UC081	Quenington
23UC082	Rendcomb
23UC083	Rodmarton
23UC084	Saintbury
23UC085	Sapperton
23UC086	Sevenhampton
23UC087	Sezincote
23UC088	Sherborne
23UC089	Shipton
23UC090	Shipton Moyne
23UC091	Siddington
23UC092	Somerford Keynes
23UC093	South Cerney
23UC094	Southrop
23UC095	Stow-on-the-Wold
23UC096	Swell

23UC097	Syde
23UC098	Temple Guiting
23UC099	Tetbury
23UC100	Tetbury Upton
23UC101	Todenham
23UC102	Turkdean
23UC103	Upper Slaughter
23UC104	Westcote
23UC105	Westonbirt with Lasborough
23UC106	Weston Subedge
23UC107	Whittington
23UC108	Wick Rissington
23UC109	Willesey
23UC110	Windrush
23UC111	Winson
23UC112	Winstone
23UC113	Withington
23UC114	Yanworth
23UC115	Upper Rissington
23UD001	Alvington
23UD002	Awre
23UD003	Aylburton
23UD004	Blaisdon
23UD005	Bromesberrow
23UD006	Churcham
23UD007	Cinderford
23UD008	Coleford
23UD009	Corse
23UD010	Drybrook
23UD011	Dymock
23UD012	English Bicknor
23UD013	Hartpury
23UD014	Hewelsfield and Brockweir
23UD015	Huntley
23UD016	Kempley
23UD017	Littledean
23UD018	Longhope
23UD019	Lydbrook
23UD020	Lydney
23UD021	Mitcheldean



23UD022	Newent
23UD023	Newland
23UD024	Newnham
23UD025	Oxenhall
23UD026	Pauntley
23UD027	Redmarley D'Abitot
23UD028	Ruardean
23UD029	Rudford and Highleadon
23UD030	Ruspidge and Soudley
23UD031	St. Briavels
23UD032	Staunton
23UD033	Staunton Coleford
23UD034	Taynton
23UD035	Tibberton
23UD036	Tidenham
23UD037	Upleadon
23UD038	Westbury-on-Severn
23UD039	West Dean
23UD040	Woolaston
23UD041	Gorsley and Kilcot
23UE002	Quedgeley
23UF001	Alderley
23UF002	Alkington
23UF003	Arlingham
23UF004	Berkeley
23UF005	Bisley-with-Lypiatt
23UF006	Brookthorpe-with-Whaddon
23UF007	Cainscross
23UF008	Cam
23UF009	Chalford
23UF010	Coaley
23UF011	Cranham
23UF012	Dursley
23UF013	Eastington
23UF014	Elmore
23UF015	Frampton on Severn
23UF016	Fretherne with Saul
23UF017	Frocester
23UF018	Ham and Stone
23UF019	Hamfallow

23UF020	Hardwicke
23UF021	Harescombe
23UF022	Haresfield
23UF023	Hillesley and Tresham
23UF024	Hinton
23UF025	Horsley
23UF026	King's Stanley
23UF027	Kingswood
23UF028	Leonard Stanley
23UF029	Longney and Epney
23UF030	Minchinhampton
23UF031	Miserden
23UF032	Moreton Valence
23UF033	Nailsworth
23UF034	North Nibley
23UF035	Nymphsfield
23UF036	Owlpen
23UF037	Painswick
23UF038	Pitchcombe
23UF039	Randwick
23UF040	Rodborough
23UF041	Slimbridge
23UF042	Standish
23UF043	Stinchcombe
23UF044	Stonehouse
23UF045	Stroud
23UF046	Thrupp
23UF047	Uley
23UF048	Upton St. Leonards
23UF049	Whiteshill and Ruscombe
23UF050	Whitminster
23UF051	Woodchester
23UF052	Wotton-under-Edge
23UG001	Alderton
23UG002	Ashchurch
23UG003	Ashleworth
23UG004	Badgeworth
23UG005	Bishop's Cleeve
23UG006	Boddington
23UG007	Brockworth

23UG008	Buckland
23UG009	Chaceley
23UG010	Churchdown
23UG011	Deerhurst
23UG012	Down Hatherley
23UG013	Dumbleton
23UG014	Elmstone Hardwicke
23UG015	Forthampton
23UG016	Gotherington
23UG017	Great Witcombe
23UG018	Hasfield
23UG019	Hawling
23UG020	Highnam
23UG021	Hucclecote
23UG022	Innsworth
23UG023	Leigh
23UG024	Longford
23UG025	Maisemore
23UG026	Minsterworth
23UG027	Norton
23UG028	Oxenton
23UG029	Prescott
23UG030	Sandhurst
23UG031	Shurdington
23UG032	Snowhill
23UG033	Southam
23UG034	Stanton
23UG035	Stanway
23UG036	Staverton
23UG037	Stoke Orchard
23UG038	Sudeley
23UG039	Teddington
23UG040	Tewkesbury
23UG041	Tirley
23UG042	Toddington
23UG043	Twigworth
23UG044	Twyning
23UG045	Uckington
23UG046	Walton Cardiff
23UG047	Winchcombe

23UG048	Woodmancote
23UG049	Gretton
24UB001	Ashford Hill with Headley
24UB002	Ashmansworth
24UB003	Baughurst
24UB004	Bradley
24UB005	Bramley
24UB006	Burghclere
24UB007	Candovers
24UB008	Chineham
24UB009	Cliddesden
24UB010	Deane
24UB011	Dummer
24UB012	East Woodhay
24UB013	Ecchinswell, Sydmonton and Bishops Green
24UB014	Ellisfield
24UB015	Farleigh Wallop
24UB016	Hannington
24UB017	Hartley Wespall
24UB018	Herriard
24UB019	Highclere
24UB020	Hurstbourne Priors
24UB021	Kingsclere
24UB022	Laverstoke
24UB023	Litchfield and Woodcott
24UB024	Mapledurwell and Up Nately
24UB025	Monk Sherborne
24UB026	Mortimer West End
24UB027	Newnham
24UB028	Newtown
24UB029	North Waltham
24UB030	Nutley
24UB031	Oakley
24UB032	Old Basing
24UB033	Overton
24UB034	Pamber
24UB035	Popham
24UB036	Preston Candover
24UB037	Sherborne St. John
24UB038	Sherfield on Loddon

24UB039	Silchester
24UB040	St. Mary Bourne
24UB041	Steventon
24UB042	Stratfield Saye
24UB043	Stratfield Turgis
24UB044	Tadley
24UB045	Tunworth
24UB046	Upton Grey
24UB047	Weston Corbett
24UB048	Weston Patrick
24UB049	Whitchurch
24UB050	Winslade
24UB051	Wootton St. Lawrence
24UB052	Rooksdown
24UC001	Alton
24UC002	Bentley
24UC003	Bentworth
24UC004	Binsted
24UC005	Bramshott and Liphook
24UC006	Buriton
24UC007	Chawton
24UC008	Clanfield
24UC009	Colemore and Priors Dean
24UC010	East Meon
24UC011	East Tisted
24UC012	Farringdon
24UC013	Four Marks
24UC014	Froxfield
24UC015	Froyle
24UC016	Grayshott
24UC017	Greatham
24UC018	Hawkley
24UC019	Headley
24UC020	Horndean
24UC021	Kingsley
24UC022	Langrish
24UC023	Lasham
24UC024	Lindford
24UC025	Liss
24UC026	Medstead

24UC027	Newton Valence
24UC028	Petersfield
24UC029	Ropley
24UC030	Rowlands Castle
24UC031	Selborne
24UC032	Shalden
24UC033	Steep
24UC034	West Tisted
24UC035	Whitehill
24UC036	Wield
24UC037	Worldham
24UC038	Stroud
24UC039	Beech
24UD001	Botley
24UD002	Bursledon
24UD003	Fair Oak and Horton Heath
24UD004	Hamble-le-Rice
24UD005	Hedge End
24UD006	Hound
24UD007	West End
24UD008	Bishopstoke
24UG001	Bramshill
24UG002	Crandall
24UG003	Crookham Village
24UG004	Dogmersfield
24UG005	Eversley
24UG006	Greywell
24UG007	Hartley Wintney
24UG008	Blackwater and Hawley
24UG009	Heckfield
24UG010	Hook
24UG011	Long Sutton
24UG012	Mattingley
24UG013	Odiham
24UG014	Rotherwick
24UG015	South Warnborough
24UG016	Winchfield
24UG017	Yateley
24UJ001	Ashurst and Colbury
24UJ002	Beaulieu

24UJ003	Boldre
24UJ004	Bramshaw
24UJ005	Bransgore
24UJ006	Breamore
24UJ007	Brockenhurst
24UJ008	Burley
24UJ009	Copythorne
24UJ010	Damerham
24UJ011	Denny Lodge
24UJ012	East Boldre
24UJ013	Ellingham, Harbridge and Ibsley
24UJ014	Exbury and Lepe
24UJ015	Fawley
24UJ016	Fordingbridge
24UJ017	Hale
24UJ018	Hordle
24UJ019	Hyde
24UJ020	Hythe and Dibden
24UJ021	Lymington and Pennington
24UJ022	Lyndhurst
24UJ023	Marchwood
24UJ024	Martin
24UJ025	Milford-on-sea
24UJ026	Minstead
24UJ027	Netley Marsh
24UJ028	New Milton
24UJ029	Ringwood
24UJ030	Rockbourne
24UJ031	Sandleheath
24UJ032	Sopley
24UJ033	Sway
24UJ034	Totton and Eling
24UJ035	Whitsbury
24UJ036	Woodgreen
24UJ037	Godshill
24UN001	Abbotts Ann
24UN002	Ampfield
24UN003	Amport
24UN004	Appleshaw
24UN005	Ashley

24UN006	Awbridge
24UN007	Barton Stacey
24UN008	Bossington
24UN009	Braishfield
24UN010	Broughton
24UN011	Buckholt
24UN012	Bullington
24UN013	Charlton
24UN014	Chilbolton
24UN015	Chilworth
24UN016	East Dean
24UN017	East Tytherley
24UN018	Facombe
24UN019	Frenchmoor
24UN020	Fyfield
24UN021	Goodworth Clatford
24UN022	Grately
24UN023	Houghton
24UN024	Hurstbourne Tarrant
24UN025	Kimpton
24UN026	Kings Somborne
24UN027	Leckford
24UN028	Linkenholt
24UN029	Little Somborne
24UN030	Lockerley
24UN031	Longparish
24UN032	Longstock
24UN033	Melchet Park and Plaitford
24UN034	Michelmersh and Timsbury
24UN035	Monxton
24UN036	Mottisfont
24UN037	Nether Wallop
24UN038	North Baddesley
24UN039	Nursling and Rownhams
24UN040	Over Wallop
24UN041	Penton Grafton
24UN042	Penton Mewsey
24UN043	Quarley
24UN044	Romsey
24UN045	Romsey Extra



24UN046	Sherfield English
24UN047	Shipton Bellinger
24UN048	Smannell
24UN050	Stockbridge
24UN051	Tangley
24UN052	Thrupton
24UN053	Upper Clatford
24UN054	Vernhams Dean
24UN055	Wellow
24UN056	West Tytherley
24UN057	Wherwell
24UP001	Badger Farm
24UP002	Beauworth
24UP003	Bighton
24UP004	Bishops Sutton
24UP005	Bishops Waltham
24UP006	Boarhunt
24UP007	Bramdean and Hinton Ampner
24UP008	Cheriton
24UP009	Chilcomb
24UP010	Colden Common
24UP011	Compton and Shawford
24UP012	Corhampton and Meonstoke
24UP013	Crawley
24UP014	Curdrige
24UP015	Denmead
24UP016	Droxford
24UP017	Durley
24UP018	Exton
24UP019	Hambledon
24UP020	Headbourne Worthy
24UP021	Hursley
24UP022	Itchen Stoke and Ovington
24UP023	Itchen Valley
24UP024	Kilmiston
24UP025	Kings Worthy
24UP026	Littleton and Harestock
24UP027	Micheldever
24UP028	New Alresford
24UP029	Northington

24UP030	Old Alresford
24UP031	Olivers Battery
24UP032	Otterbourne
24UP033	Owslebury
24UP034	Shedfield
24UP035	Soberton
24UP036	Southwick and Widley
24UP037	South Wonston
24UP038	Sparsholt
24UP039	Swanmore
24UP040	Tichborne
24UP041	Twyford
24UP042	Upham
24UP043	Warnford
24UP044	West Meon
24UP045	Wickham
24UP046	Wonston
24UP047	Whiteley
26UC001	Aldbury
26UC002	Berkhamsted
26UC003	Bovingdon
26UC004	Chipperfield
26UC005	Flamstead
26UC006	Flaunden
26UC007	Great Gaddesden
26UC008	Kings Langley
26UC009	Little Gaddesden
26UC010	Markyate
26UC011	Nash Mills
26UC012	Nettleden with Potten End
26UC013	Northchurch
26UC014	Tring
26UC015	Tring Rural
26UC016	Wigginton
26UD001	Albury
26UD002	Anstey
26UD003	Ardeley
26UD004	Aspenden
26UD005	Aston
26UD006	Bayford

26UD007	Bengeo Rural
26UD008	Benington
26UD009	Bishop's Stortford
26UD010	Bramfield
26UD011	Braughing
26UD012	Brent Pelham
26UD013	Brickendon Liberty
26UD014	Buckland
26UD015	Buntingford
26UD016	Cottered
26UD017	Datchworth
26UD018	Eastwick
26UD019	Furneux Pelham
26UD020	Gilston
26UD021	Great Amwell
26UD022	Great Munden
26UD023	Hertford
26UD024	Hertford Heath
26UD025	Hertingfordbury
26UD026	High Wych
26UD027	Hormead
26UD028	Hunsdon
26UD029	Little Berkhamsted
26UD030	Little Hadham
26UD031	Little Munden
26UD032	Meesden
26UD033	Much Hadham
26UD034	Sacombe
26UD035	Sawbridgeworth
26UD036	Standon
26UD037	Stanstead Abbots
26UD038	Stanstead St Margarets
26UD039	Stapleford
26UD040	Stocking Pelham
26UD041	Tewin
26UD042	Thorley
26UD043	Thundridge
26UD044	Walkern
26UD045	Ware
26UD046	Wareside

26UD047	Watton-at-Stone
26UD048	Westmill
26UD049	Widford
26UD050	Wyddial
26UE001	Aldenham
26UE002	Elstree and Borehamwood
26UE003	Ridge
26UE004	Shenley
26UF001	Ashwell
26UF002	Barkway
26UF003	Barley
26UF004	Bygrave
26UF005	Caldecote
26UF006	Clothall
26UF007	Codicote
26UF008	Graveley
26UF009	Hexton
26UF010	Hinxworth
26UF011	Holwell
26UF012	Ickleford
26UF013	St Ippolyts
26UF014	Kelshall
26UF015	Kimpton
26UF016	King's Walden
26UF017	Knebworth
26UF018	Langley
26UF019	Lilley
26UF020	Newnham
26UF021	Nuthampstead
26UF022	Offley
26UF023	Pirton
26UF024	Preston
26UF025	Radwell
26UF026	Reed
26UF027	Royston
26UF028	Rushden
26UF029	St Paul's Walden
26UF030	Sandon
26UF031	Therfield
26UF032	Wallington

26UF033	Weston
26UF034	Wymondley
26UG001	Colney Heath
26UG002	Harpenden
26UG003	Harpenden Rural
26UG004	London Colney
26UG005	Redbourn
26UG006	Sandridge
26UG007	St Michael
26UG008	St Stephen
26UG009	Wheathampstead
26UJ001	Abbots Langley
26UJ002	Chorleywood
26UJ003	Croxley Green
26UJ004	Sarratt
26UJ005	Watford Rural
26UL001	Ayot St Lawrence
26UL002	Ayot St Peter
26UL003	Essendon
26UL004	Hatfield
26UL005	Northaw and Cuffley
26UL006	North Mymms
26UL007	Welwyn
26UL008	Woolmer Green
29UB001	Aldington
29UB002	Appledore
29UB003	Bethersden
29UB004	Biddenden
29UB005	Bilsington
29UB006	Bonnington
29UB007	Boughton Aluph
29UB008	Brabourne
29UB009	Brook
29UB010	Challock
29UB011	Charing
29UB012	Chilham
29UB013	Crundale
29UB014	Eastwell
29UB015	Egerton
29UB016	Godmersham

29UB017	Great Chart with Singleton
29UB018	Hastingleigh
29UB019	High Halden
29UB020	Hothfield
29UB021	Kenardington
29UB022	Kingsnorth
29UB023	Little Chart
29UB024	Mersham
29UB025	Molash
29UB026	Newenden
29UB027	Orlestone
29UB028	Pluckley
29UB029	Rolvenden
29UB030	Ruckinge
29UB031	Sevington
29UB032	Shadoxhurst
29UB033	Swarden
29UB034	Smeeth
29UB035	Stanhope
29UB036	Stone-cum-Ebony
29UB037	Tenterden
29UB038	Warehorne
29UB039	Westwell
29UB040	Wittersham
29UB041	Woodchurch
29UB042	Wye with Hinxhill
29UC001	Adisham
29UC002	Barham
29UC003	Bekesbourne-with-Patrixbourne
29UC004	Bishopsbourne
29UC005	Bridge
29UC006	Chartham
29UC007	Chestfield
29UC008	Chislet
29UC009	Fordwich
29UC010	Hackington
29UC011	Harbledown
29UC012	Hoath
29UC013	Ickham and Well
29UC014	Kingston

29UC015	Littlebourne
29UC016	Lower Hardres
29UC017	Petham
29UC018	St. Cosmus and St. Damian in the Blean
29UC019	Sturry
29UC020	Thanington Without
29UC021	Upper Hardres
29UC022	Waltham
29UC023	Westbere
29UC024	Wickhambreaux
29UC025	Womenswold
29UC026	Herne and Broomfield
29UD001	Bean
29UD002	Darenth
29UD003	Longfield and New Barn
29UD004	Southfleet
29UD005	Stone
29UD006	Sutton-at-Hone and Hawley
29UD007	Swanscombe and Greenhithe
29UD008	Wilmington
29UE001	Alkham
29UE002	Ash
29UE003	Aylesham
29UE004	Capel-le-Ferne
29UE005	Denton with Wootton
29UE006	Eastry
29UE007	Eythorne
29UE008	Goodnestone
29UE009	Guston
29UE010	Hougham Without
29UE011	Langdon
29UE012	Lydden
29UE013	Nonington
29UE014	Northbourne
29UE015	Preston
29UE016	Ringwould with Kingsdown
29UE017	Ripple
29UE018	River
29UE019	St. Margaret's at Cliffe
29UE020	Sandwich

29UE021	Shepherdswell with Coldred
29UE022	Sholden
29UE023	Staple
29UE024	Stourmouth
29UE025	Sutton
29UE026	Temple Ewell
29UE027	Tilmanstone
29UE028	Whitfield
29UE029	Wingham
29UE030	Woodnesborough
29UE031	Worth
29UE032	Deal
29UE033	Dover
29UE034	Great Mongeham
29UE035	Walmer
29UG001	Cobham
29UG002	Higham
29UG003	Luddesdown
29UG004	Meopham
29UG005	Shorne
29UG006	Vigo
29UH001	Barming
29UH002	Bearsted
29UH003	Bicknor
29UH004	Boughton Malherbe
29UH005	Boughton Monchelsea
29UH006	Boxley
29UH007	Bredhurst
29UH008	Broomfield and Kingswood
29UH009	Chart Sutton
29UH010	Coxheath
29UH011	Detling
29UH012	Downswood
29UH013	East Farleigh
29UH014	East Sutton
29UH015	Frinsted
29UH016	Harrietsham
29UH017	Headcorn
29UH018	Hollingbourne
29UH019	Hucking



29UH020	Hunton
29UH021	Langley
29UH022	Leeds
29UH023	Lenham
29UH024	Linton
29UH025	Loose
29UH026	Marden
29UH027	Nettlestead
29UH028	Otham
29UH029	Otterden
29UH030	Staplehurst
29UH031	Stockbury
29UH032	Sutton Valence
29UH033	Teston
29UH034	Thurnham
29UH035	Tovil
29UH036	Ulcombe
29UH037	West Farleigh
29UH038	Wichling
29UH039	Wormshill
29UH040	Yalding
29UH041	Collier Street
29UK001	Ash-cum-Ridley
29UK002	Brasted
29UK003	Chevening
29UK004	Chiddingstone
29UK005	Cowden
29UK006	Crockenhill
29UK007	Dunton Green
29UK008	Edenbridge
29UK009	Eynsford
29UK010	Farningham
29UK011	Fawkham
29UK012	Halstead
29UK013	Hartley
29UK014	Hever
29UK015	Horton Kirby and South Darent
29UK016	Kemsing
29UK017	Knockholt
29UK018	Leigh

29UK019	Otford
29UK020	Penshurst
29UK021	Riverhead
29UK022	Seal
29UK023	Sevenoaks
29UK024	Sevenoaks Weald
29UK025	Shoreham
29UK026	Sundridge with Ide Hill
29UK027	Swanley
29UK028	Westerham
29UK029	West Kingsdown
29UL001	Acrise
29UL002	Brenzett
29UL003	Brookland
29UL004	Burmarsh
29UL005	Dymchurch
29UL006	Elham
29UL007	Elmsted
29UL008	Hawkinge
29UL009	Hythe
29UL010	Ivychurch
29UL011	Lydd
29UL012	Lyminge
29UL013	Lympne
29UL014	Monks Horton
29UL015	Newchurch
29UL016	Newington
29UL017	New Romney
29UL018	Old Romney
29UL019	Paddlesworth
29UL020	Postling
29UL021	St. Mary in the Marsh
29UL022	Saltwood
29UL023	Sellindge
29UL024	Snargate
29UL025	Stanford
29UL026	Stelling Minnis
29UL027	Stowting
29UL028	Swingfield
29UL029	Folkestone

29UL030	Sandgate
29UM001	Badlesmere
29UM002	Bapchild
29UM003	Bobbing
29UM004	Borden
29UM005	Boughton under Blean
29UM006	Bredgar
29UM008	Doddington
29UM009	Dunkirk
29UM010	Eastchurch
29UM011	Eastling
29UM012	Faversham
29UM013	Graveney with Goodnestone
29UM014	Hartlip
29UM015	Hernhill
29UM016	Iwade
29UM017	Leaveland
29UM018	Leysdown
29UM019	Lower Halstow
29UM020	Luddenham
29UM021	Lynsted with Kingsdown
29UM022	Milstead
29UM023	Newington
29UM024	Newnham
29UM025	Norton, Buckland and Stone
29UM026	Oare
29UM027	Ospringe
29UM028	Queenborough
29UM029	Rodmersham
29UM030	Selling
29UM031	Sheldwich
29UM032	Stalisfield
29UM034	Teynham
29UM035	Throwley
29UM036	Tonge
29UM037	Tunstall
29UM038	Upchurch
29UM039	Warden
29UM040	Minster-on-Sea
29UN001	Acol

29UN002	Birchington
29UN003	Broadstairs and St. Peters
29UN004	Manston
29UN005	Minster
29UN006	Monkton
29UN007	St. Nicholas at Wade
29UN008	Sarre
29UN009	Cliffsend
29UP001	Addington
29UP002	Aylesford
29UP003	Birling
29UP004	Borough Green
29UP005	Burham
29UP006	Ditton
29UP007	East Malling and Larkfield
29UP008	East Peckham
29UP009	Hadlow
29UP010	Hildenborough
29UP011	Ightham
29UP012	Leybourne
29UP013	Mereworth
29UP014	Offham
29UP015	Platt
29UP016	Plaxtol
29UP017	Ryarsh
29UP018	Shipbourne
29UP019	Snodland
29UP020	Stansted
29UP021	Trottscliffe
29UP022	Wateringbury
29UP023	West Malling
29UP024	West Peckham
29UP025	Wouldham
29UP026	Wrotham
29UP027	Kings Hill
29UQ001	Benenden
29UQ002	Bidborough
29UQ003	Brenchley
29UQ004	Capel
29UQ005	Cranbrook

29UQ006	Frittenden
29UQ007	Goudhurst
29UQ008	Hawkhurst
29UQ009	Horsmonden
29UQ010	Lamberhurst
29UQ011	Paddock Wood
29UQ012	Pembury
29UQ013	Sandhurst
29UQ014	Southborough
29UQ015	Speldhurst
30UD001	Briercliffe
30UD002	Cliviger
30UD003	Dunnockshaw
30UD004	Habergham Eaves
30UD005	Hapton
30UD006	Ightenhill
30UD007	Worsthorne-with-Hurstwood
30UD008	Padiham
30UE001	Adlington
30UE002	Anderton
30UE003	Anglezarke
30UE004	Astley Village
30UE005	Bretherton
30UE006	Brindle
30UE007	Charnock Richard
30UE008	Clayton-le-Woods
30UE009	Coppull
30UE010	Croston
30UE011	Cuerden
30UE012	Ecclestone
30UE013	Euxton
30UE014	Heapey
30UE015	Heath Charnock
30UE016	Heskin
30UE017	Hoghton
30UE018	Mawdesley
30UE019	Rivington
30UE020	Ulnes Walton
30UE021	Wheelton
30UE022	Whittle-le-Woods

30UE023	Withnell
30UF001	Bryning-with-Warton
30UF002	Elswick
30UF003	Freckleton
30UF004	Greenhalgh-with-Thistleton
30UF005	Kirkham
30UF006	Little Eccleston-with-Larbreck
30UF007	Medlar-with-Wesham
30UF008	Newton-with-Clifton
30UF009	Ribby-with-Wrea
30UF010	Singleton
30UF011	Staining
30UF012	Treales, Roseacre and Wharles
30UF013	Weeton-with-Preese
30UF014	Westby-with-Plumpton
30UG001	Altham
30UH001	Arkholme-with-Cawood
30UH002	Bolton-le-Sands
30UH003	Borwick
30UH004	Burrow-with-Burrow
30UH005	Cantsfield
30UH006	Carnforth
30UH007	Caton-with-Littledale
30UH008	Cloughton
30UH009	Cockerham
30UH010	Ellel
30UH011	Gressingham
30UH012	Halton-with-Aughton
30UH013	Heaton-with-Oxcliffe
30UH014	Hornby-with-Farleton
30UH015	Ireby
30UH016	Leck
30UH017	Melling-with-Wrayton
30UH018	Middleton
30UH019	Nether Kellet
30UH020	Over Kellet
30UH021	Overton
30UH022	Over Wyresdale
30UH023	Priest Hutton
30UH024	Quernmore

30UH025	Roeburndale
30UH026	Scotforth
30UH027	Silverdale
30UH028	Slyne-with-Hest
30UH029	Tatham
30UH030	Thurnham
30UH031	Tunstall
30UH032	Warton
30UH033	Wennington
30UH034	Whittington
30UH035	Wray-with-Botton
30UH036	Yealand Conyers
30UH037	Yealand Redmayne
30UJ001	Barley-with-Wheatley Booth
30UJ002	Barnoldswick
30UJ003	Barrowford
30UJ004	Blacko
30UJ005	Bracewell and Brogden
30UJ006	Foulridge
30UJ007	Goldshaw Booth
30UJ008	Higham-with-West Close Booth
30UJ009	Old Laund Booth
30UJ010	Reedley Hallows
30UJ011	Roughlee Booth
30UJ012	Salterforth
30UJ013	Trawden Forest
30UJ014	Brierfield
30UJ015	Earby
30UJ016	Kelbrook and Sough
30UJ017	Laneshaw Bridge
30UK001	Barton
30UK002	Broughton
30UK003	Goosnargh
30UK004	Grimsargh
30UK005	Haighton
30UK006	Lea
30UK007	Whittingham
30UK008	Woodplumpton
30UL001	Aighton, Bailey and Chaigley
30UL002	Balderstone

30UL003	Bashall Eaves
30UL004	Billington and Langho
30UL005	Bolton-by-Bowland
30UL006	Bowland Forest High
30UL007	Bowland Forest Low
30UL008	Bowland-with-Leagram
30UL009	Chatburn
30UL010	Chipping
30UL011	Clayton-le-Dale
30UL012	Clitheroe
30UL013	Dinckley
30UL014	Downham
30UL015	Dutton
30UL016	Easington
30UL017	Gisburn
30UL018	Gisburn Forest
30UL019	Great Mitton
30UL020	Grindleton
30UL021	Horton
30UL022	Hothersall
30UL023	Little Mitton
30UL024	Longridge
30UL025	Mearley
30UL026	Mellor
30UL027	Middop
30UL028	Newsholme
30UL029	Newton
30UL030	Osbaldeston
30UL031	Paythorne
30UL032	Pendleton
30UL033	Ramsgreave
30UL034	Read
30UL035	Ribchester
30UL036	Rimington
30UL037	Sabden
30UL038	Salesbury
30UL039	Sawley
30UL040	Simonstone
30UL041	Slaidburn
30UL042	Thornley-with-Wheatley



30UL043	Twiston
30UL044	Waddington
30UL045	West Bradford
30UL046	Whalley
30UL047	Wilpshire
30UL048	Wiswell
30UL049	Worston
30UM001	Whitworth
30UN001	Cuerdale
30UN002	Farington
30UN003	Hutton
30UN004	Little Hoole
30UN005	Longton
30UN006	Much Hoole
30UN007	Penwortham
30UN008	Samlesbury
30UP001	Aughton
30UP002	Bickerstaffe
30UP003	Bispham
30UP004	Burscough
30UP005	Dalton
30UP006	Downholland
30UP007	Great Altcar
30UP008	Halsall
30UP009	Hesketh-with-Becconsall
30UP010	Lathom
30UP011	Newburgh
30UP012	North Meols
30UP013	Parbold
30UP014	Rufford
30UP015	Scarisbrick
30UP016	Tarleton
30UP017	Up Holland
30UP018	Wrightington
30UP019	Simonswood
30UP020	Hilldale
30UQ001	Barnacre-with-Bonds
30UQ003	Bleasdale
30UQ004	Cabus
30UQ005	Catterall

30UQ006	Claughton
30UQ007	Forton
30UQ008	Garstang
30UQ009	Great Eccleston
30UQ010	Hambleton
30UQ011	Inskip-with-Sowerby
30UQ012	Kirkland
30UQ014	Nateby
30UQ015	Nether Wyersdale
30UQ016	Out Rawcliffe
30UQ017	Pilling
30UQ018	Preesall
30UQ019	Stalmine-with-Staynall
30UQ020	Upper Rawcliffe-with-Tarnacre
30UQ021	Winmarleigh
30UQ022	Myerscough and Bilsborrow
31UB001	Aston Flamville
31UB002	Blaby
31UB003	Braunstone
31UB004	Cosby
31UB005	Countesthorpe
31UB006	Croft
31UB007	Elmesthorpe
31UB008	Enderby
31UB009	Glenfields
31UB010	Glen Parva
31UB011	Huncote
31UB012	Kilby
31UB013	Kirby Muxloe
31UB014	Leicester Forest East
31UB015	Leicester Forest West
31UB016	Lubbesthorpe
31UB017	Narborough
31UB018	Potters Marston
31UB019	Sapcote
31UB020	Sharnford
31UB021	Stoney Stanton
31UB022	Thurlaston
31UB023	Whetstone
31UB024	Wigston Parva

31UC001	Anstey
31UC002	Barkby
31UC003	Barkby Thorpe
31UC004	Barrow upon Soar
31UC005	Beeby
31UC006	Birstall
31UC007	Burton on the Wolds
31UC008	Cossington
31UC009	Cotes
31UC010	East Goscote
31UC011	Hathern
31UC012	Hoton
31UC013	Mountsorrel
31UC014	Newtown Linford
31UC015	Prestwold
31UC016	Queniborough
31UC017	Quorndon
31UC018	Ratcliffe on the Wreake
31UC019	Rearsby
31UC020	Rothley
31UC021	Seagrave
31UC022	Shepshed
31UC023	Sileby
31UC024	South Croxton
31UC025	Swithland
31UC026	Syston
31UC027	Thrussington
31UC028	Thurcaston and Cropston
31UC029	Thurmaston
31UC030	Ulverscroft
31UC031	Walton on the Wolds
31UC032	Wanlip
31UC033	Woodhouse
31UC034	Wymeswold
31UD001	Allextton
31UD002	Arnesby
31UD003	Ashby Magna
31UD004	Ashby Parva
31UD005	Billesdon
31UD006	Bittesby

31UD007	Bitteswell
31UD008	Blaston
31UD009	Bringhurst
31UD010	Broughton Astley
31UD011	Bruntingthorpe
31UD012	Burton Overy
31UD013	Carlton Curlieu
31UD014	Catthorpe
31UD015	Claybrooke Magna
31UD016	Claybrooke Parva
31UD017	Cold Newton
31UD018	Cotesbach
31UD019	Cranoe
31UD020	Drayton
31UD021	Dunton Bassett
31UD022	East Langton
31UD023	East Norton
31UD024	Fleckney
31UD025	Foxton
31UD026	Frisby
31UD027	Frolesworth
31UD028	Gaulby
31UD029	Gilmorton
31UD030	Glooston
31UD031	Goadby
31UD032	Great Easton
31UD033	Great Glen
31UD034	Gumley
31UD035	Hallaton
31UD036	Horninghold
31UD037	Houghton on the Hill
31UD038	Hungarton
31UD039	Husbands Bosworth
31UD040	Illston on the Hill
31UD041	Keyham
31UD042	Kibworth Beauchamp
31UD043	Kibworth Harcourt
31UD044	Kimcote and Walton
31UD045	King's Norton
31UD046	Knaptoft

31UD047	Laughton
31UD048	Launde
31UD049	Leire
31UD050	Little Stretton
31UD051	Loddington
31UD052	Lovesby
31UD053	Lubenham
31UD054	Lutterworth
31UD055	Marefield
31UD056	Medbourne
31UD057	Misterton with Walcote
31UD058	Mowsley
31UD059	Nevill Holt
31UD060	North Kilworth
31UD061	Noseley
31UD062	Owston and Newbold
31UD063	Peatling Magna
31UD064	Peatling Parva
31UD065	Rolleston
31UD066	Saddington
31UD067	Scraptoft
31UD068	Shangton
31UD069	Shawell
31UD070	Shearsby
31UD071	Skeffington
31UD072	Slawston
31UD073	Smeeton Westerby
31UD074	South Kilworth
31UD075	Stockerston
31UD076	Stonton Wyville
31UD077	Stoughton
31UD079	Swinford
31UD080	Theddingworth
31UD081	Thorpe Langton
31UD082	Thurnby and Bushby
31UD083	Tilton
31UD084	Tugby and Keythorpe
31UD085	Tur Langton
31UD086	Ullesthorpe
31UD087	Welham

31UD088	West Langton
31UD089	Westrill and Starmore
31UD091	Willoughby Waterleys
31UD092	Wistow
31UD093	Withcote
31UD094	Great Bowden
31UE001	Bagworth & Thornton
31UE002	Barlestone
31UE003	Burbage
31UE004	Cadeby
31UE005	Carlton
31UE006	Desford
31UE007	Groby
31UE008	Higham on the Hill
31UE009	Market Bosworth
31UE010	Markfield
31UE011	Nailstone
31UE012	Newbold Verdon
31UE013	Osbaston
31UE014	Peckleton
31UE015	Ratby
31UE016	Shackerstone
31UE017	Sheepy
31UE018	Stanton-under-Bardon
31UE019	Stoke Golding
31UE020	Sutton Cheney
31UE021	Twycross
31UE022	Witherley
31UE023	Earl Shilton
31UG001	Ab Kettleby
31UG002	Asfordby
31UG003	Belvoir
31UG004	Bottesford
31UG005	Broughton and Old Dalby
31UG006	Buckminster
31UG007	Burton and Dalby
31UG008	Clawson, Hose and Harby
31UG009	Croxton Kerrial
31UG010	Eaton
31UG011	Freeby

31UG012	Frisby and Kirby
31UG013	Gaddesby
31UG014	Garthorpe
31UG015	Grimston
31UG016	Hoby with Rotherby
31UG017	Knossington and Cold Overton
31UG018	Redmile
31UG019	Scalford
31UG020	Somerby
31UG021	Sproxton
31UG022	Stathern
31UG023	Twyford and Thorpe
31UG024	Waltham
31UG025	Wymondham
31UH001	Appleby Magna
31UH002	Ashby-de-la-Zouch
31UH003	Ashby Woulds
31UH004	Bardon
31UH005	Belton
31UH006	Breedon on the Hill
31UH007	Castle Donington
31UH008	Charley
31UH009	Chilcote
31UH010	Coleorton
31UH011	Heather
31UH012	Ibstock
31UH013	Isley cum Langley
31UH014	Kegworth
31UH015	Lockington-Hemington
31UH016	Long Whatton and Diseworth
31UH017	Measham
31UH018	Normanton le Heath
31UH019	Oakthorpe and Donisthorpe
31UH020	Osgathorpe
31UH021	Packington
31UH022	Ravenstone with Snibstone
31UH023	Snarestone
31UH024	Staunton Harold
31UH025	Stretton en le Field
31UH026	Swannington

31UH027	Swepstone
31UH028	Worthington
31UH029	Ellistown and Battleflat
32UB001	Algarkirk
32UB002	Amber Hill
32UB003	Benington
32UB004	Bicker
32UB005	Butterwick
32UB006	Fishtoft
32UB007	Fosdyke
32UB008	Frampton
32UB009	Freiston
32UB010	Holland Fen with Brothertoft
32UB011	Kirton
32UB012	Leverton
32UB013	Old Leake
32UB014	Sutterton
32UB015	Swineshead
32UB016	Wigtoft
32UB017	Wrangle
32UB018	Wyberton
32UC001	Aby with Greenfield
32UC002	Addlethorpe
32UC003	Alford
32UC004	Alvingham
32UC005	Anderby
32UC006	Ashby with Scremby
32UC007	Asterby
32UC008	Aswardby
32UC009	Authorpe
32UC010	Baumber
32UC011	Beesby with Saleby
32UC012	Belchford
32UC013	Belleau
32UC014	Benniworth
32UC015	Bilsby
32UC016	Binbrook
32UC017	Bolingbroke
32UC018	Brackenborough with Little Grimsby
32UC019	Bratoft



32UC020	<b>Brinkhill</b>
32UC021	<b>Bucknall</b>
32UC022	<b>Burgh le Marsh</b>
32UC023	<b>Burgh on Bain</b>
32UC024	<b>Burwell</b>
32UC025	<b>Calcethorpe with Kelstern</b>
32UC026	<b>Candlesby with Gunby</b>
32UC027	<b>Carrington</b>
32UC028	<b>Chapel St. Leonards</b>
32UC029	<b>Claxby St Andrew</b>
32UC030	<b>Claxby with Moorby</b>
32UC031	<b>Claythorpe</b>
32UC032	<b>Coningsby</b>
32UC033	<b>Conisholme</b>
32UC034	<b>Covenham St Bartholomew</b>
32UC035	<b>Covenham St Mary</b>
32UC036	<b>Croft</b>
32UC037	<b>Cumberworth</b>
32UC038	<b>Dalby</b>
32UC039	<b>Donington on Bain</b>
32UC040	<b>East Barkwith</b>
32UC041	<b>East Keal</b>
32UC042	<b>East Kirkby</b>
32UC043	<b>Eastville</b>
32UC044	<b>Edlington with Wispington</b>
32UC045	<b>Elkington</b>
32UC046	<b>Farlesthorpe</b>
32UC047	<b>Firsby</b>
32UC048	<b>Fotherby</b>
32UC049	<b>Friskney</b>
32UC050	<b>Frithville</b>
32UC051	<b>Fulletby</b>
32UC052	<b>Fulstow</b>
32UC053	<b>Gautby</b>
32UC054	<b>Gayton le Marsh</b>
32UC055	<b>Gayton le Wold</b>
32UC056	<b>Goulceby</b>
32UC057	<b>Grainsby</b>
32UC058	<b>Grainthorpe</b>
32UC059	<b>Great Carlton</b>

32UC060	Great Steeping
32UC061	Great Sturton
32UC062	Greetham with Somersby
32UC063	Grimoldby
32UC064	Hagworthingham
32UC065	Hainton
32UC066	Hallington
32UC067	Haltham
32UC068	Halton Hologate
32UC069	Hameringham
32UC070	Hannah cum Hagnaby
32UC071	Harrington
32UC072	Hatton
32UC073	Haugh
32UC074	Haugham
32UC075	Hemingby
32UC076	High Toynton
32UC077	Hogsthorpe
32UC078	Holton le Clay
32UC079	Horncastle
32UC080	Horsington
32UC081	Hundleby
32UC082	Huttoft
32UC083	Ingoldmells
32UC084	Irby in the Marsh
32UC085	Keddington
32UC086	Kirkby on Bain
32UC087	Langrville
32UC088	Langton
32UC089	Langton by Spilsby
32UC090	Langton by Wragby
32UC091	Legbourne
32UC092	Little Carlton
32UC093	Little Cawthorpe
32UC094	Little Steeping
32UC095	Louth
32UC096	Low Toynton
32UC097	Ludborough
32UC098	Ludford
32UC099	Lusby with Winceby

32UC100	Mablethorpe and Sutton
32UC101	Maidenwell
32UC102	Maltby le Marsh
32UC103	Manby
32UC104	Mareham le Fen
32UC105	Mareham on the Hill
32UC106	Markby
32UC107	Market Stainton
32UC108	Marshchapel
32UC109	Mavis Enderby
32UC110	Midville
32UC111	Minting
32UC112	Muckton
32UC113	Mumby
32UC114	New Leake
32UC115	North Coates
32UC116	North Cockerington
32UC117	North Ormsby
32UC118	North Somercotes
32UC119	North Thoresby
32UC120	Orby
32UC121	Partney
32UC122	Raithby
32UC123	Raithby cum Maltby
32UC124	Ranby
32UC125	Reston
32UC126	Revesby
32UC127	Rigsby with Ailby
32UC128	Roughton
32UC132	Sausthorpe
32UC133	Scamblesby
32UC134	Scrivelsby
32UC135	Sibsey
32UC136	Skegness
32UC137	Skendleby
32UC138	Skidbrooke with Saltfleet Haven
32UC139	Sotby
32UC140	South Cockerington
32UC141	South Ormsby cum Ketsby
32UC142	South Somercotes

32UC143	South Thoresby
32UC144	South Willingham
32UC145	Spilsby
32UC146	Stenigot
32UC147	Stewton
32UC148	Stickford
32UC149	Stickney
32UC150	Stixwould and Woodhall
32UC151	Strubby with Woodthorpe
32UC152	Swaby
32UC153	Tathwell
32UC154	Tattershall
32UC155	Tattershall Thorpe
32UC156	Tetford
32UC157	Tetney
32UC158	Theddlethorpe All Saints
32UC159	Theddlethorpe St Helen
32UC160	Thimbleby
32UC161	Thornton le Fen
32UC162	Thorpe St. Peter
32UC163	Toynton All Saints
32UC164	Toynton St Peter
32UC165	Tumby
32UC166	Tupholme
32UC167	Ulceby with Fordington
32UC168	Utterby
32UC169	Waddingworth
32UC170	Wainfleet All Saints
32UC171	Wainfleet St Mary
32UC172	Waithe
32UC173	Walmsgate
32UC174	Well
32UC175	Welton le Marsh
32UC176	Welton le Wold
32UC177	West Ashby
32UC178	West Barkwith
32UC179	West Fen
32UC180	West Keal
32UC181	West Torrington
32UC182	Westville

32UC183	Wildmore
32UC184	Willoughby with Sloothby
32UC185	Withcall
32UC186	Withern with Stain
32UC187	Wood Enderby
32UC188	Woodhall Spa
32UC189	Wragby
32UC190	Wyham cum Cadeby
32UC191	Yarburgh
32UC192	Saltfleetby
32UE001	Anwick
32UE002	Asgarby and Howell
32UE003	Ashby de la Launde and Bloxholm
32UE004	Aswarby and Swarby
32UE005	Aubourn Haddington and South Hykeham
32UE006	Aunsby and Dembleby
32UE007	Bassingham
32UE008	Beckingham
32UE009	Billinghay
32UE010	Blankney
32UE011	Boothby Graffoe
32UE012	Bracebridge Heath
32UE013	Branston and Mere
32UE014	Brant Broughton and Stragglethorpe
32UE015	Brauncewell
32UE016	Burton Pedwardine
32UE017	Canwick
32UE018	Carlton-le-Moorland
32UE019	Coleby
32UE020	Cranwell and Byard's Leap
32UE021	Culverthorpe and Kelby
32UE022	Digby
32UE023	Doddington and Whisby
32UE024	Dogdyke
32UE025	Dorrington
32UE026	Dunston
32UE027	Eagle and Swinethorpe
32UE028	Ewerby and Evedon
32UE029	Great Hale
32UE030	Harmston

32UE031	Heckington
32UE032	Heighington
32UE033	Helpringham
32UE034	Kirkby la Thorpe
32UE035	Leadenham
32UE036	Leasingham
32UE037	Little Hale
32UE038	Martin
32UE039	Metheringham
32UE040	Navenby
32UE041	Newton and Haceby
32UE042	Nocton
32UE043	North Hykeham
32UE044	North Kyme
32UE045	North Rauceby
32UE046	North Scarle
32UE047	Norton Disney
32UE048	Osbournby
32UE049	Potter Hanworth
32UE050	Rowston
32UE051	Roxholm
32UE052	Ruskington
32UE053	Scopwick
32UE054	Scredington
32UE055	Silk Willoughby
32UE056	Skellingthorpe
32UE057	Sleaford
32UE058	South Kyme
32UE059	South Rauceby
32UE060	Stapleford
32UE061	Swaton
32UE062	Swinderby
32UE063	Temple Bruer with Temple High Grange
32UE064	Thorpe on the Hill
32UE065	Threkingham
32UE066	Thurlby
32UE067	Timberland
32UE068	Waddington
32UE069	Walcot near Folkingham
32UE070	Walcott

32UE071	Washingborough
32UE072	Welbourn
32UE073	Wellingore
32UE074	Wilsford
32UE075	Witham St. Hughs
32UF001	Cowbit
32UF002	Crowland
32UF003	Deeping St Nicholas
32UF004	Donington
32UF005	Fleet
32UF006	Gedney
32UF007	Gedney Hill
32UF008	Gosberton
32UF009	Holbeach
32UF010	Little Sutton
32UF011	Long Sutton
32UF012	Lutton
32UF013	Moulton
32UF014	Pinchbeck
32UF015	Quadring
32UF016	Surfleet
32UF017	Sutton Bridge
32UF018	Sutton St Edmund
32UF019	Sutton St James
32UF020	Tydd St Mary
32UF021	Weston
32UF022	Whaplode
32UG001	Allington
32UG002	Ancaster
32UG003	Aslackby and Laughton
32UG004	Barholm and Stowe
32UG005	Barkston
32UG006	Barrowby
32UG007	Baston
32UG008	Belton and Manthorpe
32UG009	Billingborough
32UG010	Bitchfield and Bassingthorpe
32UG011	Boothby Pagnell
32UG012	Bourne
32UG013	Braceborough and Wilsthorpe

32UG014	Braceby and Sapperton
32UG015	Burton Coggles
32UG016	Careby Aunby and Holywell
32UG017	Carlby
32UG018	Carlton Scroop
32UG019	Castle Bytham
32UG020	Caythorpe
32UG021	Claypole
32UG022	Colsterworth
32UG023	Corby Glen
32UG024	Counthorpe and Creeton
32UG025	Deeping St James
32UG026	Denton
32UG027	Dowsby
32UG028	Dunsby
32UG029	Easton
32UG030	Edenham
32UG031	Fenton
32UG032	Folkingham
32UG033	Foston
32UG034	Fulbeck
32UG035	Great Gonerby
32UG036	Great Ponton
32UG037	Greatford
32UG038	Gunby and Stainby
32UG039	Haconby
32UG040	Harlaxton
32UG041	Heydour
32UG042	Honington
32UG043	Horbling
32UG044	Hough-on-the-Hill
32UG045	Hougham
32UG046	Ingoldsby
32UG047	Irnham
32UG048	Kirkby Underwood
32UG049	Langtoft
32UG050	Lenton Keisby and Osgodby
32UG051	Little Bytham
32UG052	Little Ponton and Stroxton
32UG053	Londonthorpe and Harrowby Without



32UG054	Long Bennington
32UG055	Market Deeping
32UG056	Marston
32UG057	Morton
32UG058	Normanton
32UG059	North Witham
32UG060	Old Somerby
32UG061	Pickworth
32UG062	Pointon and Sempringham
32UG063	Rippingale
32UG064	Ropsley and Humby
32UG065	Sedgebrook
32UG066	Skillington
32UG067	South Witham
32UG068	Stamford
32UG069	Stoke Rochford
32UG070	Stubton
32UG071	Swayfield
32UG072	Swinstead
32UG073	Syston
32UG074	Tallington
32UG075	Thurlby
32UG076	Toft with Lound and Manthorpe
32UG077	Uffington
32UG078	Welby
32UG079	West Deeping
32UG080	Westborough and Dry Doddington
32UG081	Witham on the Hill
32UG082	Woolsthorpe By Belvoir
32UG083	Wyville cum Hungerton
32UH001	Aisthorpe
32UH002	Apley
32UH003	Bardney
32UH004	Barlings
32UH005	Bigby
32UH006	Bishop Norton
32UH007	Blyborough
32UH008	Blyton
32UH009	Brampton
32UH010	Brattleby

32UH011	Broadholme
32UH012	Brocklesby
32UH013	Broxholme
32UH014	Bullington
32UH015	Burton
32UH016	Buslingthorpe
32UH017	Cabourne
32UH018	Caenby
32UH019	Caistor
32UH020	Cammeringham
32UH021	Cherry Willingham
32UH022	Claxby
32UH023	Cold Hanworth
32UH024	Corringham
32UH025	Dunholme
32UH026	East Ferry
32UH027	East Stockwith
32UH028	Faldingworth
32UH029	Fenton
32UH030	Fillingham
32UH031	Fiskerton
32UH032	Friesthorpe
32UH033	Fulnetby
32UH034	Gate Burton
32UH035	Glentham
32UH036	Glentworth
32UH037	Golto
32UH038	Grange de Lings
32UH039	Grasby
32UH040	Grayingham
32UH041	Great Limber
32UH042	Greetwell
32UH043	Hackthorn
32UH044	Hardwick
32UH045	Harpwell
32UH046	Heapham
32UH047	Hemswell
32UH048	Holton cum Beckering
32UH049	Holton le Moor
32UH050	Ingham

32UH051	Keelby
32UH052	Kettlethorpe
32UH053	Kexby
32UH054	Kirmond le Mire
32UH055	Knaith
32UH056	Laughton
32UH057	Lea
32UH058	Legsby
32UH059	Linwood
32UH060	Lissington
32UH061	Market Rasen
32UH062	Marton
32UH063	Middle Rasen
32UH064	Morton
32UH065	Nettleham
32UH066	Nettleton
32UH067	Newball
32UH068	Newton on Trent
32UH069	Normanby by Spital
32UH070	Normanby le Wold
32UH071	North Carlton
32UH072	North Kelsey
32UH073	North Willingham
32UH074	Northorpe
32UH075	Osgodby
32UH076	Owersby
32UH077	Owmbly
32UH078	Pilham
32UH079	Rand
32UH080	Reepham
32UH081	Riby
32UH082	Riseholme
32UH083	Rothwell
32UH084	Saxby
32UH085	Saxilby with Ingleby
32UH086	Scampton
32UH087	Scothern
32UH088	Scotter
32UH089	Scotton
32UH090	Searby cum Owmbly

32UH091	Sixhills
32UH092	Snarford
32UH093	Snelland
32UH094	Snitterby
32UH095	Somerby
32UH096	South Carlton
32UH097	South Kelsey
32UH098	Spridlington
32UH099	Springthorpe
32UH100	Stainfield
32UH101	Stainton by Langworth
32UH102	Stainton le Vale
32UH103	Stow
32UH104	Sturton by Stow
32UH105	Sudbrooke
32UH106	Swallow
32UH107	Swinhope
32UH108	Tealby
32UH109	Thonock
32UH110	Thoresway
32UH111	Thorganby
32UH112	Thorpe in the Fallows
32UH113	Toft Newton
32UH114	Torksey
32UH115	Upton
32UH116	Waddingham
32UH117	Walesby
32UH118	Walkerith
32UH119	Welton
32UH120	West Firsby
32UH121	West Rasen
32UH122	Wickenby
32UH123	Wildsworth
32UH124	Willingham
32UH125	Willoughton
32UH126	Gainsborough
32UH127	Hemswell Cliff
32UH128	Brookenby
33UB001	Ashill
33UB002	Attleborough

33UB003	Banham
33UB004	Bawdeswell
33UB005	Beachamwell
33UB006	Beeston with Bittering
33UB007	Beetley
33UB008	Besthorpe
33UB009	Billingford
33UB010	Bintree
33UB011	Blo' Norton
33UB012	Bradenham
33UB013	Brettenham
33UB014	Bridgham
33UB015	Brisley
33UB016	Bylaugh
33UB017	Carbrooke
33UB018	Caston
33UB019	Cockley Cley
33UB020	Colkirk
33UB021	Cranwich
33UB022	Cranworth
33UB023	Croxton
33UB024	Didlington
33UB025	Dereham
33UB026	East Tuddenham
33UB027	Elsing
33UB028	Foulden
33UB029	Foxley
33UB030	Fransham
33UB031	Garboldisham
33UB032	Garvestone
33UB033	Gateley
33UB034	Gooderstone
33UB035	Great Cressingham
33UB036	Great Dunham
33UB037	Great Ellingham
33UB038	Gressenhall
33UB039	Griston
33UB040	Guist
33UB041	Hardingham
33UB042	Harling

33UB043	Hilborough
33UB044	Hockering
33UB045	Hockham
33UB046	Hoe
33UB047	Holme Hale
33UB048	Horningtoft
33UB049	Ickburgh
33UB050	Kempstone
33UB051	Kenninghall
33UB052	Kilverstone
33UB053	Lexham
33UB054	Litcham
33UB055	Little Cressingham
33UB056	Little Dunham
33UB057	Little Ellingham
33UB058	Longham
33UB059	Lynford
33UB060	Lyng
33UB061	Mattishall
33UB062	Merton
33UB063	Mileham
33UB064	Mundford
33UB065	Narborough
33UB066	Narford
33UB067	Necton
33UB068	New Buckenham
33UB069	Newton by Castle Acre
33UB070	North Elmham
33UB071	North Lopham
33UB072	North Pickenham
33UB073	North Tuddenham
33UB074	Old Buckenham
33UB075	Ovington
33UB076	Oxborough
33UB077	Quidenham
33UB078	Riddlesworth
33UB079	Rocklands
33UB080	Roudham and Larling
33UB081	Rougham
33UB082	Saham Toney

33UB083	Scarning
33UB084	Scoulton
33UB085	Shipdham
33UB086	Shropham
33UB087	Snetterton
33UB088	South Acre
33UB089	South Lopham
33UB090	South Pickenham
33UB091	Sparham
33UB092	Sporle with Palgrave
33UB093	Stanfield
33UB094	Stanford
33UB095	Stow Bedon
33UB096	Sturston
33UB097	Swaffham
33UB098	Swanton Morley
33UB099	Thetford
33UB100	Thompson
33UB101	Tittleshall
33UB102	Tottington
33UB103	Twyford
33UB104	Watton
33UB105	Weasenham All Saints
33UB106	Weasenham St. Peter
33UB107	Weeting-with-Broomhill
33UB108	Wellingham
33UB109	Wendling
33UB110	Whinburgh and Westfield
33UB111	Whissonsett
33UB112	Wretham
33UB113	Yaxham
33UC001	Acle
33UC002	Alderford
33UC003	Attlebridge
33UC004	Aylsham
33UC005	Beeston St. Andrew
33UC006	Beighton
33UC007	Belaugh
33UC008	Blickling
33UC009	Blofield

33UC010	Booton
33UC011	Brampton
33UC012	Brandiston
33UC013	Brundall
33UC014	Burgh and Tuttington
33UC015	Buxton with Lammas
33UC016	Cantley
33UC017	Cawston
33UC018	Coltishall
33UC019	Croswick
33UC020	Drayton
33UC021	Felthorpe
33UC022	Foulsham
33UC023	Freethorpe
33UC024	Frettenham
33UC025	Great and Little Plumstead
33UC026	Great Witchingham
33UC027	Guestwick
33UC028	Hainford
33UC029	Halvergate
33UC030	Haveringland
33UC031	Hellesdon
33UC032	Hemblington
33UC033	Hevingham
33UC034	Heydon
33UC035	Honingham
33UC036	Horsford
33UC037	Horsham St. Faith and Newton St. Faith
33UC038	Horstead with Stanninghall
33UC039	Lingwood and Burlingham
33UC040	Little Witchingham
33UC041	Marsham
33UC042	Morton on the Hill
33UC043	Old Catton
33UC044	Oulton
33UC045	Postwick with Witton
33UC046	Rackheath
33UC047	Reedham
33UC048	Reepham
33UC049	Ringland



33UC050	Salhouse
33UC051	Salle
33UC052	South Walsham
33UC053	Spixworth
33UC054	Sprowston
33UC055	Stratton Strawless
33UC056	Strumpshaw
33UC057	Swannington
33UC058	Taverham
33UC059	Themelthorpe
33UC060	Thorpe St. Andrew
33UC061	Upton with Fishley
33UC062	Weston Longville
33UC063	Woodbastwick
33UC064	Wood Dalling
33UC065	Wroxham
33UD001	Ashby with Oby
33UD002	Belton with Browston
33UD003	Bradwell
33UD004	Burgh Castle
33UD005	Caister-on-Sea
33UD006	Filby
33UD007	Fleggburgh
33UD008	Fritton and St. Olaves
33UD009	Hemsby
33UD010	Hopton-on-Sea
33UD011	Martham
33UD012	Mautby
33UD013	Ormesby St. Margaret with Scratby
33UD014	Ormesby St. Michael
33UD015	Repps with Bastwick
33UD016	Rollesby
33UD017	Somerton
33UD018	Stokesby with Herringby
33UD019	Thurne
33UD020	West Caister
33UD021	Winterton-on-Sea
33UE001	Anmer
33UE002	Bagthorpe with Barmer
33UE003	Barton Bendish

33UE004	Barwick
33UE005	Bawsey
33UE006	Bircham
33UE007	Boughton
33UE008	Brancaster
33UE009	Burnham Market
33UE010	Burnham Norton
33UE011	Burnham Overy
33UE012	Burnham Thorpe
33UE013	Castle Acre
33UE014	Castle Rising
33UE015	Choseley
33UE016	Clenchwarton
33UE017	Congham
33UE018	Crimplesham
33UE019	Denver
33UE020	Dersingham
33UE021	Docking
33UE022	Downham Market
33UE023	Downham West
33UE024	East Rudham
33UE025	East Walton
33UE026	East Winch
33UE027	Emneth
33UE028	Feltwell
33UE029	Fincham
33UE030	Flitcham with Appleton
33UE031	Fordham
33UE032	Fring
33UE033	Gayton
33UE034	Great Massingham
33UE035	Grimston
33UE036	Harpley
33UE037	Heacham
33UE038	Hilgay
33UE039	Hillington
33UE040	Hockwold cum Wilton
33UE041	Holme next the Sea
33UE042	Houghton
33UE043	Hunstanton

33UE044	Ingoldisthorpe
33UE045	Leziate
33UE046	Little Massingham
33UE047	Marham
33UE048	Marshland St. James
33UE049	Methwold
33UE050	Middleton
33UE051	Nordelph
33UE052	North Creake
33UE053	North Runcton
33UE054	Northwold
33UE055	North Wootton
33UE056	Old Hunstanton
33UE057	Outwell
33UE058	Pentney
33UE059	Ringstead
33UE060	Roydon
33UE061	Runcton Holme
33UE062	Ryston
33UE063	Sandringham
33UE064	Sedgeford
33UE065	Sherborne
33UE066	Shouldham
33UE067	Shouldham Thorpe
33UE068	Snettisham
33UE069	South Creake
33UE070	Southery
33UE071	South Wootton
33UE072	Stanhoe
33UE073	Stoke Ferry
33UE074	Stow Bardolph
33UE075	Stradsett
33UE076	Syderstone
33UE077	Terrington St. Clement
33UE078	Terrington St. John
33UE079	Thornham
33UE080	Tilney All Saints
33UE081	Tilney St. Lawrence
33UE082	Titchwell
33UE083	Tottenham

33UE084	Upwell
33UE085	Walpole
33UE086	Walpole Cross Keys
33UE087	Walpole Highway
33UE088	Walsoken
33UE089	Watlington
33UE090	Welney
33UE091	Wereham
33UE092	West Acre
33UE093	West Dereham
33UE094	West Rudham
33UE095	West Walton
33UE096	West Winch
33UE097	Wiggenhall St. Germans
33UE098	Wiggenhall St. Mary Magdalen
33UE099	Wimbotsham
33UE100	Wormegay
33UE101	Wretton
33UF001	Alby with Thwaite
33UF002	Aldborough
33UF003	Antingham
33UF004	Ashmanhaugh
33UF005	Aylmerton
33UF006	Baconsthorpe
33UF007	Bacton
33UF008	Barsham
33UF009	Barton Turf
33UF010	Beeston Regis
33UF011	Binham
33UF012	Blakeney
33UF013	Bodham
33UF014	Briningham
33UF015	Brinton
33UF016	Briston
33UF017	Brumstead
33UF018	Catfield
33UF019	Cley Next The Sea
33UF020	Colby
33UF021	Corpusty
33UF022	Cromer

33UF023	Dilham
33UF024	Dunton
33UF025	East Beckham
33UF026	East Ruston
33UF027	Edgefield
33UF028	Erpingham
33UF029	Fakenham
33UF030	Felbrigg
33UF031	Felmingham
33UF032	Field Dalling
33UF033	Fulmodeston
33UF034	Gimmingham
33UF035	Great Snoring
33UF036	Gresham
33UF037	Gunthorpe
33UF038	Hanworth
33UF039	Happisburgh
33UF040	Helhoughton
33UF041	Hempstead
33UF042	Hempton
33UF043	Hickling
33UF044	High Kelling
33UF045	Hindolveston
33UF046	Hindringham
33UF047	Holkham
33UF048	Holt
33UF049	Honing
33UF050	Horning
33UF051	Horsey
33UF052	Hoveton
33UF053	Ingham
33UF054	Ingworth
33UF055	Itteringham
33UF056	Kelling
33UF057	Kettlestone
33UF058	Knapton
33UF059	Langham
33UF060	Lessingham
33UF061	Letheringsett with Glandford
33UF062	Little Barningham

33UF063	Little Snoring
33UF064	Ludham
33UF065	Matlask
33UF066	Melton Constable
33UF067	Morston
33UF068	Mundesley
33UF069	Neatishead
33UF070	Northrepps
33UF071	North Walsham
33UF072	Overstrand
33UF073	Paston
33UF074	Plumstead
33UF075	Potter Heigham
33UF076	Pudding Norton
33UF077	Raynham
33UF078	Roughton
33UF079	Runton
33UF080	Ryburgh
33UF081	Salthouse
33UF082	Scottow
33UF083	Sculthorpe
33UF084	Sea Palling
33UF085	Sheringham
33UF086	Sidestrand
33UF087	Skeyton
33UF088	Sloley
33UF089	Smallburgh
33UF090	Southrepps
33UF091	Stalham
33UF092	Stibbard
33UF093	Stiffkey
33UF094	Stody
33UF095	Suffield
33UF096	Sustead
33UF097	Sutton
33UF098	Swafield
33UF099	Swanton Abbott
33UF100	Swanton Novers
33UF101	Tattersett
33UF102	Thornage

33UF103	Thorpe Market
33UF104	Thurning
33UF105	Thursford
33UF106	Trimingham
33UF107	Trunch
33UF108	Tunstead
33UF109	Upper Sheringham
33UF110	Walsingham
33UF111	Warham
33UF112	Wells-next-the-Sea
33UF113	West Beckham
33UF114	Westwick
33UF115	Weybourne
33UF116	Wickmere
33UF117	Wighton
33UF118	Witton
33UF119	Wiveton
33UF120	Wood Norton
33UF121	Worstead
33UH001	Alburgh
33UH002	Aldeby
33UH003	Alpington
33UH004	Ashby St. Mary
33UH005	Ashwellthorpe and Fundenhall
33UH006	Aslacton
33UH007	Barford
33UH008	Barnham Broom
33UH009	Bawburgh
33UH010	Bedingham
33UH011	Bergh Apton
33UH012	Bixley
33UH013	Bracon Ash
33UH014	Bramerton
33UH015	Bressingham
33UH016	Brockdish
33UH017	Brooke
33UH018	Broome
33UH019	Bunwell
33UH020	Burgh St. Peter
33UH021	Burston and Shimpling

33UH022	Caistor St. Edmund
33UH023	Carleton Rode
33UH024	Carleton St. Peter
33UH025	Chedgrave
33UH026	Claxton
33UH027	Colney
33UH028	Costessey
33UH029	Cringleford
33UH030	Denton
33UH031	Deopham
33UH032	Dickleburgh and Rushall
33UH033	Diss
33UH034	Ditchingham
33UH035	Earsham
33UH036	East Carleton
33UH037	Easton
33UH038	Ellingham
33UH039	Flordon
33UH040	Forncett
33UH041	Framingham Earl
33UH042	Framingham Pigot
33UH043	Geldeston
33UH044	Gillingham
33UH045	Gissing
33UH046	Great Melton
33UH047	Great Moulton
33UH048	Haddiscoe
33UH049	Hales
33UH050	Heckingham
33UH051	Hedenham
33UH052	Hellington
33UH053	Hempnall
33UH054	Hethersett
33UH055	Hingham
33UH056	Holverston
33UH057	Howe
33UH058	Keswick
33UH059	Ketteringham
33UH060	Kimberley
33UH061	Kirby Bedon



33UH062	Kirby Cane
33UH063	Kirstead
33UH064	Langley with Hardley
33UH065	Little Melton
33UH066	Loddon
33UH067	Long Stratton
33UH068	Marlingford and Colton
33UH069	Morley
33UH070	Morning Thorpe
33UH071	Mulbarton
33UH072	Mundham
33UH073	Needham
33UH074	Newton Flotman
33UH075	Norton Subcourse
33UH076	Poringland
33UH077	Pulham Market
33UH078	Pulham St. Mary
33UH079	Raveningham
33UH080	Redenhall with Harleston
33UH081	Rockland St. Mary
33UH082	Roydon
33UH083	Runhall
33UH084	Saxlingham Nethergate
33UH085	Scole
33UH086	Seething
33UH087	Shelfanger
33UH088	Shelton and Hardwick
33UH089	Shotesham
33UH090	Sisland
33UH091	Starston
33UH092	Stockton
33UH093	Stoke Holy Cross
33UH094	Surlingham
33UH095	Swainsthorpe
33UH096	Swardeston
33UH097	Tacolneston
33UH098	Tasburgh
33UH099	Tharston and Hapton
33UH100	Thurlton
33UH101	Thurton

33UH102	Thwaite
33UH103	Tibenham
33UH104	Tivetshall St. Margaret
33UH105	Tivetshall St. Mary
33UH106	Toft Monks
33UH107	Topcroft
33UH108	Trowse with Newton
33UH109	Wacton
33UH110	Wheatacre
33UH111	Wicklewood
33UH112	Winfarthing
33UH113	Woodton
33UH114	Wortwell
33UH115	Wrampingham
33UH116	Wreningham
33UH117	Wymondham
33UH118	Yelverton
33UH119	Heywood
34UB001	Cottingham
34UB002	East Carlton
34UB003	Gretton
34UB004	Middleton
34UB005	Rockingham
34UB006	Stanion
34UB007	Weldon
34UC001	Althorp
34UC002	Arthingworth
34UC003	Ashby St Ledgers
34UC004	Badby
34UC005	Barby
34UC006	Boughton
34UC007	Braunston
34UC008	Brington
34UC009	Brixworth
34UC010	Brockhall
34UC011	Byfield
34UC012	Canons Ashby
34UC013	Catesby
34UC014	Chapel Brampton
34UC015	Charwelton

34UC016	Church Brampton
34UC017	Clay Coton
34UC018	Clipston
34UC019	Cold Ashby
34UC020	Cottesbrooke
34UC021	Creaton
34UC022	Crick
34UC023	Dodford
34UC024	Draughton
34UC025	East Farndon
34UC026	East Haddon
34UC027	Elkington
34UC028	Everdon
34UC029	Farthingstone
34UC030	Fawsley
34UC031	Flore
34UC032	Great Oxendon
34UC033	Guilsborough
34UC034	Hannington
34UC035	Harlestone
34UC036	Haselbech
34UC037	Hellidon
34UC038	Holcot
34UC039	Holdenby
34UC040	Hollowell
34UC041	Kelmarsh
34UC042	Kilsby
34UC043	Lamport
34UC044	Lilbourne
34UC045	Long Buckby
34UC046	Maidwell
34UC047	Marston Trussell
34UC048	Moulton
34UC049	Naseby
34UC050	Newnham
34UC051	Norton
34UC052	Old
34UC053	Overstone
34UC054	Pitsford
34UC055	Preston Capes

34UC056	Ravensthorpe
34UC057	Scaldwell
34UC058	Sibbertoft
34UC059	Spratton
34UC060	Stanford
34UC061	Staverton
34UC062	Stowe IX Churches
34UC063	Sulby
34UC064	Thornby
34UC065	Walgrave
34UC066	Watford
34UC067	Weedon Bec
34UC068	Welford
34UC069	Welton
34UC070	West Haddon
34UC071	Whilton
34UC072	Winwick
34UC073	Woodford cum Membris
34UC074	Yelvertoft
34UC075	Daventry
34UD001	Aldwinckle
34UD002	Apethorpe
34UD003	Ashton
34UD004	Barnwell
34UD005	Benefield
34UD006	Blatherwycke
34UD007	Brigstock
34UD008	Bulwick
34UD009	Chelveston cum Caldecott
34UD010	Clopton
34UD011	Collyweston
34UD012	Cotterstock
34UD013	Deene
34UD014	Deenethorpe
34UD015	Denford
34UD016	Duddington-with-Fineshade
34UD017	Easton on the Hill
34UD018	Fotheringhay
34UD019	Glaphorn
34UD020	Great Addington

34UD021	Hargrave
34UD022	Harringworth
34UD023	Hemington
34UD024	Higham Ferrers
34UD025	Irthlingborough
34UD026	Islip
34UD027	King's Cliffe
34UD028	Laxton
34UD029	Lilford-cum-Wigsthorpe
34UD030	Little Addington
34UD031	Lowick
34UD032	Luddington
34UD033	Lutton
34UD034	Nassington
34UD035	Newton Bromswold
34UD036	Oundle
34UD037	Pilton
34UD038	Polebrook
34UD039	Raunds
34UD040	Ringstead
34UD041	Southwick
34UD042	Stoke Doyle
34UD043	Sudborough
34UD044	Tansor
34UD045	Thorpe Achurch
34UD046	Thrapston
34UD047	Thurning
34UD048	Titchmarsh
34UD049	Twywell
34UD050	Wadenhoe
34UD051	Wakerley
34UD052	Warmington
34UD053	Woodford
34UD054	Woodnewton
34UD055	Yarwell
34UD056	Rushden
34UD057	Stanwick
34UE001	Ashley
34UE002	Brampton Ash
34UE003	Braybrooke

34UE004	Broughton
34UE005	Burton Latimer
34UE006	Cranford
34UE007	Cransley
34UE008	Desborough
34UE009	Dingley
34UE010	Geddington
34UE011	Grafton Underwood
34UE012	Harrington
34UE013	Loddington
34UE014	Newton and Little Oakley
34UE015	Orton
34UE016	Pytchley
34UE017	Rothwell
34UE018	Rushton
34UE019	Stoke Albany
34UE020	Sutton Bassett
34UE021	Thorpe Malsor
34UE022	Warkton
34UE023	Weekley
34UE024	Weston by Welland
34UE025	Wilbarston
34UE026	Barton Seagrave
34UE027	Mawsley
34UF001	Billing
34UF002	Collingtree
34UF003	Duston
34UF004	Great Houghton
34UF005	Hardingstone
34UF006	Upton
34UF007	Wootton
34UG001	Abthorpe
34UG002	Adstone
34UG003	Ashton
34UG004	Aston le Walls
34UG005	Aynho
34UG006	Blakesley
34UG007	Blisworth
34UG008	Boddington
34UG009	Brackley

34UG010	Bradden
34UG011	Brafield on the Green
34UG012	Bugbrooke
34UG013	Castle Ashby
34UG014	Chacombe
34UG015	Chipping Warden
34UG016	Cogenhoe and Whiston
34UG017	Cold Higham
34UG018	Cosgrove
34UG019	Courteenhall
34UG020	Croughton
34UG021	Culworth
34UG022	Deanshanger
34UG023	Denton
34UG024	Easton Neston
34UG025	Edgcote
34UG026	Evenley
34UG027	Eydon
34UG028	Farthinghoe
34UG029	Gayton
34UG030	Grafton Regis
34UG031	Greatworth
34UG032	Greens Norton
34UG033	Hackleton
34UG034	Harpole
34UG035	Hartwell
34UG036	Helmdon
34UG037	Hinton-in-the Hedges
34UG038	Kings Sutton
34UG039	Kislingbury
34UG040	Litchborough
34UG041	Little Houghton
34UG042	Maidford
34UG043	Marston St Lawrence
34UG044	Middleton Cheney
34UG045	Milton Malsor
34UG046	Moreton Pinkney
34UG047	Nether Heyford
34UG048	Newbottle
34UG049	Old Stratford

34UG050	Pattishall
34UG051	Paulerspury
34UG052	Potterspury
34UG053	Quinton
34UG054	Radstone
34UG055	Roade
34UG056	Rothersthorpe
34UG057	Shutlanger
34UG058	Silverstone
34UG059	Slapton
34UG060	Stoke Bruerne
34UG061	Sulgrave
34UG062	Syresham
34UG063	Thenford
34UG064	Thorpe Mandeville
34UG065	Tiffield
34UG066	Towcester
34UG067	Upper Heyford
34UG068	Wappenham
34UG069	Warkworth
34UG070	Weston and Weedon
34UG071	Whitfield
34UG072	Whittlebury
34UG073	Wicken
34UG074	Woodend
34UG075	Yardley Gobion
34UG076	Yardley Hastings
34UG077	Overthorpe
34UG078	Grange Park
34UG079	Alderton
34UH001	Bozeat
34UH002	Earls Barton
34UH003	Easton Maudit
34UH004	Ecton
34UH005	Finedon
34UH006	Great Doddington
34UH007	Great Harrowden
34UH008	Grendon
34UH009	Hardwick
34UH010	Irchester



34UH011	Isham
34UH012	Little Harrowden
34UH013	Mears Ashby
34UH014	Orlingbury
34UH015	Strixton
34UH016	Sywell
34UH017	Wilby
34UH018	Wollaston
35UB001	Acklington
35UB002	Alnham
35UB003	Alnmouth
35UB004	Alnwick
35UB005	Alwinton
35UB006	Amble by the Sea
35UB007	Biddlestone
35UB008	Brinkburn
35UB009	Callaly
35UB010	Cartington
35UB011	Craster
35UB012	Denwick
35UB013	Edlingham
35UB014	Eglingham
35UB015	Elsdon
35UB016	Embleton
35UB017	Felton
35UB018	Glanton
35UB019	Harbottle
35UB020	Hauxley
35UB021	Hedgeley
35UB022	Heppe
35UB023	Hesleyhurst
35UB024	Hollinghill
35UB025	Lesbury
35UB026	Longframlington
35UB027	Longhoughton
35UB028	Netherton
35UB029	Newton-by-the-Sea
35UB030	Newton-on-the-Moor and Swarland
35UB031	Nunykirk
35UB032	Rennington

35UB033	Rothbury
35UB034	Rothley
35UB035	Shilbottle
35UB036	Snitter
35UB037	Thropton
35UB038	Togston
35UB039	Whitton and Tosson
35UB040	Warkworth
35UB041	Whittingham
35UC001	Adderstone with Lucker
35UC002	Akeld
35UC003	Ancroft
35UC004	Bamburgh
35UC005	Beadnell
35UC006	Belford
35UC007	Bewick
35UC008	Bowsden
35UC009	Branxton
35UC010	Carham
35UC011	Chatton
35UC012	Chillingham
35UC013	Cornhill-on-Tweed
35UC014	Doddington
35UC015	Duddo
35UC016	Earle
35UC017	Easington
35UC018	Ellingham
35UC019	Ewart
35UC020	Ford
35UC021	Holy Island
35UC022	Horncliffe
35UC023	Ilderton
35UC024	Ingram
35UC025	Kilham
35UC026	Kirknewton
35UC027	Kyloe
35UC028	Lilburn
35UC029	Lowick
35UC030	Middleton
35UC031	Milfield

35UC032	Norham
35UC033	North Sunderland
35UC034	Ord
35UC035	Roddam
35UC036	Shoreswood
35UC037	Wooler
35UE001	Belsay
35UE002	Capheaton
35UE003	Cresswell
35UE004	East Chevington
35UE005	Ellington and Linton
35UE006	Hartburn
35UE007	Hebron
35UE008	Heddon-on-the-Wall
35UE009	Hepscott
35UE010	Longhirst
35UE011	Longhorsley
35UE012	Lynemouth
35UE013	Matfen
35UE014	Meldon
35UE015	Mitford
35UE016	Morpeth
35UE017	Netherwitton
35UE018	Pegswood
35UE019	Ponteland
35UE020	Stamfordham
35UE021	Stannington
35UE022	Thirston
35UE024	Ulgham
35UE025	Wallington Demesne
35UE027	Whalton
35UE028	Widdrington Village
35UE029	Tritlington and West Chevington
35UE030	Widdrington Station and Stobswood
35UF001	Acomb
35UF002	Allendale
35UF003	Bardon Mill
35UF004	Bavington
35UF005	Bellingham
35UF006	Birtley

35UF007	Blanchland
35UF008	Broomhaugh and Riding
35UF009	Broomley and Stocksfield
35UF010	Bywell
35UF011	Chollerton
35UF012	Coanwood
35UF013	Corbridge
35UF014	Corsenside
35UF015	Falstone
35UF016	Featherstone
35UF017	Greenhead
35UF018	Greystead
35UF019	Haltwhistle
35UF020	Hartleyburn
35UF021	Haydon
35UF022	Healey
35UF023	Hedley
35UF024	Henshaw
35UF025	Hexham
35UF026	Hexhamshire
35UF027	Hexhamshire Low Quarter
35UF028	Horsley
35UF029	Humshaugh
35UF030	Kielder
35UF031	Kirkwhelpington
35UF032	Knaresdale with Kirkhaugh
35UF033	Melkridge
35UF034	Newbrough
35UF035	Otterburn
35UF036	Ovingham
35UF037	Ovington
35UF038	Plenmeller with Whitfield
35UF039	Prudhoe
35UF040	Rochester
35UF041	Sandhoe
35UF042	Shotley Low Quarter
35UF043	Simonburn
35UF044	Slaley
35UF045	Tarset
35UF046	Thirlwall

35UF047	Wall
35UF048	Warden
35UF049	Wark
35UF050	West Allen
35UF051	Whittington
35UF052	Wylam
36UB001	Airton
36UB002	Appletreewick
36UB003	Arncliffe
36UB004	Austwick
36UB005	Bank Newton
36UB006	Barden
36UB007	Beamsley
36UB008	Bentham
36UB009	Bolton Abbey
36UB010	Bordley
36UB011	Bradleys Both
36UB012	Broughton
36UB013	Buckden
36UB014	Burnsall
36UB015	Burton in Lonsdale
36UB016	Calton
36UB017	Carleton
36UB018	Clapham cum Newby
36UB019	Coniston Cold
36UB020	Conistone with Kilnsey
36UB021	Cononley
36UB022	Cowling
36UB023	Cracoe
36UB024	Draughton
36UB025	Elslack
36UB026	Embsay with Eastby
36UB027	Eshton
36UB028	Farnhill
36UB029	Flasby with Winterburn
36UB030	Gargrave
36UB031	Giggleswick
36UB032	Glusburn
36UB033	Grassington
36UB034	Halton East

36UB035	Halton Gill
36UB036	Halton West
36UB037	Hanlith
36UB038	Hartlington
36UB039	Hawkswick
36UB040	Hazlewood with Storiths
36UB041	Hebden
36UB042	Hellifield
36UB043	Hetton
36UB044	Horton in Ribblesdale
36UB045	Ingleton
36UB046	Kettlewell with Starbotton
36UB047	Kildwick
36UB048	Kirkby Malham
36UB049	Langcliffe
36UB050	Lawkland
36UB051	Linton
36UB052	Litton
36UB053	Long Preston
36UB054	Lothersdale
36UB055	Malham
36UB056	Malham Moor
36UB057	Martons Both
36UB058	Nappa
36UB059	Otterburn
36UB060	Rathmell
36UB061	Rylstone
36UB062	Scosthrop
36UB063	Settle
36UB064	Skipton
36UB065	Stainforth
36UB066	Stirton with Thorlby
36UB067	Sutton
36UB068	Swinden
36UB069	Thornton in Craven
36UB070	Thornton in Lonsdale
36UB071	Thorpe
36UB072	Threshfield
36UB073	Wigglesworth
36UC001	Ainderby Mires with Holtby

36UC002	Ainderby Quernhow
36UC003	Ainderby Steeple
36UC004	Aiskew
36UC005	Aldwark
36UC006	Alne
36UC007	Angram Grange
36UC008	Appleton Wiske
36UC009	Bagby
36UC010	Balk
36UC011	Bedale
36UC012	Beningbrough
36UC013	Bilsdale Midcable
36UC014	Birdforth
36UC015	Birkby
36UC016	Boltby
36UC017	Borrowby
36UC018	Brafferton
36UC019	Brandsby-cum-Stearsby
36UC020	Brompton
36UC021	Burneston
36UC022	Burrill with Cowling
36UC023	Carlton
36UC024	Carlton Husthwaite
36UC025	Carlton Miniott
36UC026	Carthorpe
36UC027	Catton
36UC028	Clifton-on-Yore
36UC029	Cotcliffe
36UC030	Cowesby
36UC031	Coxwold
36UC032	Crakehall
36UC033	Crathorne
36UC034	Crayke
36UC035	Crosby
36UC036	Dalby-cum-Skewsby
36UC037	Dalton
36UC039	Deighton
36UC040	Easby
36UC041	Easingwold
36UC042	East Cowton

36UC043	East Harlsey
36UC044	East Rounton
36UC045	East Tanfield
36UC046	Eldmire with Crakehill
36UC047	Ellerbeck
36UC048	Exelby, Leeming and Newton
36UC049	Faceby
36UC050	Farlington
36UC051	Fawdington
36UC052	Felixkirk
36UC053	Firby
36UC054	Flawith
36UC055	Gatenby
36UC056	Girsby
36UC057	Great and Little Broughton
36UC058	Great Ayton
36UC059	Great Busby
36UC060	Great Langton
36UC061	Great Smeaton
36UC062	Hackforth
36UC063	Helperby
36UC064	High Worsall
36UC065	Holme
36UC066	Hood Grange
36UC067	Hornby
36UC068	Howe
36UC069	Howgrave
36UC070	Huby
36UC071	Hustwaite
36UC072	Hutton Bonville
36UC073	Hutton Rudby
36UC074	Hutton-Sessay
36UC075	Ingleby Arncliffe
36UC076	Ingleby Greenhow
36UC077	Kepwick
36UC078	Kilburn High and Low
36UC079	Kildale
36UC080	Killerby
36UC081	Kiplin
36UC082	Kirby Knowle



36UC083	Kirby Sigston
36UC084	Kirby Wiske
36UC085	Kirkby
36UC086	Kirkby Fleetham with Fencote
36UC087	Kirklington-cum-Upsland
36UC088	Knayton with Brawith
36UC089	Landmoth-cum-Catto
36UC090	Langthorne
36UC092	Leake
36UC093	Linton-on-Ouse
36UC094	Little Ayton
36UC095	Little Busby
36UC096	Little Langton
36UC097	Little Smeaton
36UC098	Low Worsall
36UC099	Marion-cum-Moxby
36UC100	Maunby
36UC101	Middleton-on-Leven
36UC102	Morton-on-Swale
36UC103	Myton-on-Swale
36UC104	Nether Siltan
36UC105	Newburgh
36UC106	Newby
36UC107	Newby Wiske
36UC108	Newsham with Breckenbrough
36UC109	Newton-on-Ouse
36UC110	Northallerton
36UC111	North Kilvington
36UC112	North Otterington
36UC113	Osmotherley
36UC114	Oulston
36UC115	Over Dinsdale
36UC116	Over Siltan
36UC117	Overton
36UC118	Pickhill with Roxby
36UC119	Picton
36UC120	Potto
36UC121	Rand Grange
36UC122	Raskelf
36UC123	Romanby

36UC124	Rookwith
36UC125	Rudby
36UC126	Sandhutton
36UC127	Scruton
36UC128	Seamer
36UC129	Sessay
36UC130	Sexhow
36UC131	Shipton
36UC132	Sinderby
36UC133	Skipton-on-Swale
36UC134	Skutterskelfe
36UC135	Snape with Thorp
36UC136	South Cowton
36UC137	South Kilvington
36UC138	South Otterington
36UC139	Sowerby
36UC140	Sowerby-under-Cotcliffe
36UC141	Stillington
36UC142	Stokesley
36UC143	Sutton-on-the-Forest
36UC144	Sutton-under-Whitstonecliffe
36UC145	Sutton with Howgrave
36UC146	Swainby with Allerthorpe
36UC147	Theakston
36UC148	Thimbleby
36UC149	Thirkleby High and Low with Osgodby
36UC150	Thirlby
36UC151	Thirn
36UC152	Thirsk
36UC153	Tholthorpe
36UC154	Thormanby
36UC155	Thornbrough
36UC156	Thornton-le-Beans
36UC157	Thornton-le-Moor
36UC158	Thornton-le-Street
36UC159	Thornton-on-the-Hill
36UC160	Thornton Watlass
36UC161	Thrintoft
36UC162	Tollerton
36UC163	Topcliffe

36UC164	Upsall
36UC165	Warlaby
36UC166	Welbury
36UC167	Well
36UC168	West Harlsey
36UC169	West Rounton
36UC170	West Tanfield
36UC171	Whenby
36UC172	Whitwell
36UC173	Whorlton
36UC174	Wildon Grange
36UC175	Winton, Stank and Hallikeld
36UC176	Yafforth
36UC177	Yearsley
36UC178	Youlton
36UC179	Danby Wiske with Lazenby
36UD001	Aldfield
36UD002	Allerton Mauleverer with Hopperton
36UD003	Arkendale
36UD004	Asenby
36UD005	Askwith
36UD006	Azerley
36UD007	Baldersby
36UD008	Bewerley
36UD009	Bilton-in-Ainsty with Bickerton
36UD010	Birstwith
36UD011	Bishop Monkton
36UD012	Bishop Thornton
36UD013	Blubberhouses
36UD014	Boroughbridge
36UD015	Brearton
36UD016	Bridge Hewick
36UD017	Burton Leonard
36UD018	Burton-on-Yore
36UD019	Castley
36UD020	Cattal
36UD021	Clint cum Hamlets
36UD022	Colsterdale
36UD023	Coneythorpe and Clareton
36UD024	Copgrove

36UD025	Copt Hewick
36UD026	Cundall with Leckby
36UD027	Dacre
36UD028	Denton
36UD029	Dishforth
36UD030	Dunsforths
36UD031	Eavestone
36UD032	Ellenthorpe
36UD033	Ellingstring
36UD034	Ellington High and Low
36UD035	Farnham
36UD036	Farnley
36UD037	Fearby
36UD038	Felliscliffe
36UD039	Ferrensby
36UD040	Fewston
36UD041	Flaxby
36UD042	Follifoot
36UD043	Fountains Earth
36UD044	Givendale
36UD045	Goldsborough
36UD046	Grantley
36UD047	Great Ouseburn
36UD048	Great Ribston with Walshford
36UD049	Great Timble
36UD050	Green Hammerton
36UD051	Grewelthorpe
36UD052	Hampsthwaite
36UD053	Hartwith cum Winsley
36UD054	Haverah Park
36UD055	Healey
36UD057	High and Low Bishopside
36UD058	Humberton
36UD059	Hunsingore
36UD060	Hutton Conyers
36UD061	Ilton-cum-Pott
36UD062	Kearby with Netherby
36UD063	Killinghall
36UD064	Kirby Hall
36UD065	Kirby Hill

36UD066	Kirkby Malzeard
36UD067	Kirkby Overblow
36UD068	Kirk Deighton
36UD069	Kirk Hammerton
36UD070	Knaresborough
36UD071	Langthorpe
36UD072	Laverton
36UD073	Leathley
36UD074	Lindley
36UD075	Lindrick with Studley Royal and Fountains
36UD076	Little Ouseburn
36UD077	Little Ribston
36UD078	Littlethorpe
36UD079	Little Timble
36UD080	Long Marston
36UD081	Markingfield Hall
36UD082	Markington with Wallerthwaite
36UD083	Marton cum Grafton
36UD084	Marton-le-Moor
36UD085	Masham
36UD086	Melmerby
36UD087	Menwith with Darley
36UD088	Middleton
36UD089	Middleton Quernhow
36UD090	Milby
36UD091	Moor Monkton
36UD092	Nesfield with Langbar
36UD094	Newall with Clifton
36UD095	Newby with Mulwith
36UD096	Nidd
36UD097	North Deighton
36UD098	North Rigton
36UD099	North Stainley with Sleningford
36UD100	Norton Conyers
36UD101	Norton-le-Clay
36UD102	Norwood
36UD103	Nun Monkton
36UD104	Pannal
36UD105	Plompton
36UD106	Rainton with Newby

36UD107	Ripley
36UD108	Ripon
36UD109	Roecliffe
36UD111	Sawley
36UD112	Scotton
36UD113	Scriven
36UD114	Sharow
36UD115	Sicklinghall
36UD116	Skelding
36UD117	Skelton-on-Ure
36UD118	South Stainley with Cayton
36UD119	Spofforth with Stockeld
36UD120	Stainburn
36UD121	Staveley
36UD122	Stonebeck Down
36UD123	Stonebeck Up
36UD124	Studley Roger
36UD125	Swinton with Warthermarske
36UD126	Thornthwaite with Padside
36UD127	Thornton Bridge
36UD128	Thornville
36UD129	Thorpe Underwoods
36UD130	Thruscross
36UD131	Tockwith
36UD133	Walkingham Hill with Occaney
36UD134	Warsill
36UD135	Wath
36UD136	Weeton
36UD137	Weston
36UD138	Westwick
36UD139	Whixley
36UD140	Wighill
36UD141	Wilstrop
36UD142	Winksley
36UE001	Akebar
36UE002	Aldbrough
36UE003	Appleton East and West
36UE004	Arkengarthdale
36UE005	Arrathorne
36UE006	Aske

36UE007	Askrigg
36UE008	Aysgarth
36UE009	Bainbridge
36UE010	Barden
36UE011	Barton
36UE012	Bellerby
36UE013	Bishopdale
36UE014	Bolton-on-Swale
36UE015	Brompton-on-Swale
36UE016	Brough with St. Giles
36UE017	Burton-cum-Walden
36UE018	Caldbergh with East Scafton
36UE019	Caldwell
36UE020	Carlton Highdale
36UE021	Carlton Town
36UE022	Carperby-cum-Thoresby
36UE023	Castle Bolton with East and West Bolton
36UE024	Catterick
36UE025	Cleasby
36UE026	Cliffe
36UE027	Colburn
36UE028	Constable Burton
36UE029	Coverham with Agglethorpe
36UE030	Croft-on-Tees
36UE031	Dalton
36UE032	Dalton-on-Tees
36UE033	Downholme
36UE034	Easby
36UE035	East Hauxwell
36UE036	East Layton
36UE039	Ellerton Abbey
36UE040	Ellerton-on-Swale
36UE041	Eppleby
36UE042	Eryholme
36UE043	Finghall
36UE044	Forcett and Carkin
36UE045	Garriston
36UE046	Gayles
36UE047	Gilling with Hartforth and Sedbury
36UE048	Grinton

36UE049	Harmby
36UE050	Hawes
36UE051	High Abbotside
36UE052	Hipswell
36UE053	Hornby
36UE054	Hudswell
36UE055	Hunton
36UE056	Hutton Hang
36UE057	Kirby Hill
36UE058	Leyburn
36UE059	Low Abbotside
36UE060	Manfield
36UE061	Marrick
36UE062	Marske
36UE063	Melbecks
36UE064	Melmerby
36UE065	Melsonby
36UE066	Middleham
36UE067	Middleton Tyas
36UE068	Moulton
36UE069	Muker
36UE070	Newbiggin
36UE071	New Forest
36UE072	Newsham
36UE073	Newton-le-Willows
36UE074	Newton Morrell
36UE075	North Cowton
36UE076	Patrick Brompton
36UE077	Preston-under-Scar
36UE078	Ravensworth
36UE079	Redmire
36UE080	Reeth, Fremington and Healaugh
36UE081	Richmond
36UE082	St. Martin's
36UE083	Scorton
36UE084	Scotton
36UE085	Skeeby
36UE086	Spennithorne
36UE087	Stainton
36UE088	Stanwick St. John



36UE089	Stapleton
36UE090	Thoraby
36UE091	Thornton Rust
36UE092	Thornton Steward
36UE093	Tunstall
36UE094	Uckerby
36UE095	Walburn
36UE096	Wensley
36UE097	West Hauxwell
36UE098	West Layton
36UE099	West Scrafton
36UE100	West Witton
36UE101	Whashton
36UE102	East Witton
36UF001	Acklam
36UF002	Aislaby
36UF003	Allerston
36UF004	Amotherby
36UF005	Ampleforth
36UF006	Appleton-le-Moors
36UF007	Appleton-le-Street with Easthorpe
36UF008	Barton-le-Street
36UF009	Barton-le-Willows
36UF010	Barugh (Great and Little)
36UF011	Beadlam
36UF012	Birdsall
36UF013	Bransdale
36UF014	Brawby
36UF015	Broughton
36UF016	Bulmer
36UF017	Burythorpe
36UF018	Buttercrambe with Bossall
36UF019	Byland with Wass
36UF020	Cawton
36UF021	Claxton
36UF023	Cold Kirby
36UF024	Coneysthorpe
36UF025	Coulton
36UF026	Crambe
36UF027	Cropton

36UF029	Ebberston and Yedingham
36UF030	Edstone
36UF031	Fadmoor
36UF032	Farndale East
36UF033	Farndale West
36UF034	Flaxton
36UF035	Foston
36UF036	Foxholes
36UF037	Fryton
36UF038	Ganton
36UF039	Gate Helmsley
36UF040	Gillamoore
36UF041	Gilling East
36UF042	Grimstone
36UF043	Habton
36UF044	Harome
36UF045	Hartoft
36UF046	Harton
36UF047	Hawnby
36UF049	Helmsley
36UF050	Henderskelfe
36UF051	Heslerton
36UF054	Hovingham
36UF055	Howsham
36UF057	Hutton-le-Hole
36UF058	Huttons Ambo
36UF059	Kirby Grindalythe
36UF060	Kirby Misperton
36UF061	Kirkbymoorside
36UF062	Langton
36UF063	Lastingham
36UF064	Leavening
36UF065	Levisham
36UF066	Lillings Ambo
36UF067	Lockton
36UF068	Luttons
36UF069	Malton
36UF070	Marishes
36UF071	Marton
36UF072	Middleton

36UF074	Nawton
36UF076	Newton
36UF077	Normanby
36UF078	Norton-on-Derwent
36UF079	Nunnington
36UF080	Old Byland and Scawton
36UF081	Oldstead
36UF083	Oswaldkirk
36UF084	Pickering
36UF085	Pockley
36UF087	Rievaulx
36UF088	Rillington
36UF089	Rosedale East Side
36UF090	Rosedale West Side
36UF091	Salton
36UF092	Sand Hutton
36UF093	Scackleton
36UF094	Scagglethorpe
36UF095	Scampston
36UF096	Scrayingham
36UF097	Settrington
36UF098	Sherburn
36UF099	Sheriff Hutton
36UF100	Sinnington
36UF102	Slingsby
36UF103	South Holme
36UF104	Spaunton
36UF105	Sproxton
36UF107	Stonegrave
36UF109	Swinton
36UF110	Terrington
36UF111	Thixendale
36UF112	Thornton-le-Clay
36UF113	Thornton-le-Dale
36UF114	Thorpe Bassett
36UF116	Upper Helmsley
36UF117	Warthill
36UF118	Weaverthorpe
36UF119	Welburn (Amotherby Ward)
36UF120	Welburn (Kirkbymoorside Ward)

36UF121	Westow
36UF122	Wharram
36UF123	Whitwell-on-the-Hill
36UF125	Willerby
36UF126	Wilton
36UF127	Wintringham
36UF128	Wombledon
36UF129	Wrelton
36UF130	Stape
36UG001	Aislaby
36UG002	Barnby
36UG003	Borrowby
36UG004	Brompton
36UG005	Broxa-cum-Troutdale
36UG006	Burniston
36UG007	Cayton
36UG008	Cloughton
36UG009	Commondale
36UG010	Danby
36UG011	Darncombe-cum-Langdale End
36UG012	East Ayton
36UG013	Egton
36UG014	Ellerby
36UG015	Eskdaleside cum Ugglebarnby
36UG016	Filey
36UG017	Folkton
36UG018	Fylingdales
36UG019	Glaisdale
36UG020	Goathland
36UG021	Gristhorpe
36UG022	Grosmont
36UG023	Hackness
36UG024	Harwood Dale
36UG025	Hawsker-cum-Stainsacre
36UG026	Hinderwell
36UG027	Hunmanby
36UG028	Hutton Buscel
36UG029	Hutton Mulgrave
36UG030	Irton
36UG031	Lebberston

36UG032	Lythe
36UG033	Mickleby
36UG034	Muston
36UG035	Newby and Scalby
36UG036	Newholm-cum-Dunsley
36UG037	Newton Mulgrave
36UG038	Osgodby
36UG039	Reighton
36UG040	Roxby
36UG041	Seamer
36UG042	Silpho
36UG043	Snainton
36UG044	Sneaton
36UG045	Stainton Dale
36UG046	Suffield-cum-Everley
36UG047	Ugthorpe
36UG048	West Ayton
36UG049	Westerdale
36UG050	Whitby
36UG051	Wykeham
36UG052	Lands common to Fylingdales and Hawsker-cum-Stainsacre
36UG053	Eastfield
36UH002	Acaster Selby
36UH003	Appleton Roebuck
36UH006	Balne
36UH007	Barkston Ash
36UH008	Barlby with Osgodby
36UH009	Barlow
36UH010	Beal
36UH011	Biggin
36UH012	Bilbrough
36UH013	Birkin
36UH015	Bolton Percy
36UH016	Brayton
36UH017	Brotherton
36UH018	Burn
36UH019	Burton Salmon
36UH020	Byram cum Sutton
36UH021	Camblesforth
36UH022	Carlton

36UH023	Catterton
36UH024	Cawood
36UH025	Chapel Haddlesey
36UH026	Church Fenton
36UH027	Cliffe
36UH028	Colton
36UH030	Cridling Stubbs
36UH032	Drax
36UH034	Eggborough
36UH036	Escrick
36UH037	Fairburn
36UH039	Gateforth
36UH040	Grimston
36UH041	Hambleton
36UH042	Healaugh
36UH043	Heck
36UH044	Hemingbrough
36UH045	Hensall
36UH047	Hillam
36UH048	Hirst Courtney
36UH049	Huddleston with Newthorpe
36UH050	Kelfield
36UH051	Kellington
36UH053	Kirkby Wharfe with North Milford
36UH054	Kirk Smeaton
36UH055	Lead
36UH056	Little Fenton
36UH057	Little Smeaton
36UH058	Long Drax
36UH059	Monk Fryston
36UH061	Newland
36UH062	Newton Kyme cum Toulston
36UH063	North Duffield
36UH064	Oxton
36UH065	Riccall
36UH066	Ryther cum Ossendyke
36UH067	Saxton with Scarthingwell
36UH068	Selby
36UH069	Sherburn in Elmet
36UH070	Skipwith

36UH071	South Milford
36UH072	Stapleton
36UH073	Steeton
36UH074	Stillingfleet
36UH075	Stutton with Hazlewood
36UH076	Tadcaster
36UH077	Temple Hirst
36UH078	Thorganby
36UH079	Thorpe Willoughby
36UH080	Towton
36UH081	Ulleskelf
36UH082	Walden Stubbs
36UH083	West Haddlesey
36UH085	Whitley
36UH086	Wistow
36UH087	Womersley
37UB001	Annesley
37UB002	Felley
37UB003	Selston
37UC001	Askham
37UC002	Babworth
37UC003	Barnby Moor
37UC004	Beckingham
37UC005	Bevercotes
37UC006	Blyth
37UC007	Bole
37UC008	Bothamsall
37UC009	Carburton
37UC010	Carlton in Lindrick
37UC011	Clarborough
37UC012	Clayworth
37UC013	Cottam
37UC014	Cuckney
37UC015	Darlton
37UC016	Dunham-on-Trent
37UC017	East Drayton
37UC018	East Markham
37UC019	Eaton
37UC020	Elkesley
37UC021	Everton

37UC022	Fledborough
37UC023	Gamston
37UC024	Gringley on the Hill
37UC025	Grove
37UC026	Harworth Bircotes
37UC027	Haughton
37UC028	Hayton
37UC029	Headon cum Upton
37UC030	Hodsock
37UC031	Holbeck
37UC032	Laneham
37UC033	Lound
37UC034	Marnham
37UC035	Mattersey
37UC036	Misson
37UC037	Misterton
37UC038	Nether Langwith
37UC039	Normanton on Trent
37UC040	North Leverton with Hablesthorpe
37UC041	North Wheatley
37UC042	Norton
37UC043	Ragnall
37UC044	Rampton
37UC045	Ranskill
37UC046	Rhodesia
37UC047	Saundby
37UC048	Scaftworth
37UC049	Scrooby
37UC050	Shireoaks
37UC051	South Leverton
37UC052	South Wheatley
37UC053	Stokeham
37UC054	Sturton le Steeple
37UC055	Styrrup with Oldcotes
37UC056	Sutton
37UC057	Torworth
37UC058	Treswell
37UC059	Tuxford
37UC060	Walkeringham
37UC061	Wallingwells



37UC062	Welbeck
37UC063	West Burton
37UC064	West Drayton
37UC065	West Markham
37UC066	West Stockwith
37UC067	Wiseton
37UC068	Clumber and Hardwick
37UD001	Awsorth
37UD002	Brinsley
37UD003	Cossall
37UD004	Eastwood
37UD005	Greasley
37UD006	Kimberley
37UD007	Nuthall
37UD008	Stapleford
37UD009	Strelley
37UD010	Trowell
37UE001	Bestwood St. Albans
37UE002	Burton Joyce
37UE003	Calverton
37UE004	Colwick
37UE005	Lambley
37UE006	Linby
37UE007	Newstead
37UE008	Papplewick
37UE009	Ravenshead
37UE010	Stoke Bardolph
37UE011	Woodborough
37UF001	Warsop
37UG001	Alverton
37UG002	Averham
37UG003	Balderton
37UG004	Barnby in the Willows
37UG005	Bathley
37UG006	Besthorpe
37UG007	Bilsthorpe
37UG008	Bleasby
37UG009	Blidworth
37UG011	Bulcote
37UG012	Carlton-on-Trent

37UG013	Caunton
37UG014	Caythorpe
37UG015	Clipstone
37UG016	Coddington
37UG017	Collingham
37UG018	Cotham
37UG019	Cromwell
37UG020	Eakring
37UG021	East Stoke
37UG022	Edingley
37UG023	Edwinstowe
37UG024	Egmanton
37UG025	Elston
37UG026	Epperstone
37UG027	Farndon
37UG028	Farnsfield
37UG029	Fiskerton cum Morton
37UG030	Girton
37UG031	Gonalston
37UG032	Grassthorpe
37UG033	Gunthorpe
37UG034	Halam
37UG035	Halloughton
37UG036	Harby
37UG037	Hawton
37UG038	Hockerton
37UG039	Holme
37UG040	Hoveringham
37UG041	Kelham
37UG042	Kersall
37UG043	Kilvington
37UG044	Kirklington
37UG045	Kirton
37UG046	Kneesall
37UG047	Langford
37UG048	Laxton and Moorhouse
37UG050	Lindhurst
37UG051	Lowdham
37UG052	Maplebeck
37UG053	Meering

37UG054	Newark
37UG055	North Clifton
37UG056	North Muskham
37UG057	Norwell
37UG058	Ollerton and Boughton
37UG059	Ompton
37UG060	Ossington
37UG061	Oxton
37UG062	Perlethorpe cum Budby
37UG063	Rainworth
37UG064	Rolleston
37UG065	Rufford
37UG066	South Clifton
37UG067	South Muskham
37UG068	South Scarle
37UG069	Southwell
37UG070	Spalford
37UG071	Staunton
37UG072	Staythorpe
37UG073	Sutton-on-Trent
37UG074	Syerston
37UG075	Thorney
37UG076	Thorpe
37UG077	Thurgarton
37UG078	Upton
37UG079	Walesby
37UG080	Wellow
37UG081	Weston
37UG082	Wigsley
37UG083	Winkburn
37UG084	Winthorpe
37UJ001	Aslockton
37UJ002	Barton in Fabis
37UJ003	Bingham
37UJ004	Bradmore
37UJ005	Bunny
37UJ006	Car Colston
37UJ007	Clipston
37UJ008	Colston Bassett
37UJ009	Costock

37UJ010	Cotgrave
37UJ011	Cropwell Bishop
37UJ012	Cropwell Butler
37UJ013	East Bridgford
37UJ014	East Leake
37UJ015	Elton-on-the-Hill
37UJ016	Flawborough
37UJ017	Flintham
37UJ018	Gamston
37UJ019	Gotham
37UJ020	Granby
37UJ021	Hawksworth
37UJ022	Hickling
37UJ023	Holme Pierrepont
37UJ024	Keyworth
37UJ025	Kingston on Soar
37UJ026	Kinoulton
37UJ027	Kneeton
37UJ028	Langar cum Barnstone
37UJ029	Normanton on Soar
37UJ030	Normanton on the Wolds
37UJ031	Orston
37UJ032	Owthorpe
37UJ033	Plumtree
37UJ034	Radcliffe on Trent
37UJ035	Ratcliffe on Soar
37UJ036	Rempstone
37UJ037	Ruddington
37UJ038	Saxondale
37UJ039	Scarrington
37UJ040	Screveton
37UJ041	Shelford and Newton
37UJ042	Shelton
37UJ043	Sibthorpe
37UJ044	Stanford on Soar
37UJ045	Stanton on the Wolds
37UJ046	Sutton Bonington
37UJ047	Thoroton
37UJ048	Thorpe in the Glebe
37UJ049	Thrumpton

37UJ050	Tithby
37UJ051	Tollerton
37UJ052	Upper Broughton
37UJ053	West Leake
37UJ054	Whatton-in-the-Vale
37UJ055	Widmerpool
37UJ056	Willoughby on the Wolds
37UJ057	Wiverton Hall
37UJ058	Wysall
38UB001	Adderbury
38UB002	Ambrosden
38UB003	Ardley
38UB004	Arcott
38UB005	Barford St. John and St. Michael
38UB006	Begbroke
38UB007	Bicester
38UB008	Blackthorn
38UB009	Bletchington
38UB010	Bloxham
38UB011	Bodicote
38UB012	Bourton
38UB013	Broughton
38UB014	Bucknell
38UB015	Caversfield
38UB016	Charlton-on-Otmoor
38UB017	Chesterton
38UB018	Claydon with Clattercot
38UB019	Cottisford
38UB020	Cropredy
38UB021	Deddington
38UB022	Drayton
38UB023	Duns Tew
38UB024	Epwell
38UB025	Fencott and Murcott
38UB026	Finnere
38UB027	Fringford
38UB028	Fritwell
38UB029	Godington
38UB030	Gosford and Water Eaton
38UB031	Hampton Gay and Poyle

38UB032	Hanwell
38UB033	Hardwick with Tusmore
38UB034	Hethe
38UB035	Hook Norton
38UB036	Horley
38UB037	Hornton
38UB038	Horton-cum-Studley
38UB039	Islip
38UB040	Kidlington
38UB041	Kirtlington
38UB042	Launton
38UB043	Lower Heyford
38UB044	Merton
38UB045	Middle Aston
38UB046	Middleton Stoney
38UB047	Milcombe
38UB048	Milton
38UB049	Mixbury
38UB050	Mollington
38UB051	Newton Purcell with Shelswell
38UB052	Noke
38UB053	North Aston
38UB054	North Newington
38UB055	Oddington
38UB056	Piddington
38UB057	Prescote
38UB058	Shenington with Alkerton
38UB059	Shipton-on-Cherwell and Thrupp
38UB060	Shutford
38UB061	Sibford Ferris
38UB062	Sibford Gower
38UB063	Somerton
38UB064	Souldern
38UB065	South Newington
38UB066	Steeple Aston
38UB067	Stoke Lyne
38UB068	Stratton Audley
38UB069	Swalcliffe
38UB070	Tadmarton
38UB071	Upper Heyford

38UB072	Wardington
38UB073	Wendlebury
38UB074	Weston-on-the-Green
38UB075	Wigginton
38UB076	Wroxton
38UB077	Yarnton
38UB078	Banbury
38UC001	Blackbird Leys
38UC002	Littlemore
38UC003	Old Marston
38UC004	Risinghurst and Sandhills
38UD001	Adwell
38UD002	Aston Rowant
38UD003	Aston Tirrold
38UD004	Aston Upthorpe
38UD005	Beckley and Stowood
38UD006	Benson
38UD007	Berinsfield
38UD008	Berrick Salome
38UD009	Bix and Assendon
38UD010	Brightwell Baldwin
38UD011	Brightwell-cum-Sotwell
38UD012	Britwell Salome
38UD013	Chalgrove
38UD014	Checkendon
38UD015	Chinnor
38UD016	Cholsey
38UD017	Clifton Hampden
38UD018	Crowell
38UD019	Crowmarsh
38UD020	Cuddesdon and Denton
38UD021	Culham
38UD022	Cuxham with Easington
38UD023	Didcot
38UD024	Dorchester
38UD025	Drayton St. Leonard
38UD026	East Hagbourne
38UD027	Elsfield
38UD028	Ewelme
38UD029	Eye and Dunsden

38UD030	Forest Hill with Shotover
38UD031	Garsington
38UD032	Goring
38UD033	Goring Heath
38UD034	Great Haseley
38UD035	Great Milton
38UD036	Harpsden
38UD037	Henley-on-Thames
38UD038	Highmoor
38UD039	Holton
38UD040	Horspath
38UD041	Ipsden
38UD042	Kidmore End
38UD043	Lewknor
38UD044	Little Milton
38UD045	Little Wittenham
38UD046	Long Wittenham
38UD047	Mapledurham
38UD048	Marsh Baldon
38UD049	Moulsford
38UD050	Nettlebed
38UD051	Newington
38UD052	North Moreton
38UD053	Nuffield
38UD054	Nuneham Courtenay
38UD055	Pishill with Stonor
38UD056	Pyrton
38UD057	Rotherfield Greys
38UD058	Rotherfield Peppard
38UD059	Sandford-on-Thames
38UD060	Shiplake
38UD061	Shirburn
38UD062	Sonning Common
38UD063	South Moreton
38UD064	South Stoke
38UD065	Stadhampton
38UD066	Stanton St. John
38UD067	Stoke Row
38UD068	Stoke Talmage
38UD069	Swyncombe



38UD070	Sydenham
38UD071	Tetsworth
38UD072	Thame
38UD074	Tiddington-with-Albury
38UD075	Toot Baldon
38UD076	Towersey
38UD077	Wallingford
38UD078	Warborough
38UD080	Waterstock
38UD081	Watlington
38UD082	West Hagbourne
38UD083	Wheatfield
38UD084	Wheatley
38UD085	Whitchurch-on-Thames
38UD086	Woodcote
38UD087	Woodeaton
38UD088	Waterperry with Thomley
38UD089	Binfield Heath
38UE001	Abingdon
38UE002	Appleford-on-Thames
38UE003	Appleton-with-Eaton
38UE004	Ardington
38UE005	Ashbury
38UE006	Baulking
38UE007	Besselsleigh
38UE008	Blewbury
38UE009	Bourton
38UE010	Buckland
38UE011	Buscot
38UE012	Charney Bassett
38UE013	Childrey
38UE014	Chilton
38UE015	Coleshill
38UE016	Compton Beauchamp
38UE017	Cumnor
38UE018	Denchworth
38UE019	Drayton
38UE020	East Challow
38UE021	East Hanney
38UE022	East Hendred

38UE023	Eaton Hastings
38UE024	Fernham
38UE025	Frilford
38UE026	Fyfield and Tubney
38UE027	Garford
38UE028	Goosey
38UE029	Great Coxwell
38UE030	Great Faringdon
38UE031	Grove
38UE032	Harwell
38UE033	Hatford
38UE034	Hinton Waldrist
38UE035	Kennington
38UE036	Kingston Bagpuize with Southmoor
38UE037	Kingston Lisle
38UE038	Letcombe Bassett
38UE039	Letcombe Regis
38UE040	Little Coxwell
38UE041	Littleworth
38UE042	Lockinge
38UE043	Longcot
38UE044	Longworth
38UE045	Lyford
38UE046	Marcham
38UE047	Milton
38UE048	North Hinksey
38UE049	Pusey
38UE050	Radley
38UE051	St. Helen Without
38UE052	Shellingford
38UE053	Shrivenham
38UE054	South Hinksey
38UE055	Sparsholt
38UE056	Stanford in the Vale
38UE057	Steventon
38UE058	Sunningwell
38UE059	Sutton Courtenay
38UE060	Uffington
38UE061	Upton
38UE062	Wantage

38UE063	Watchfield
38UE064	West Challow
38UE065	West Hanney
38UE066	West Hendred
38UE067	Woolstone
38UE068	Wootton
38UE069	Wytham
38UF001	Alvescot
38UF002	Ascott-under-Wychwood
38UF003	Asthal
38UF004	Aston, Cote, Shifford and Chimney
38UF005	Bampton
38UF006	Black Bourton
38UF007	Bladon
38UF008	Blenheim
38UF009	Brize Norton
38UF010	Broadwell
38UF011	Bruern
38UF012	Burford
38UF013	Carterton
38UF014	Cassington
38UF015	Chadlington
38UF016	Charlbury
38UF017	Chastleton
38UF018	Chilson
38UF019	Chipping Norton
38UF020	Churchill
38UF021	Clanfield
38UF022	Combe
38UF023	Cornbury and Wychwood
38UF024	Cornwell
38UF025	Crawley
38UF026	Curbridge
38UF027	Ducklington
38UF028	Enstone
38UF029	Eynsham
38UF030	Fawler
38UF031	Fifield
38UF032	Filkins and Broughton Poggs
38UF033	Finstock

38UF034	Freeland
38UF035	Fulbrook
38UF036	Glympton
38UF037	Grafton and Radcot
38UF038	Great Tew
38UF039	Hailey
38UF040	Hanborough
38UF041	Hardwick-with-Yelford
38UF042	Heythrop
38UF043	Holwell
38UF044	Idbury
38UF045	Kelmscott
38UF046	Kencot
38UF047	Kiddington with Asterleigh
38UF048	Kingham
38UF049	Langford
38UF050	Leafield
38UF051	Lew
38UF052	Little Faringdon
38UF053	Little Tew
38UF054	Lyneham
38UF055	Milton-under-Wychwood
38UF056	Minster Lovell
38UF057	North Leigh
38UF058	Northmoor
38UF059	Over Norton
38UF060	Ramsden
38UF061	Rollright
38UF062	Rousham
38UF063	Salford
38UF064	Sandford St. Martin
38UF065	Sarsden
38UF066	Shilton
38UF067	Shipton-under-Wychwood
38UF068	South Leigh
38UF069	Spelsbury
38UF070	Standlake
38UF071	Stanton Harcourt
38UF072	Steeple Barton
38UF073	Stonesfield

38UF074	Swerford
38UF075	Swinbrook and Widford
38UF076	Tackley
38UF077	Taynton
38UF078	Westcot Barton
38UF079	Westwell
38UF080	Witney
38UF081	Woodstock
38UF082	Wootton
38UF083	Worton
39UB001	Acton Round
39UB002	Albrighton
39UB003	Alveley
39UB004	Astley Abbots
39UB005	Aston Botterell
39UB006	Aston Eyre
39UB007	Badger
39UB008	Barrow
39UB009	Beckbury
39UB010	Billingsley
39UB011	Boningale
39UB012	Boscobel
39UB013	Bridgnorth
39UB014	Broseley
39UB015	Burwarton
39UB016	Chelmarsh
39UB017	Chetton
39UB018	Claverley
39UB019	Cleobury North
39UB020	Deuxhill
39UB021	Ditton Priors
39UB022	Donington
39UB023	Eardington
39UB024	Easthope
39UB025	Farlow
39UB026	Glazeley
39UB027	Highley
39UB028	Kemberton
39UB029	Kinlet
39UB030	Middleton Scriven

39UB031	Monkhopton
39UB032	Morville
39UB033	Much Wenlock
39UB034	Neen Savage
39UB035	Neenton
39UB036	Quatt Malvern
39UB037	Romsley
39UB038	Rudge
39UB039	Ryton
39UB040	Sheriffhales
39UB041	Shifnal
39UB042	Shipton
39UB043	Sidbury
39UB044	Stanton Long
39UB045	Stockton
39UB046	Stottesdon
39UB047	Sutton Maddock
39UB048	Tasley
39UB049	Tong
39UB050	Upton Cressett
39UB051	Worfield
39UC001	Adderley
39UC002	Baschurch
39UC003	Cheswardine
39UC004	Child's Ercall
39UC005	Clive
39UC006	Cockshutt
39UC007	Ellesmere Rural
39UC008	Ellesmere Urban
39UC009	Grinshill
39UC010	Hadnall
39UC011	Hinstock
39UC012	Hodnet
39UC013	Hordley
39UC014	Ightfield
39UC015	Loppington
39UC016	Market Drayton
39UC017	Moreton Corbet and Lee Brockhurst
39UC018	Moreton Say
39UC019	Myddle and Broughton

39UC020	Norton in Hales
39UC021	Petton
39UC022	Prees
39UC023	Shawbury
39UC024	Stanton upon Hine Heath
39UC025	Stoke upon Tern
39UC026	Sutton upon Tern
39UC027	Welshampton and Lyneal
39UC028	Wem Rural
39UC029	Wem Urban
39UC030	Weston-under-Redcastle
39UC031	Whitchurch Rural
39UC032	Whitchurch Urban
39UC033	Whixall
39UC034	Woore
39UD001	Kinnerley
39UD002	Knockin
39UD003	Llanyblodwel
39UD004	Llanymynech and Pant
39UD005	Melverley
39UD006	Oswestry
39UD007	Oswestry Rural
39UD008	Ruyton-XI-Towns
39UD009	St. Martin's
39UD010	Selattyn and Gobowen
39UD011	West Felton
39UD012	Weston Rhyn
39UD013	Whittington
39UE001	Acton Burnell
39UE002	Alberbury with Cardeston
39UE003	All Stretton
39UE004	Astley
39UE005	Atcham
39UE006	Bayston Hill
39UE007	Berrington
39UE008	Bicton
39UE009	Buildwas
39UE010	Cardington
39UE011	Church Preen
39UE012	Church Pulverbatch

39UE013	Condover
39UE014	Cound
39UE015	Cressage
39UE016	Ford
39UE017	Frodesley
39UE018	Great Hanwood
39UE019	Great Ness
39UE020	Harley
39UE021	Hughley
39UE022	Kenley
39UE023	Leebotwood
39UE024	Leighton and Eaton Constantine
39UE025	Little Ness
39UE026	Longden
39UE027	Longnor
39UE028	Minsterley
39UE029	Montford
39UE030	Pimhill
39UE031	Pitchford
39UE032	Pontesbury
39UE033	Ruckley and Langley
39UE034	Sheinton
39UE035	Smethcott
39UE036	Uffington
39UE037	Upton Magna
39UE038	Westbury
39UE039	Withington
39UE040	Wollaston
39UE041	Woolstaston
39UE042	Wroxeter and Uppington
39UF001	Abdon
39UF002	Acton Scott
39UF003	Ashford Bowdler
39UF004	Ashford Carbonel
39UF005	Bedstone
39UF006	Bettws-y-Crwyn
39UF007	Bishop's Castle
39UF008	Bitterley
39UF009	Boraston
39UF010	Bromfield



39UF011	Bucknell
39UF012	Burford
39UF013	Caynham
39UF014	Chirbury with Brompton
39UF015	Church Stretton
39UF016	Clee St. Margaret
39UF017	Cleobury Mortimer
39UF018	Clun
39UF019	Clunbury
39UF020	Clungunford
39UF021	Colebatch
39UF022	Coreley
39UF023	Craven Arms
39UF024	Culmington
39UF025	Diddlebury
39UF026	Eaton-under-Heywood
39UF027	Edgton
39UF028	Greete
39UF029	Heath
39UF030	Hope Bagot
39UF031	Hope Bowdler
39UF032	Hopesay
39UF033	Hopton Cangeford
39UF034	Hopton Castle
39UF035	Hopton Wafers
39UF036	Llanfair Waterdine
39UF037	Ludford
39UF038	Ludlow
39UF039	Lydbury North
39UF040	Lydham
39UF041	Mainstone
39UF042	Milson
39UF043	More
39UF044	Munslow
39UF045	Myndtown
39UF046	Nash
39UF047	Neen Sollars
39UF048	Newcastle on Clun
39UF049	Norbury
39UF050	Onibury

39UF051	Ratlinghope
39UF052	Richard's Castle (Shropshire)
39UF053	Rushbury
39UF054	Sibdon Carwood
39UF055	Stanton Lacy
39UF056	Stoke St. Milborough
39UF057	Stowe
39UF058	Wentnor
39UF059	Wheathill
39UF060	Whitton
39UF061	Wistanstow
39UF062	Worthen with Shelve
40UB001	Ashwick
40UB002	Baltonsborough
40UB003	Batcombe
40UB004	Beckington
40UB005	Berkley
40UB006	Binegar
40UB007	Buckland Dinham
40UB008	Butleigh
40UB009	Chewton Mendip
40UB010	Chilcompton
40UB011	Coleford
40UB012	Cranmore
40UB013	Croscombe
40UB014	Ditcheat
40UB015	Doultling
40UB016	Downhead
40UB017	East Pennard
40UB018	Great Elm
40UB019	Emborough
40UB020	Evercreech
40UB021	Frome
40UB022	Glastonbury
40UB023	Godney
40UB024	Hemington
40UB025	Holcombe
40UB026	Kilmersdon
40UB027	Lamyat
40UB028	Leigh-on-Mendip

40UB029	Litton
40UB030	Lullington
40UB031	Lydford-on-Fosse
40UB032	Meare
40UB033	Mells
40UB034	Milton Clevedon
40UB035	North Wootton
40UB036	Norton St Philip
40UB037	Nunney
40UB038	Pilton
40UB039	Priddy
40UB040	Pylle
40UB041	Rode
40UB042	Rodney Stoke
40UB043	St Cuthbert Out
40UB044	Selwood
40UB045	Sharpham
40UB046	Shepton Mallet
40UB047	Stoke St Michael
40UB048	Ston Easton
40UB049	Stratton on the Fosse
40UB050	Street
40UB051	Tellisford
40UB052	Trudoxhill
40UB053	Upton Noble
40UB054	Walton
40UB055	Wanstrow
40UB056	Wells
40UB057	West Bradley
40UB058	Westbury
40UB059	West Pennard
40UB060	Whatley
40UB061	Witham Friary
40UB062	Wookey
40UC001	Ashcott
40UC002	Axbridge
40UC003	Badgworth
40UC004	Bawdrip
40UC005	Berrow
40UC006	Brean

40UC007	Brent Knoll
40UC008	Bridgwater Without
40UC009	Broomfield
40UC010	Burnham-on-Sea and Highbridge
40UC011	Burnham Without
40UC012	Burtle
40UC013	Cannington
40UC014	Catcott
40UC015	Chapel Allerton
40UC016	Cheddar
40UC017	Chedzoy
40UC018	Chilton Polden
40UC019	Chilton Trinity
40UC020	Compton Bishop
40UC021	Cossington
40UC022	Durleigh
40UC023	East Brent
40UC024	East Huntspill
40UC025	Edington
40UC026	Enmore
40UC027	Fiddington
40UC028	Goathurst
40UC029	Greinton
40UC030	Lympsham
40UC031	Lyng
40UC032	Mark
40UC033	Middlezoy
40UC034	Moorlinch
40UC035	Nether Stowey
40UC036	North Petherton
40UC037	Othery
40UC038	Otterhampton
40UC039	Over Stowey
40UC040	Pawlett
40UC041	Puriton
40UC042	Shapwick
40UC043	Shipham
40UC044	Spaxton
40UC045	Stawell
40UC046	Stockland Bristol

40UC047	Thurloxtton
40UC048	Weare
40UC049	Wedmore
40UC050	Wembdon
40UC051	West Huntspill
40UC052	Westonzoyland
40UC053	Woolavington
40UC054	Bridgwater
40UD001	Abbas and Templecombe
40UD002	Alford
40UD003	Aller
40UD004	Ansford
40UD005	Ash
40UD006	Ashill
40UD007	Babcary
40UD008	Barrington
40UD009	Barton St. David
40UD010	Barwick
40UD011	Beercrocombe
40UD012	Bratton Seymour
40UD013	Brewham
40UD014	Broadway
40UD015	Bruton
40UD016	Brympton
40UD017	Buckland St Mary
40UD018	Castle Cary
40UD019	Chaffcombe
40UD020	Chard Town
40UD021	Charlton Horethorne
40UD022	Charlton Mackrell
40UD023	Charlton Musgrove
40UD024	Chillington
40UD025	Chilthorne Domer
40UD026	Chilton Cantelo
40UD027	Chiselborough
40UD028	Closworth
40UD029	Combe St Nicholas
40UD030	Compton Dundon
40UD031	Compton Pauncefoot
40UD032	Corton Denham

40UD033	Crewkerne
40UD034	Cricket St. Thomas
40UD035	Cucklington
40UD036	Cudworth
40UD037	Curry Mallet
40UD038	Curry Rivel
40UD039	Dinnington
40UD040	Donyatt
40UD041	Dowlish Wake
40UD042	Drayton
40UD043	East Chinnock
40UD044	East Coker
40UD045	Fivehead
40UD046	Hardington Mandeville
40UD047	Haselbury Plucknett
40UD048	Henstridge
40UD049	High Ham
40UD050	Hinton St. George
40UD051	Holton
40UD052	Horsington
40UD053	Horton
40UD054	Huish Episcopi
40UD055	Ilchester
40UD056	Ilminster
40UD057	Ilton
40UD058	Isle Abbots
40UD059	Isle Brewers
40UD060	Keinton Mandeville
40UD061	Kingsbury Episcopi
40UD062	Kingsdon
40UD063	Kingstone
40UD064	Kingweston
40UD065	Knowle St. Giles
40UD066	Langport
40UD067	Limington
40UD068	Long Load
40UD069	Long Sutton
40UD070	Lopen
40UD071	Lovington
40UD072	Maperton

40UD073	Marston Magna
40UD074	Martock
40UD075	Merriott
40UD076	Milborne Port
40UD077	Misterton
40UD078	Montacute
40UD079	Muchelney
40UD080	Mudford
40UD081	North Barrow
40UD082	North Cadbury
40UD083	North Cheriton
40UD084	North Perrott
40UD085	Norton sub Hamdon
40UD086	Odcombe
40UD087	Pen Selwood
40UD088	Pitcombe
40UD089	Pitney
40UD090	Puckington
40UD091	Queen Camel
40UD092	Rimpton
40UD093	Seavington St Mary
40UD094	Seavington St Michael
40UD095	Shepton Beauchamp
40UD096	Shepton Montague
40UD097	Somerton
40UD098	South Barrow
40UD099	South Cadbury
40UD100	South Petherton
40UD101	Sparkford
40UD102	Stocklinch
40UD103	Stoke sub Hamdon
40UD104	Stoke Trister
40UD105	Tatworth and Forton
40UD106	Tintinhull
40UD107	Wambrook
40UD108	Wayford
40UD109	West Camel
40UD110	West and Middle Chinnock
40UD111	West Coker
40UD112	West Crewkerne

40UD113	Whitelackington
40UD114	Whitestaunton
40UD115	Wincanton
40UD116	Winsham
40UD117	Yarlington
40UD118	Yeovil
40UD119	Yeovilton
40UD120	Yeovil Without
40UD121	Hambridge and Westport
40UE001	Ashbrittle
40UE002	Ash Priors
40UE003	Bathealton
40UE004	Bickenhall
40UE005	Bishop's Hull
40UE006	Bishop's Lydeard
40UE007	Bradford-on-Tone
40UE008	Burrowbridge
40UE009	Cheddon Fitzpaine
40UE010	Chipstable
40UE011	Churchstanton
40UE012	Combe Florey
40UE013	Comeytrove
40UE014	Corfe
40UE015	Cothelstone
40UE016	Creech St. Michael
40UE017	Curland
40UE018	Durston
40UE019	Fitzhead
40UE020	Halse
40UE021	Hatch Beauchamp
40UE022	Kingston St. Mary
40UE023	Langford Budville
40UE024	Lydeard St. Lawrence
40UE025	Milverton
40UE026	North Curry
40UE027	Norton Fitzwarren
40UE028	Nynehead
40UE029	Oake
40UE030	Orchard Portman
40UE031	Otterford



40UE032	Pitminster
40UE033	Ruishton
40UE034	Sampfard Arundel
40UE035	Staple Fitzpaine
40UE036	Staplegrove
40UE037	Stawley
40UE038	Stoke St. Gregory
40UE039	Stoke St. Mary
40UE040	Thornfalcon
40UE041	Tolland
40UE042	Trull
40UE043	Wellington
40UE044	Wellington Without
40UE045	West Bagborough
40UE046	West Buckland
40UE047	West Hatch
40UE048	West Monkton
40UE049	Wiveliscombe
40UF001	Bicknoller
40UF002	Brompton Ralph
40UF003	Brompton Regis
40UF004	Brushford
40UF005	Carhampton
40UF006	Clatworthy
40UF007	Crowcombe
40UF008	Cutcombe
40UF009	Dulverton
40UF010	Dunster
40UF011	East Quantoxhead
40UF012	Elworthy
40UF013	Exford
40UF014	Exmoor
40UF015	Exton
40UF016	Holford
40UF017	Huish Champflower
40UF018	Kilve
40UF019	Luccombe
40UF020	Luxborough
40UF021	Minehead
40UF022	Minehead Without

40UF023	Monksilver
40UF024	Nettlecombe
40UF025	Oare
40UF026	Old Cleeve
40UF027	Porlock
40UF028	Sampfords Brett
40UF029	Selworthy
40UF030	Skilgate
40UF031	Stogumber
40UF032	Stogursey
40UF033	Stringston
40UF034	Timberscombe
40UF035	Treborough
40UF036	Upton
40UF037	Watchet
40UF038	West Quantoxhead
40UF039	Williton
40UF040	Winsford
40UF041	Withycombe
40UF042	Withypool and Hawkridge
40UF043	Wootton Courtenay
41UB001	Brereton and Ravenhill
41UB002	Bridgtown
41UB003	Brindley Heath
41UB004	Cannock Wood
41UB005	Heath Hayes and Wimblebury
41UB006	Norton Canes
41UB007	Rugeley
41UB008	Hednesford
41UC001	Abbots Bromley
41UC002	Anslow
41UC003	Barton-under-Needwood
41UC004	Blithfield
41UC005	Branston
41UC006	Croxden
41UC007	Denstone
41UC008	Draycott in the Clay
41UC009	Dunstall
41UC010	Ellastone
41UC011	Hanbury

41UC012	Hoar Cross
41UC013	Kingstone
41UC014	Leigh
41UC015	Marchington
41UC016	Mayfield
41UC017	Newborough
41UC018	Okeover
41UC019	Outwoods
41UC020	Ramshorn
41UC021	Rocester
41UC022	Rolleston on Dove
41UC023	Stanton
41UC024	Stretton
41UC025	Tatenhill
41UC026	Tutbury
41UC027	Uttoxeter
41UC028	Uttoxeter Rural
41UC029	Wootton
41UC030	Wychnor
41UC031	Yoxall
41UC032	Anglesey
41UC033	Brizlincote
41UC034	Burton
41UC035	Horninglow and Eton
41UC036	Shobnall
41UC037	Stapenhill
41UC038	Winshill
41UD001	Alrewas and Fradley
41UD002	Armitage with Handsacre
41UD003	Burntwood
41UD004	Clifton Campville
41UD005	Colton
41UD006	Curborough and Elmhurst
41UD007	Drayton Bassett
41UD008	Edingale
41UD009	Elford
41UD010	Farewell and Chorley
41UD011	Fazeley
41UD012	Fisherwick
41UD013	Hammerwich

41UD014	Hamstall Ridware
41UD015	Harlaston
41UD016	Hints
41UD017	King's Bromley
41UD018	Lichfield
41UD019	Longdon
41UD020	Mavesyn Ridware
41UD021	Shenstone
41UD022	Streethay
41UD023	Swinfen and Packington
41UD024	Thorpe Constantine
41UD025	Wall
41UD026	Weeford
41UD027	Whittington
41UD028	Wigginton and Hopwas
41UE001	Audley Rural
41UE002	Balterley
41UE003	Betley
41UE004	Chapel and Hill Chorlton
41UE005	Keele
41UE006	Kidsgrove
41UE007	Loggerheads
41UE008	Madeley
41UE009	Maer
41UE010	Whitmore
41UE011	Silverdale
41UF001	Acton Trussell and Bednall
41UF002	Billbrook
41UF003	Blymhill and Weston-under-Lizard
41UF004	Bobbington
41UF005	Brewood and Coven
41UF006	Cheslyn Hay
41UF007	Codsall
41UF008	Coppenhall
41UF009	Dunston
41UF010	Enville
41UF011	Essington
41UF012	Featherstone
41UF013	Great Wyrley
41UF014	Hatherton

41UF015	Hilton
41UF016	Himley
41UF017	Huntington
41UF018	Kinver
41UF019	Lapley, Stretton and Wheaton Aston
41UF020	Lower Penn
41UF021	Pattingham and Patshull
41UF022	Penkridge
41UF023	Perton
41UF024	Saredon
41UF025	Shareshill
41UF026	Swindon
41UF027	Teddesley Hay
41UF028	Trysull and Seisdon
41UF029	Wombourne
41UG001	Adbaston
41UG002	Barlaston
41UG003	Berkswich
41UG004	Bradley
41UG005	Brocton
41UG006	Hyde Lea
41UG007	Chebsey
41UG008	Church Eaton
41UG009	Colwich
41UG010	Creswell
41UG011	Eccleshall
41UG012	Ellenhall
41UG013	Forton
41UG014	Fradswell
41UG015	Fulford
41UG016	Gayton
41UG017	Gnosall
41UG018	Haughton
41UG019	High Offley
41UG020	Hilderstone
41UG021	Hopton and Coton
41UG022	Ingestre
41UG023	Marston
41UG024	Milwich
41UG025	Norbury

41UG026	Ranton
41UG027	Salt and Enson
41UG028	Sandon and Burston
41UG029	Seighford
41UG030	Standon
41UG031	Stone
41UG032	Stone Rural
41UG033	Hixon
41UG034	Swynnerton
41UG035	Tixall
41UG036	Weston
41UG037	Whitgreave
41UG038	Stowe-by-Chartley
41UH001	Alstonefield
41UH002	Alton
41UH003	Bagnall
41UH004	Biddulph
41UH005	Blore with Swinscoe
41UH006	Bradnop
41UH007	Brown Edge
41UH008	Butterton
41UH009	Caverswall
41UH010	Cheadle
41UH011	Checkley
41UH012	Cheddleton
41UH013	Consall
41UH014	Cotton
41UH015	Dilhorne
41UH016	Draycott in the Moors
41UH017	Endon and Stanley
41UH018	Farley
41UH019	Fawfieldhead
41UH020	Forsbrook
41UH021	Grindon
41UH022	Heathylee
41UH023	Heaton
41UH024	Hollinsclough
41UH025	Horton
41UH026	Ilam
41UH027	Ipstones

41UH028	Kingsley
41UH029	Leek
41UH030	Leekfrith
41UH031	Longnor
41UH032	Longsdon
41UH033	Oakamoor
41UH034	Onecote
41UH035	Quarnford
41UH036	Rushton
41UH037	Sheen
41UH038	Tittesworth
41UH039	Warslow and Elkstones
41UH040	Waterhouses
41UH041	Werrington
41UH042	Wetton
42UB001	Acton
42UB002	Aldham
42UB003	Alpheton
42UB004	Arwarton
42UB005	Assington
42UB006	Belstead
42UB007	Bentley
42UB008	Bildeston
42UB009	Boxford
42UB010	Boxted
42UB011	Brantham
42UB012	Brent Eleigh
42UB013	Brettenham
42UB014	Bures St. Mary
42UB015	Burstall
42UB016	Capel St. Mary
42UB017	Chattisham
42UB018	Chelmondiston
42UB019	Chelsworth
42UB020	Chilton
42UB021	Cockfield
42UB023	East Bergholt
42UB024	Edwardstone
42UB025	Elmsett
42UB026	Freston

42UB027	Glensford
42UB028	Great Cornard
42UB029	Great Waldingfield
42UB030	Groton
42UB031	Hadleigh
42UB032	Harkstead
42UB033	Hartest
42UB034	Higham
42UB035	Hintlesham
42UB036	Hitcham
42UB037	Holbrook
42UB038	Holton St. Mary
42UB039	Kersey
42UB040	Kettlebaston
42UB041	Lavenham
42UB042	Lawshall
42UB043	Layham
42UB044	Leavenheath
42UB045	Lindsey
42UB046	Little Cornard
42UB047	Little Waldingfield
42UB048	Long Melford
42UB049	Milden
42UB050	Monks Eleigh
42UB051	Nayland-with-Wissington
42UB052	Nedging-with-Naughton
42UB053	Newton
42UB054	Polstead
42UB055	Preston St. Mary
42UB056	Raydon
42UB057	Semer
42UB058	Shelley
42UB059	Shimpling
42UB060	Shotley
42UB061	Somerton
42UB062	Sproughton
42UB063	Stanstead
42UB064	Stoke-by-Nayland
42UB065	Stratford St. Mary
42UB066	Stutton



42UB067	Sudbury
42UB068	Tattingstone
42UB069	Thorpe Morieux
42UB071	Wattisham
42UB072	Wenham Magna
42UB073	Wenham Parva
42UB074	Whatfield
42UB075	Wherstead
42UB076	Woolverstone
42UB077	Copdock and Washbrook
42UB078	Pinewood
42UC001	Barton Mills
42UC002	Brandon
42UC003	Cavenham
42UC004	Dalham
42UC005	Elveden
42UC006	Eriswell
42UC007	Freckenham
42UC008	Gazeley
42UC009	Herringswell
42UC010	Higham
42UC011	Icklingham
42UC012	Kentford
42UC013	Lakenheath
42UC014	Mildenhall
42UC015	Moulton
42UC016	Red Lodge
42UC017	Santon Downham
42UC018	Tuddenham
42UC019	Wangford
42UC020	Worlington
42UC021	Beck Row, Holywell Row and Kenny Hill
42UC022	Exning
42UC023	Newmarket
42UE001	Akenham
42UE002	Ashbocking
42UE003	Ashfield cum Thorpe
42UE004	Aspall
42UE005	Athelington
42UE006	Bacton

42UE007	Badley
42UE008	Badwell Ash
42UE009	Barham
42UE010	Barking
42UE011	Battisford
42UE012	Baylham
42UE013	Bedfield
42UE014	Bedingfield
42UE015	Beyton
42UE016	Botesdale
42UE017	Braiseworth
42UE018	Bramford
42UE019	Brome and Oakley
42UE020	Brundish
42UE021	Burgate
42UE022	Buxhall
42UE023	Claydon
42UE024	Coddenham
42UE025	Combs
42UE026	Cotton
42UE027	Creeting St. Mary
42UE028	Creeting St. Peter or West Creeting
42UE029	Crowfield
42UE030	Debenham
42UE031	Denham
42UE032	Drinkstone
42UE033	Elmswell
42UE034	Eye
42UE035	Felsham
42UE036	Finningham
42UE037	Flowton
42UE038	Framsden
42UE039	Fressingfield
42UE040	Gedding
42UE041	Gipping
42UE042	Gislingham
42UE043	Gosbeck
42UE044	Great Ashfield
42UE045	Great Blakenham
42UE046	Great Bricett

42UE047	Great Finborough
42UE048	Harleston
42UE049	Haughley
42UE050	Helmingham
42UE051	Hemingstone
42UE052	Henley
42UE053	Hessett
42UE054	Hinderclay
42UE055	Horham
42UE056	Hoxne
42UE057	Hunston
42UE058	Kenton
42UE059	Langham
42UE060	Laxfield
42UE061	Little Blakenham
42UE062	Little Finborough
42UE063	Mellis
42UE064	Mendham
42UE065	Mendlesham
42UE066	Metfield
42UE067	Mickfield
42UE068	Monk Soham
42UE069	Needham Market
42UE070	Nettlestead
42UE071	Norton
42UE072	Occold
42UE073	Offton
42UE074	Old Newton with Dagworth
42UE075	Onehouse
42UE076	Palgrave
42UE077	Pettaugh
42UE078	Rattlesden
42UE079	Redgrave
42UE080	Redlingfield
42UE081	Rickinghall Inferior
42UE082	Rickinghall Superior
42UE083	Ringshall
42UE084	Rishangles
42UE085	Shelland
42UE086	Somersham

42UE087	Southolt
42UE088	Stoke Ash
42UE089	Stonham Aspal
42UE090	Stonham Earl
42UE091	Stonham Parva
42UE092	Stowlangtoft
42UE093	Stowmarket
42UE094	Stowupland
42UE095	Stradbroke
42UE096	Stuston
42UE097	Syleham
42UE098	Tannington
42UE099	Thorndon
42UE100	Thornham Magna
42UE101	Thornham Parva
42UE102	Thrandeston
42UE103	Thurston
42UE104	Thwaite
42UE105	Tostock
42UE106	Walsham-le-Willows
42UE107	Wattisfield
42UE108	Westhorpe
42UE109	Wetherden
42UE110	Wetheringsett-cum-Brockford
42UE111	Weybread
42UE112	Whitton
42UE113	Wickham Skeith
42UE114	Wilby
42UE115	Willisham
42UE116	Wingfield
42UE117	Winston
42UE118	Woolpit
42UE119	Worlingworth
42UE120	Wortham
42UE121	Wyverstone
42UE122	Yaxley
42UF001	Ampton
42UF002	Bardwell
42UF003	Barnardiston
42UF004	Barnham

42UF005	Barningham
42UF006	Barrow
42UF007	Bradfield Combust with Stanningfield
42UF008	Bradfield St. Clare
42UF009	Bradfield St. George
42UF010	Brockley
42UF011	Cavendish
42UF012	Chedburgh
42UF013	Chevington
42UF014	Clare
42UF015	Coney Weston
42UF016	Cowlinge
42UF017	Culford
42UF018	Denham
42UF019	Denston
42UF020	Depden
42UF021	Euston
42UF022	Fakenham Magna
42UF023	Flempton
42UF024	Fornham All Saints
42UF025	Fornham St. Genevieve
42UF026	Fornham St. Martin
42UF027	Great Barton
42UF028	Great Bradley
42UF029	Great Livermere
42UF030	Great Thurlow
42UF031	Great Whelnetham
42UF032	Great Wratting
42UF033	Hargrave
42UF034	Haverhill
42UF035	Hawkedon
42UF036	Hawstead
42UF037	Hengrave
42UF038	Hepworth
42UF039	Honington
42UF040	Hopton
42UF041	Horringer
42UF042	Hundon
42UF043	Ickworth
42UF044	Ingham

42UF045	Ixworth
42UF046	Ixworth Thorpe
42UF047	Kedington
42UF048	Knettishall
42UF049	Lackford
42UF050	Lidgate
42UF051	Little Bradley
42UF052	Little Livermere
42UF053	Little Thurlow
42UF054	Little Whelnetham
42UF055	Little Wratting
42UF056	Market Weston
42UF057	Nowton
42UF058	Ousden
42UF059	Pakenham
42UF060	Poslingford
42UF061	Rede
42UF062	Risby
42UF063	Rushbrooke with Rougham
42UF064	Sapiston
42UF065	Stansfield
42UF066	Stanton
42UF067	Stoke-by-Clare
42UF068	Stradishall
42UF069	Thelnetham
42UF070	The Saxhams
42UF071	Timworth
42UF072	Troston
42UF073	Westley
42UF074	West Stow
42UF075	Whepstead
42UF076	Wickhambrook
42UF077	Withersfield
42UF078	Wixoe
42UF079	Wordwell
42UF080	Bury St Edmunds
42UG001	Aldeburgh
42UG002	Alderton
42UG003	Aldringham cum Thorpe
42UG004	Badingham

42UG005	Bawdsey
42UG006	Benhall
42UG007	Blaxhall
42UG008	Blythburgh
42UG009	Boulge
42UG010	Boyton
42UG011	Bramfield
42UG012	Brandeston
42UG013	Bredfield
42UG014	Brightwell
42UG015	Bromeswell
42UG016	Bruisyard
42UG017	Bucklesham
42UG018	Burgh
42UG019	Butley
42UG020	Campsey Ash
42UG021	Capel St. Andrew
42UG022	Charsfield
42UG023	Chediston
42UG024	Chillesford
42UG025	Clopton
42UG026	Cookley
42UG027	Cransford
42UG028	Cratfield
42UG029	Cretingham
42UG030	Culpho
42UG031	Dallinghoo
42UG032	Darsham
42UG033	Debach
42UG034	Dennington
42UG035	Dunwich
42UG036	Earl Soham
42UG037	Easton
42UG038	Eyke
42UG039	Falkenham
42UG040	Farnham
42UG041	Felixstowe
42UG042	Foxhall
42UG043	Framlingham
42UG044	Friston

42UG045	Gedgrave
42UG046	Great Bealings
42UG047	Great Glemham
42UG048	Grundisburgh
42UG049	Hacheston
42UG050	Hasketon
42UG051	Hemley
42UG052	Heveningham
42UG053	Hollesley
42UG054	Hoo
42UG055	Huntingfield
42UG056	Iken
42UG057	Kelsale cum Carlton
42UG058	Kesgrave
42UG059	Kettleburgh
42UG060	Kirton
42UG061	Knodishall
42UG062	Leiston
42UG063	Letheringham
42UG064	Levington
42UG065	Linstead Magna
42UG066	Linstead Parva
42UG067	Little Bealings
42UG068	Little Glemham
42UG069	Marlesford
42UG070	Martlesham
42UG071	Melton
42UG072	Middleton
42UG073	Monewden
42UG074	Nacton
42UG075	Newbourne
42UG076	Orford
42UG077	Otley
42UG078	Parham
42UG079	Peasenhall
42UG080	Pettistree
42UG081	Playford
42UG082	Purdis Farm
42UG083	Ramsholt
42UG084	Rendham



42UG085	Rendlesham
42UG086	Rushmere St. Andrew
42UG087	Saxmundham
42UG088	Saxtead
42UG089	Shottisham
42UG090	Sibton
42UG091	Snape
42UG092	Sternfield
42UG093	Stratford St. Andrew
42UG094	Stratton Hall
42UG095	Sudbourne
42UG096	Sutton
42UG097	Sweffling
42UG098	Swilland
42UG099	Theberton
42UG100	Thorington
42UG101	Trimley St. Martin
42UG102	Trimley St. Mary
42UG103	Tuddenham St. Martin
42UG104	Tunstall
42UG105	Ubbeston
42UG106	Ufford
42UG107	Walberswick
42UG108	Waldringfield
42UG109	Walpole
42UG110	Wantisden
42UG111	Wenhaston with Mells Hamlet
42UG112	Westerfield
42UG113	Westleton
42UG114	Wickham Market
42UG115	Witnesham
42UG116	Woodbridge
42UG117	Yoxford
42UH001	All Saints and St. Nicholas, South Elmham
42UH002	Barnby
42UH003	Barsham
42UH004	Beccles
42UH005	Benacre
42UH006	Blundeston
42UH007	Blyford

42UH008	Brampton with Stoven
42UH009	Bungay
42UH010	Carlton Colville
42UH011	Corton
42UH012	Covehithe
42UH013	Ellough
42UH014	Flixton (Lothingland Ward)
42UH015	Flixton (The Saints Ward)
42UH016	Frostenden
42UH017	Gisleham
42UH018	Halesworth
42UH019	Henstead with Hulver Street
42UH020	Holton
42UH021	Kessingland
42UH022	Lound
42UH023	Mettingham
42UH024	Mutford
42UH025	North Cove
42UH026	Oulton
42UH027	Redisham
42UH028	Reydon
42UH029	Ringsfield
42UH030	Rumburgh
42UH031	Rushmere
42UH032	St. Andrew, Ilketshall
42UH033	St. Cross, South Elmham
42UH034	St. James, South Elmham
42UH035	St. John, Ilketshall
42UH036	St. Lawrence, Ilketshall
42UH037	St. Margaret, Ilketshall
42UH038	St. Margaret, South Elmham
42UH039	St. Mary, South Elmham otherwise Homersfield
42UH040	St. Michael, South Elmham
42UH041	St. Peter, South Elmham
42UH042	Shadingfield
42UH043	Shipmeadow
42UH044	Somerleyton, Ashby and Herringfleet
42UH045	Sotherton
42UH046	Sotterley
42UH047	South Cove

42UH048	Southwold
42UH049	Spexhall
42UH050	Uggeshall
42UH051	Wangford with Henham
42UH052	Westhall
42UH053	Weston
42UH054	Willingham St. Mary
42UH055	Wissett
42UH056	Worlingham
42UH057	Wrentham
43UB001	Claygate
43UD001	Albury
43UD002	Artington
43UD003	Ash
43UD004	Compton
43UD005	East Clandon
43UD006	East Horsley
43UD007	Effingham
43UD008	Normandy
43UD009	Ockham
43UD010	Pirbright
43UD011	Puttenham
43UD012	Ripley
43UD013	St. Martha
43UD014	Seale and Sands
43UD015	Send
43UD016	Shackleford
43UD017	Shalford
43UD018	Shere
43UD019	Tongham
43UD020	Wanborough
43UD021	West Clandon
43UD022	West Horsley
43UD023	Wisley
43UD024	Worplesdon
43UE001	Abinger
43UE002	Betchworth
43UE003	Brockham
43UE004	Buckland
43UE005	Capel

43UE006	Charlwood
43UE007	Headley
43UE008	Holmwood
43UE009	Leigh
43UE010	Mickleham
43UE011	Newdigate
43UE012	Ockley
43UE013	Wotton
43UF001	Horley
43UF002	Salfords and Sidlow
43UJ001	Bisley
43UJ002	Chobham
43UJ003	West End
43UJ004	Windlesham
43UK001	Bletchingley
43UK002	Burstow
43UK003	Chelsham and Farleigh
43UK004	Crowhurst
43UK005	Felbridge
43UK006	Godstone
43UK007	Horne
43UK008	Limpsfield
43UK010	Nutfield
43UK011	Oxted
43UK012	Tandridge
43UK013	Tatsfield
43UK014	Titsey
43UK015	Caterham-on-the-Hill
43UK016	Caterham Valley
43UK017	Chaldon
43UK018	Dormansland
43UK019	Lingfield
43UK020	Outwood
43UK021	Warlingham
43UK022	Whyteleafe
43UK023	Woldingham
43UL001	Alfold
43UL002	Bramley
43UL003	Busbridge
43UL004	Chiddingfold

43UL005	Cranleigh
43UL006	Dockenfield
43UL007	Dunsfold
43UL008	Elstead
43UL009	Ewhurst
43UL010	Farnham
43UL011	Frensham
43UL012	Godalming
43UL013	Hambledon
43UL014	Hascombe
43UL015	Haslemere
43UL016	Peper Harow
43UL017	Thursley
43UL018	Tilford
43UL019	Witley
43UL020	Wonersh
43UL021	Churt
43UM001	Byfleet
44UB001	Ansley
44UB002	Arley
44UB003	Astley
44UB004	Atherstone
44UB005	Austrey
44UB006	Baddesley Ensor
44UB007	Baxterley
44UB008	Bentley
44UB009	Caldecote
44UB010	Coleshill
44UB011	Corley
44UB012	Curdworth
44UB013	Dordon
44UB014	Fillongley
44UB015	Great Packington
44UB016	Grendon
44UB017	Hartshill
44UB018	Kingsbury
44UB019	Lea Marston
44UB020	Little Packington
44UB021	Mancetter
44UB022	Maxstoke

44UB023	Merevale
44UB024	Middleton
44UB025	Nether Whitacre
44UB026	Newton Regis
44UB027	Over Whitacre
44UB028	Polesworth
44UB029	Seckington
44UB030	Shustoke
44UB031	Shuttington
44UB032	Water Orton
44UB033	Wishaw
44UD001	Ansty
44UD002	Binley Woods
44UD003	Birdingbury
44UD004	Bourton and Draycote
44UD005	Brandon and Bretford
44UD006	Brinklow
44UD007	Burton Hastings
44UD008	Church Lawford
44UD009	Churchover
44UD010	Clifton upon Dunsmore
44UD011	Combe Fields
44UD012	Copston Magna
44UD013	Cosford
44UD014	Dunchurch
44UD015	Easenhall
44UD016	Frankton
44UD017	Grandborough
44UD018	Harborough Magna
44UD019	King's Newnham
44UD020	Leamington Hastings
44UD021	Little Lawford
44UD022	Long Lawford
44UD023	Marton
44UD024	Monks Kirby
44UD025	Newton and Biggin
44UD026	Pailton
44UD027	Princethorpe
44UD028	Ryton-on-Dunsmore
44UD029	Shilton

44UD030	Stretton Baskerville
44UD031	Stretton-on-Dunsmore
44UD032	Stretton under Fosse
44UD033	Thurlaston
44UD034	Wibtoft
44UD035	Willey
44UD036	Willoughby
44UD037	Withybrook
44UD038	Wolfhampcote
44UD039	Wolston
44UD040	Wolvey
44UE001	Admington
44UE002	Alcester
44UE003	Alderminster
44UE005	Aston Cantlow
44UE006	Atherstone on Stour
44UE007	Avon Dassett
44UE008	Barcheston
44UE009	Barton-on-the-Heath
44UE010	Bearley
44UE011	Beaudesert
44UE012	Bidford-on-Avon
44UE013	Billesley
44UE014	Binton
44UE015	Bishop's Itchington
44UE016	Brailes
44UE017	Burmington
44UE018	Burton Dassett
44UE019	Butlers Marston
44UE020	Chadshunt
44UE021	Chapel Ascote
44UE022	Charlecote
44UE023	Cherington
44UE024	Chesterton and Kingston
44UE025	Claverdon
44UE027	Combrook
44UE028	Compton Verney
44UE029	Compton Wynyates
44UE030	Coughton
44UE031	Dorsington

44UE032	Ettington
44UE033	Exhall
44UE034	Farnborough
44UE035	Fenny Compton
44UE036	Fulbrook
44UE037	Gaydon
44UE038	Great Alne
44UE039	Great Wolford
44UE040	Halford
44UE041	Hampton Lucy
44UE042	Harbury
44UE043	Haselor
44UE044	Henley-in-Arden
44UE045	Hodnell and Wills Pastures
44UE046	Honington
44UE047	Idlicote
44UE048	Ilmington
44UE049	Kineton
44UE050	Kinwarton
44UE051	Ladbroke
44UE052	Langley
44UE053	Lighthorne
44UE054	Little Compton
44UE055	Little Wolford
44UE056	Long Compton
44UE057	Long Itchington
44UE058	Long Marston
44UE059	Loxley
44UE060	Luddington
44UE062	Moreton Morrell
44UE063	Morton Bagot
44UE064	Napton on the Hill
44UE065	Newbold Pacey
44UE066	Oldberrow
44UE067	Old Stratford and Drayton
44UE068	Oxhill
44UE069	Pillerton Hersey
44UE070	Pillerton Priors
44UE071	Preston Bagot
44UE072	Preston on Stour



44UE073	Priors Hardwick
44UE074	Priors Marston
44UE075	Quinton
44UE076	Radbourn
44UE077	Radway
44UE078	Ratley and Upton
44UE079	Salford Priors
44UE080	Sambourne
44UE081	Shipston on Stour
44UE082	Shotteswell
44UE083	Snitterfield
44UE084	Southam
44UE085	Spernall
44UE086	Stockton
44UE087	Stoneton
44UE088	Stourton
44UE089	Stratford-upon-Avon
44UE090	Stretton-on-Fosse
44UE091	Studley
44UE092	Sutton-under-Brailes
44UE093	Tanworth-in-Arden
44UE094	Temple Grafton
44UE095	Tidmington
44UE096	Tredington
44UE097	Tysoe
44UE098	Ufton
44UE099	Ullenhall
44UE100	Upper and Lower Shuckburgh
44UE101	Warmington
44UE102	Watergall
44UE104	Welford-on-Avon
44UE105	Wellesbourne
44UE106	Weston-on-Avon
44UE107	Whatcote
44UE108	Whichford
44UE109	Whitchurch
44UE110	Wixford
44UE111	Wolverton
44UE112	Wootton Wawen
44UE113	Wormleighton

44UE114	Arrow with Weethley
44UE115	Clifford Chambers and Milcote
44UE116	Lighthorne Heath
44UE117	Mappleborough Green
44UE118	Wilmcote
44UF001	Ashow
44UF002	Baddesley Clinton
44UF003	Baginton
44UF004	Barford
44UF005	Beausale
44UF006	Bishop's Tachbrook
44UF007	Blackdown
44UF008	Bubbenhall
44UF009	Budbrooke
44UF010	Bushwood
44UF011	Cubbington
44UF012	Eathorpe
44UF013	Haseley
44UF014	Hatton
44UF015	Honiley
44UF016	Hunningham
44UF017	Kenilworth
44UF018	Lapworth
44UF019	Leek Wootton and Guy's Cliffe
44UF020	Norton Lindsey
44UF021	Offchurch
44UF022	Old Milverton
44UF023	Radford Semele
44UF024	Rowington
44UF025	Sherbourne
44UF026	Shrewley
44UF027	Stoneleigh
44UF028	Wappenbury
44UF029	Warwick
44UF030	Wasperton
44UF031	Weston under Wetherley
44UF032	Whitnash
44UF033	Wroxall
44UF034	Royal Leamington Spa
45UB001	Coombes

45UB002	Lancing
45UB003	Sompting
45UC001	Aldingbourne
45UC002	Aldwick
45UC003	Angmering
45UC004	Arundel
45UC005	Barnham
45UC006	Bersted
45UC007	Bognor Regis
45UC008	Burpham
45UC009	Clapham
45UC010	Climping
45UC011	Eastergate
45UC012	East Preston
45UC013	Felpham
45UC014	Ferring
45UC015	Findon
45UC016	Ford
45UC017	Houghton
45UC018	Kingston
45UC019	Littlehampton
45UC020	Lymminster and Crossbush
45UC021	Madehurst
45UC022	Middleton-on-Sea
45UC023	Pagham
45UC024	Patching
45UC025	Poling
45UC026	Rustington
45UC027	Slindon
45UC028	South Stoke
45UC029	Walberton
45UC030	Warningcamp
45UC031	Yapton
45UD001	Appledram
45UD002	Barlavington
45UD003	Bepton
45UD004	Bignor
45UD005	Birdham
45UD006	Bosham
45UD007	Boxgrove

45UD008	Bury
45UD009	Chichester
45UD010	Chidham
45UD011	Cocking
45UD012	Compton
45UD013	Donnington
45UD014	Duncton
45UD015	Earnley
45UD016	Eartham
45UD017	Easebourne
45UD018	East Dean
45UD019	East Lavington
45UD020	East Wittering
45UD021	Ebernoe
45UD023	Fernhurst
45UD024	Fishbourne
45UD025	Fittleworth
45UD026	Funtington
45UD027	Graffham
45UD028	Harting
45UD029	Heyshott
45UD030	Hunston
45UD031	Kirdford
45UD032	Lavant
45UD033	Linch
45UD034	Linchmere
45UD035	Lodsworth
45UD036	Loxwood
45UD037	Lurgashall
45UD038	Marden
45UD039	Midhurst
45UD040	Milland
45UD041	Northchapel
45UD042	North Mundham
45UD043	Oving
45UD044	Petworth
45UD045	Plaistow
45UD046	Rogate
45UD047	Selsey
45UD048	Sidlesham

45UD049	Singleton
45UD050	Southbourne
45UD051	Stedham with Iping
45UD052	Stopham
45UD053	Stoughton
45UD054	Sutton
45UD055	Tangmere
45UD056	Tillington
45UD058	Trotton with Chithurst
45UD059	Upwaltham
45UD060	Westbourne
45UD061	West Dean
45UD062	Westhampnett
45UD063	West Itchenor
45UD064	West Lavington
45UD065	West Thorney
45UD066	West Wittering
45UD067	Wisborough Green
45UD068	Woolbeding
45UD069	Elsted and Treyford
45UF001	Amberley
45UF002	Ashington
45UF003	Ashurst
45UF004	Billingshurst
45UF005	Bramber
45UF006	Broadbridge Heath
45UF007	Coldwaltham
45UF008	Colgate
45UF009	Cowfold
45UF010	Henfield
45UF011	Itchingfield
45UF012	Lower Beeding
45UF013	North Horsham
45UF014	Nuthurst
45UF015	Parham
45UF016	Pulborough
45UF017	Rudgwick
45UF018	Rusper
45UF019	Shermanbury
45UF020	Shipley

45UF021	Slinfold
45UF022	Southwater
45UF023	Steyning
45UF026	Thakeham
45UF027	Upper Beeding
45UF028	Warnham
45UF029	Washington
45UF030	West Chiltington
45UF031	West Grinstead
45UF032	Wiston
45UF033	Woodmancote
45UF034	Storrington and Sullington
45UG001	Albourne
45UG002	Ardingly
45UG003	Balcombe
45UG004	Bolney
45UG005	Burgess Hill
45UG007	Cuckfield
45UG008	Cuckfield Rural
45UG009	East Grinstead
45UG010	Fulking
45UG011	Haywards Heath
45UG012	Horsted Keynes
45UG013	Hurstpierpoint and Sayers Common
45UG015	Lindfield
45UG016	Lindfield Rural
45UG017	Newtimber
45UG018	Poynings
45UG019	Pyecombe
45UG020	Slaugham
45UG021	Turners Hill
45UG022	Twineham
45UG023	West Hoathly
45UG024	Worth
45UG025	Ashurst Wood
45UG026	Hassocks
46UB001	Aldbourne
46UB002	Allcannings
46UB003	Alton
46UB004	Avebury

46UB005	Baydon
46UB006	Beechingstoke
46UB007	Berwick Bassett
46UB008	Bishops Cannings
46UB009	Broad Hinton
46UB010	Bromham
46UB011	Burbage
46UB012	Buttermere
46UB013	Charlton
46UB014	Cheverell Magna
46UB015	Cheverell Parva
46UB016	Chilton Foliat
46UB017	Chirton
46UB018	Chute
46UB019	Chute Forest
46UB020	Collingbourne Ducis
46UB021	Collingbourne Kingston
46UB022	Devizes
46UB023	Easterton
46UB024	East Kennett
46UB025	Easton
46UB026	Enford
46UB027	Erlestoke
46UB028	Etchilhampton
46UB029	Everleigh
46UB030	Fittleton
46UB031	Froxfield
46UB032	Fyfield
46UB033	Grafton
46UB034	Great Bedwyn
46UB035	Ham
46UB036	Huish
46UB037	Little Bedwyn
46UB038	Ludgershall
46UB039	Manningford
46UB040	Marden
46UB041	Market Lavington
46UB042	Marlborough
46UB043	Marston
46UB044	Mildenhall

46UB045	Milton Lilbourne
46UB046	Netheravon
46UB047	North Newton
46UB049	Ogbourne St. Andrew
46UB050	Ogbourne St. George
46UB051	Patney
46UB052	Pewsey
46UB053	Potterne
46UB054	Poulshot
46UB055	Preshute
46UB056	Ramsbury
46UB057	Roundway
46UB058	Rowde
46UB059	Rushall
46UB060	Savernake
46UB061	Seend
46UB062	Shalbourne
46UB063	Stanton St. Bernard
46UB064	Stert
46UB065	Tidcombe and Fosbury
46UB066	Upavon
46UB067	Urchfont
46UB068	West Lavington
46UB069	West Overton
46UB070	Wilcot
46UB071	Wilsford
46UB072	Winterbourne Bassett
46UB073	Winterbourne Monkton
46UB074	Woodborough
46UB075	Wootton Rivers
46UB076	Worton
46UB078	Tidworth
46UC001	Ashton Keynes
46UC002	Biddestone
46UC003	Box
46UC004	Braydon
46UC005	Bremhill
46UC006	Brinkworth
46UC007	Broad Town
46UC008	Brokenborough



46UC009	Calne
46UC010	Calne Without
46UC011	Castle Combe
46UC012	Charlton
46UC013	Cherhill
46UC014	Chippenham
46UC015	Chippenham Without
46UC016	Christian Malford
46UC017	Clyffe Pypard
46UC018	Colerne
46UC019	Compton Bassett
46UC020	Corsham
46UC021	Cricklade
46UC022	Crudwell
46UC023	Dauntsey
46UC024	Easton Grey
46UC025	Great Somerford
46UC026	Grittleton
46UC027	Hankerton
46UC028	Heddington
46UC029	Hilmarton
46UC030	Hullavington
46UC031	Kington Langley
46UC032	Kington St. Michael
46UC033	Lacock
46UC034	Langley Burrell Without
46UC035	Latton
46UC036	Lea and Cleverton
46UC037	Leigh
46UC038	Little Somerford
46UC039	Luckington
46UC040	Lydiard Millicent
46UC041	Lydiard Tregoze
46UC042	Lyneham and Bradenstoke
46UC043	Malmesbury
46UC044	Marston Maisey
46UC045	Minety
46UC046	Nettleton
46UC047	North Wraxall
46UC048	Norton

46UC049	Oaksey
46UC050	Purton
46UC051	St. Paul Malmesbury Without
46UC052	Seagry
46UC053	Sherston
46UC054	Sopworth
46UC055	Stanton St. Quintin
46UC056	Sutton Benger
46UC057	Tockenham
46UC058	Wootton Bassett
46UC059	Yatton Keynell
46UD001	Alderbury
46UD002	Allington
46UD003	Alvediston
46UD004	Amesbury
46UD005	Ansty
46UD006	Barford St. Martin
46UD007	Berwick St. James
46UD008	Berwick St. John
46UD009	Berwick St. Leonard
46UD010	Bishopstone
46UD011	Bower Chalke
46UD012	Britford
46UD013	Broad Chalke
46UD014	Bulford
46UD015	Burcombe Without
46UD016	Chicklade
46UD017	Chilmark
46UD018	Cholderton
46UD019	Clarendon Park
46UD020	Compton Chamberlayne
46UD021	Coombe Bissett
46UD022	Dinton
46UD023	Donhead St. Andrew
46UD024	Donhead St. Mary
46UD025	Downton
46UD026	Durnford
46UD027	Durrington
46UD028	East Knoyle
46UD029	Ebbesborne Wake

46UD030	Figcheldean
46UD031	Firsdown
46UD032	Fonthill Bishop
46UD033	Fonthill Gifford
46UD034	Fovant
46UD035	Great Wishford
46UD036	Grimstead
46UD037	Hindon
46UD038	Idmiston
46UD039	Kilmington
46UD040	Landford
46UD041	Laverstock
46UD042	Maiden Bradley with Yarnfield
46UD043	Mere
46UD044	Milston
46UD045	Netherhampton
46UD046	Newton Tony
46UD047	Odstock
46UD048	Orcheston
46UD049	Pitton and Farley
46UD050	Quidhampton
46UD051	Redlynch
46UD052	Sedgehill and Semley
46UD053	Shrewton
46UD054	South Newton
46UD055	Stapleford
46UD056	Steeple Langford
46UD057	Stourton with Gasper
46UD058	Stratford Toney
46UD059	Sutton Mandeville
46UD060	Swallowcliffe
46UD061	Teffont
46UD062	Tilshead
46UD063	Tisbury
46UD064	Tollard Royal
46UD065	West Dean
46UD066	West Knoyle
46UD067	West Tisbury
46UD068	Whiteparish
46UD069	Wilsford cum Lake

46UD070	Wilton
46UD071	Winterbourne
46UD072	Winterbourne Stoke
46UD073	Winterslow
46UD074	Woodford
46UD075	Wylde
46UD076	Zeals
46UF001	Atworth
46UF002	Bishopstrow
46UF003	Boyton
46UF004	Bradford-on-Avon
46UF005	Bratton
46UF006	Brixton Deverill
46UF007	Broughton Gifford
46UF008	Bulkington
46UF009	Chapmanslade
46UF010	Chitterne
46UF011	Codford
46UF012	Corsley
46UF013	Coulston
46UF014	Dilton Marsh
46UF015	Edington
46UF016	Great Hinton
46UF017	Heytesbury
46UF018	Heywood
46UF019	Hilperton
46UF020	Holt
46UF021	Horningsham
46UF022	Keevil
46UF023	Kingston Deverill
46UF024	Knook
46UF025	Limpley Stoke
46UF026	Longbridge Deverill
46UF027	Melksham
46UF028	Melksham Without
46UF029	Monkton Farleigh
46UF030	North Bradley
46UF031	Norton Bavant
46UF032	Semington
46UF033	Sherrington

46UF034	Southwick
46UF035	South Wraxall
46UF036	Staverton
46UF037	Steeple Ashton
46UF038	Stockton
46UF039	Sutton Veny
46UF040	Trowbridge
46UF041	Upton Lovell
46UF042	Upton Scudamore
46UF043	Warminster
46UF044	West Ashton
46UF045	Westbury
46UF046	Westwood
46UF047	Wingfield
46UF048	Winsley
46UF049	Lands common to the parishes of Broughton Gifford and Melksham Without
47UB001	Alvechurch
47UB002	Belbroughton
47UB003	Bentley Paucefoot
47UB004	Beoley
47UB005	Clent
47UB006	Cofton Hackett
47UB007	Dodford with Grafton
47UB008	Frankley
47UB009	Hagley
47UB010	Hunnington
47UB011	Romsley
47UB012	Stoke Prior
47UB013	Tutnall and Cobley
47UB014	Wythall
47UB015	Barnt Green
47UB016	Bournheath
47UB017	Catshill and North Marlbrook
47UB018	Finstall
47UB019	Lickey and Blackwell
47UB020	Lickey End
47UC001	Abberley
47UC002	Alfrick
47UC003	Astley and Dunley
47UC004	Bayton

47UC005	<b>Berrow</b>
47UC006	<b>Birtsmorton</b>
47UC007	<b>Bockleton</b>
47UC008	<b>Bransford</b>
47UC009	<b>Broadheath</b>
47UC010	<b>Broadwas</b>
47UC011	<b>Bushley</b>
47UC012	<b>Castlemorton</b>
47UC013	<b>Clifton upon Teme</b>
47UC014	<b>Cotheridge</b>
47UC015	<b>Croome D'Abitot</b>
47UC016	<b>Doddenham</b>
47UC017	<b>Earl's Croome</b>
47UC018	<b>Eastham</b>
47UC019	<b>Eldersfield</b>
47UC020	<b>Great Witley</b>
47UC021	<b>Grimley</b>
47UC022	<b>Guarlford</b>
47UC023	<b>Hallow</b>
47UC024	<b>Hanley</b>
47UC025	<b>Hanley Castle</b>
47UC026	<b>Hill Croome</b>
47UC027	<b>Hillhampton</b>
47UC028	<b>Holdfast</b>
47UC029	<b>Holt</b>
47UC030	<b>Kempsey</b>
47UC031	<b>Kenswick</b>
47UC032	<b>Knighton on Teme</b>
47UC033	<b>Knightwick</b>
47UC034	<b>Kyre</b>
47UC035	<b>Leigh</b>
47UC036	<b>Lindridge</b>
47UC037	<b>Little Malvern</b>
47UC038	<b>Little Witley</b>
47UC039	<b>Longdon</b>
47UC040	<b>Lower Sapey</b>
47UC041	<b>Lulsley</b>
47UC042	<b>Madresfield</b>
47UC043	<b>Malvern</b>
47UC044	<b>Malvern Wells</b>

47UC045	Mamble
47UC046	Martley
47UC047	Newland
47UC048	Pendock
47UC049	Pensax
47UC050	Powick
47UC051	Queenhill
47UC052	Ripple
47UC053	Rochford
47UC054	Rushwick
47UC055	Severn Stoke
47UC056	Shelsley Beauchamp
47UC057	Shelsley Kings
47UC058	Shelsley Walsh
47UC059	Shrawley
47UC060	Stanford with Orleton
47UC061	Stockton on Teme
47UC062	Stoke Bliss
47UC063	Suckley
47UC064	Tenbury
47UC065	Upton-upon-Severn
47UC066	Welland
47UC067	West Malvern
47UC068	Wichenford
47UD001	Feckenham
47UE001	St. Peter the Great County
47UE002	Warndon
47UF001	Abberton
47UF002	Abbots Morton
47UF003	Aldington
47UF004	Ashton under Hill
47UF005	Aston Somerville
47UF006	Badsey
47UF007	Beckford
47UF008	Besford
47UF009	Bickmarsh
47UF010	Birlingham
47UF011	Bishampton
47UF012	Bredicot
47UF013	Bredon

47UF014	Bredon's Norton
47UF015	Bretforton
47UF016	Bricklehampton
47UF017	Broadway
47UF018	Broughton Hackett
47UF019	Charlton
47UF020	Childswickham
47UF021	Churchill
47UF022	Church Lench
47UF023	Cleeve Prior
47UF024	Conderton
47UF025	Cookhill
47UF026	Crothorne
47UF027	Crowle
47UF028	Defford
47UF029	Dodderhill
47UF030	Dormston
47UF031	Doverdale
47UF032	Drakes Broughton and Wadborough
47UF033	Droitwich Spa
47UF034	Eckington
47UF035	Elmbridge
47UF036	Elmley Castle
47UF037	Elmley Lovett
47UF038	Evesham
47UF039	Fladbury
47UF040	Flyford Flavell
47UF041	Grafton Flyford
47UF042	Great Comberton
47UF043	Hadzor
47UF044	Hampton Lovett
47UF045	Hanbury
47UF046	Hartlebury
47UF047	Harvington
47UF048	Hill and Moor
47UF049	Himbleton
47UF050	Hindlip
47UF051	Hinton on the Green
47UF052	Honeybourne
47UF053	Huddington



47UF054	Inkberrow
47UF055	Kemerton
47UF056	Kington
47UF057	Little Comberton
47UF058	Martin Hussingtree
47UF059	Naunton Beauchamp
47UF060	Netherton
47UF061	North and Middle Littleton
47UF062	North Claines
47UF063	North Piddle
47UF064	Norton and Lenchwick
47UF065	Norton Juxta Kempsey
47UF066	Oddingley
47UF067	Offenham
47UF068	Ombersley
47UF069	Overbury
47UF070	Pebworth
47UF071	Peopleton
47UF072	Pershore
47UF073	Pinvin
47UF074	Pirton
47UF075	Rous Lench
47UF076	Salwarpe
47UF077	Sedgeberrow
47UF078	South Littleton
47UF079	Spetchley
47UF080	Stock and Bradley
47UF081	Stoulton
47UF082	Strensham
47UF083	Throckmorton
47UF084	Tibberton
47UF085	Upton Snodsbury
47UF086	Upton Warren
47UF087	Westwood
47UF088	White Ladies Aston
47UF089	Whittington
47UF090	Wick
47UF091	Wickhamford
47UF092	Wyre Piddle
47UG001	Bewdley

47UG002	Broome
47UG003	Chaddesley Corbett
47UG004	Churchill and Blakedown
47UG005	Kidderminster Foreign
47UG006	Ribbesford
47UG007	Rock
47UG008	Rushock
47UG009	Stone
47UG010	Stourport-on-Severn
47UG011	Upper Arley
47UG012	Wolverley and Cookley

### Parliamentary Constituency Code

001	Aldershot
002	Aldridge-Brownhills
003	Altrincham and Sale West
004	Amber Valley
005	Arundel and South Downs
006	Ashfield
007	Ashford
008	Ashton under Lyne
009	Aylesbury
010	Banbury
011	Barking
012	Barnsley Central
013	Barnsley East and Mexborough
014	Barnsley West and Penistone
015	Barrow and Furness
016	Basildon
017	Basingstoke
018	Bassetlaw
019	Bath
020	Batley and Spen
021	Battersea
022	Beaconsfield
023	Beckenham
024	Bedford
025	Berwick-upon-Tweed
026	Bethnal Green and Bow

027	Beverley and Holderness
028	Bexhill and Battle
029	Bexleyheath and Crayford
030	Billericay
031	Birkenhead
032	Birmingham, Edgbaston
033	Birmingham, Erdington
034	Birmingham, Hall Green
035	Birmingham, Hodge Hill
036	Birmingham, Ladywood
037	Birmingham, Northfield
038	Birmingham, Perry Barr
039	Birmingham, Selly Oak
040	Birmingham, Sparkbrook and Small Heath
041	Birmingham, Yardley
042	Bishop Auckland
043	Blaby
044	Blackburn
045	Blackpool North and Fleetwood
046	Blackpool South
047	Blaydon
048	Blyth Valley
049	Bognor Regis and Littlehampton
050	Bolsover
051	Bolton North East
052	Bolton South East
053	Bolton West
054	Bootle
055	Boston and Skegness
056	Bosworth
057	Bournemouth East
058	Bournemouth West
059	Bracknell
060	Bradford North
061	Bradford South
062	Bradford West
063	Braintree
064	Brent East
065	Brent North
066	Brent South

067	Brentford and Isleworth
068	Brentwood and Ongar
069	Bridgwater
070	Brigg and Goole
071	Brighton, Kemptown
072	Brighton, Pavilion
073	Bristol East
074	Bristol North West
075	Bristol South
076	Bristol West
077	Bromley and Chislehurst
078	Bromsgrove
079	Broxbourne
080	Broxtowe
081	Buckingham
082	Burnley
083	Burton
084	Bury North
085	Bury South
086	Bury St. Edmunds
087	Calder Valley
088	Camberwell and Peckham
089	Cambridge
090	Cannock Chase
091	Canterbury
092	Carlisle
093	Carshalton and Wallington
094	Castle Point
095	Central Suffolk and North Ipswich
096	Charnwood
097	Chatham and Aylesford
098	Cheadle
099	Cheltenham
100	Chesham and Amersham
101	Chesterfield
102	Chichester
103	Chingford and Woodford Green
104	Chipping Barnet
105	Chorley
106	Christchurch

107	Cities of London and Westminster
108	City of Chester
109	City of Durham
110	City of York
111	Cleethorpes
112	Colchester
113	Colne Valley
114	Congleton
115	Copeland
116	Corby
117	Cotswold
118	Coventry North East
119	Coventry North West
120	Coventry South
121	Crawley
122	Crewe and Nantwich
123	Crosby
124	Croydon Central
125	Croydon North
126	Croydon South
127	Dagenham
128	Darlington
129	Dartford
130	Daventry
131	Denton and Reddish
132	Derby North
133	Derby South
134	Devizes
135	Dewsbury
136	Doncaster Central
137	Doncaster North
138	Don Valley
139	Dover
140	Dudley North
141	Dudley South
142	Dulwich and West Norwood
143	Ealing, Acton and Shepherd's Bush
144	Ealing North
145	Ealing, Southall
146	Easington

147	East Devon
148	East Ham
149	East Hampshire
150	East Surrey
151	East Worthing and Shoreham
152	East Yorkshire
153	Eastbourne
154	Eastleigh
155	Eccles
156	Eddisbury
157	Edmonton
158	Ellesmere Port and Neston
159	Elmet
160	Eltham
161	Enfield North
162	Enfield, Southgate
163	Epping Forest
164	Epsom and Ewell
165	Erewash
166	Erith and Thamesmead
167	Esher and Walton
168	Exeter
169	Falmouth and Camborne
170	Fareham
171	Faversham and Mid Kent
172	Feltham and Heston
173	Finchley and Golders Green
174	Folkestone and Hythe
175	Forest of Dean
176	Fylde
177	Gainsborough
178	Gateshead East and Washington West
179	Gedling
180	Gillingham
181	Gloucester
182	Gosport
183	Grantham and Stamford
184	Gravesham
185	Great Grimsby
186	Great Yarmouth

187	Greenwich and Woolwich
188	Guildford
189	Hackney North and Stoke Newington
190	Hackney South and Shoreditch
191	Halesowen and Rowley Regis
192	Halifax
193	Haltemprice and Howden
194	Halton
195	Hammersmith and Fulham
196	Hampstead and Highgate
197	Harborough
198	Harlow
199	Harrogate and Knaresborough
200	Harrow East
201	Harrow West
202	Hartlepool
203	Harwich
204	Hastings and Rye
205	Havant
206	Hayes and Harlington
207	Hazel Grove
208	Hemel Hempstead
209	Hemsworth
210	Hendon
211	Henley
212	Hereford
213	Hertford and Stortford
214	Hertsmere
215	Hexham
216	Heywood and Middleton
217	High Peak
218	Hitchin and Harpenden
219	Holborn and St. Pancras
220	Hornchurch
221	Hornsey and Wood Green
222	Horsham
223	Houghton and Washington East
224	Hove
225	Huddersfield
226	Huntingdon

227	Hyndburn
228	Ilford North
229	Ilford South
230	Ipswich
231	Isle of Wight
232	Islington North
233	Islington South and Finsbury
234	Jarrow
235	Keighley
236	Kensington and Chelsea
237	Kettering
238	Kingston and Surbiton
239	Kingston upon Hull East
240	Kingston upon Hull North
241	Kingston upon Hull West and Hessle
242	Kingswood
243	Knowsley North and Sefton East
244	Knowsley South
245	Lancaster and Wyre
246	Leeds Central
247	Leeds East
248	Leeds North East
249	Leeds North West
250	Leeds West
251	Leicester East
252	Leicester South
253	Leicester West
254	Leigh
255	Leominster
256	Lewes
257	Lewisham, Deptford
258	Lewisham East
259	Lewisham West
260	Leyton and Wanstead
261	Lichfield
262	Lincoln
263	Liverpool, Garston
264	Liverpool, Riverside
265	Liverpool, Walton
266	Liverpool, Wavertree



267	Liverpool, West Derby
268	Loughborough
269	Louth and Horncastle
270	Ludlow
271	Luton North
272	Luton South
273	Macclesfield
274	Maidenhead
275	Maidstone and The Weald
276	Makerfield
277	Maldon and East Chelmsford
278	Manchester, Blackley
279	Manchester Central
280	Manchester, Gorton
281	Manchester, Withington
282	Mansfield
283	Medway
284	Meriden
285	Mid Bedfordshire
286	Mid Dorset and North Poole
287	Mid Norfolk
288	Mid Sussex
289	Mid Worcestershire
290	Middlesbrough
291	Middlesbrough South and East Cleveland
292	Milton Keynes South West
293	Mitcham and Morden
294	Mole Valley
295	Morecambe and Lunesdale
296	Morley and Rothwell
297	New Forest East
298	New Forest West
299	Newark
300	Newbury
301	Newcastle upon Tyne Central
302	Newcastle upon Tyne East and Wallsend
303	Newcastle upon Tyne North
304	Newcastle-under-Lyme
305	Normanton
306	North Cornwall

307	North Devon
308	North Dorset
309	North Durham
310	North East Bedfordshire
311	North East Cambridgeshire
312	North East Derbyshire
313	North East Hampshire
314	North East Hertfordshire
315	North East Milton Keynes
316	North Essex
317	North Norfolk
318	North Shropshire
319	North Southwark and Bermondsey
320	North Swindon
321	North Thanet
322	North Tyneside
323	North Warwickshire
324	North West Cambridgeshire
325	North West Durham
326	North West Hampshire
327	North West Leicestershire
328	North West Norfolk
329	North Wiltshire
330	Northampton North
331	Northampton South
332	Northavon
333	Norwich North
334	Norwich South
335	Nottingham East
336	Nottingham North
337	Nottingham South
338	Nuneaton
339	Old Bexley and Sidcup
340	Oldham East and Saddleworth
341	Oldham West and Royton
342	Orpington
343	Oxford East
344	Oxford West and Abingdon
345	Pendle
346	Penrith and The Border

347	Peterborough
348	Plymouth, Devonport
349	Plymouth, Sutton
350	Pontefract and Castleford
351	Poole
352	Poplar and Canning Town
353	Portsmouth North
354	Portsmouth South
355	Preston
356	Pudsey
357	Putney
358	Rayleigh
359	Reading East
360	Reading West
361	Redcar
362	Redditch
363	Regent's Park and North Kensington
364	Reigate
365	Ribble Valley
366	Richmond (Yorks)
367	Richmond Park
368	Rochdale
369	Rochford and Southend East
370	Romford
371	Romsey
372	Rossendale and Darwen
373	Rother Valley
374	Rotherham
375	Rugby and Kenilworth
376	Ruislip-Northwood
377	Runnymede and Weybridge
378	Rushcliffe
379	Rutland and Melton
380	Ryedale
381	Saffron Walden
382	St. Albans
383	St. Helens North
384	St. Helens South
385	St. Ives
386	Salford

387	Salisbury
388	Scarborough and Whitby
389	Scunthorpe
390	Sedgefield
391	Selby
392	Sevenoaks
393	Sheffield, Attercliffe
394	Sheffield, Brightside
395	Sheffield Central
396	Sheffield, Hallam
397	Sheffield, Heeley
398	Sheffield, Hillsborough
399	Sherwood
400	Shipley
401	Shrewsbury and Atcham
402	Sittingbourne and Sheppey
403	Skipton and Ripon
404	Sleaford and North Hykeham
405	Slough
406	Solihull
407	Somerton and Frome
408	South Cambridgeshire
409	South Derbyshire
410	South Dorset
411	South East Cambridgeshire
412	South East Cornwall
413	South Holland and The Deepings
414	South Norfolk
415	South Ribble
416	South Shields
417	South Staffordshire
418	South Suffolk
419	South Swindon
420	South Thanet
421	South West Bedfordshire
422	South West Devon
423	South West Hertfordshire
424	South West Norfolk
425	South West Surrey
426	Southampton, Itchen

427	Southampton, Test
428	Southend West
429	Southport
430	Spelthorne
431	Stafford
432	Staffordshire Moorlands
433	Stalybridge and Hyde
434	Stevenage
435	Stockport
436	Stockton North
437	Stockton South
438	Stoke-on-Trent Central
439	Stoke-on-Trent North
440	Stoke-on-Trent South
441	Stone
442	Stourbridge
443	Stratford-on-Avon
444	Streatham
445	Stretford and Urmston
446	Stroud
447	Suffolk Coastal
448	Sunderland North
449	Sunderland South
450	Surrey Heath
451	Sutton and Cheam
452	Sutton Coldfield
453	Tamworth
454	Tatton
455	Taunton
456	Teignbridge
457	Telford
458	Tewkesbury
459	The Wrekin
460	Thurrock
461	Tiverton and Honiton
462	Tonbridge and Malling
463	Tooting
464	Torbay
465	Torridge and West Devon
466	Totnes

467	Tottenham
468	Truro and St. Austell
469	Tunbridge Wells
470	Twickenham
471	Tyne Bridge
472	Tynemouth
473	Upminster
474	Uxbridge
475	Vale of York
476	Vauxhall
477	Wakefield
478	Wallasey
479	Walsall North
480	Walsall South
481	Walthamstow
482	Wansbeck
483	Wansdyke
484	Wantage
485	Warley
486	Warrington North
487	Warrington South
488	Warwick and Leamington
489	Watford
490	Waveney
491	Wealden
492	Weaver Vale
493	Wellingborough
494	Wells
495	Welwyn Hatfield
496	Wentworth
497	West Bromwich East
498	West Bromwich West
499	West Chelmsford
500	West Derbyshire
501	West Dorset
502	West Ham
503	West Lancashire
504	West Suffolk
505	West Worcestershire
506	Westbury

507	Westmorland and Lonsdale
508	Weston-Super-Mare
509	Wigan
510	Wimbledon
511	Winchester
512	Windsor
513	Wirral South
514	Wirral West
515	Witney
516	Woking
517	Wokingham
518	Wolverhampton North East
519	Wolverhampton South East
520	Wolverhampton South West
521	Woodspring
522	Worcester
523	Workington
524	Worsley
525	Worthing West
526	Wycombe
527	Wyre Forest
528	Wythenshawe and Sale East
529	Yeovil
530	Aberavon
531	Alyn and Deeside
532	Blaenau Gwent
533	Brecon and Radnorshire
534	Bridgend
535	Caernarfon
536	Caerphilly
537	Cardiff Central
538	Cardiff North
539	Cardiff South and Penarth
540	Cardiff West
541	Carmarthen East and Dinefwr
542	Carmarthen West and South Pembrokeshire
543	Ceredigion
544	Clwyd South
545	Clwyd West
546	Conwy

547	Cynon Valley
548	Delyn
549	Gower
550	Islwyn
551	Llanelli
552	Meirionnydd Nant Conwy
553	Merthyr Tydfil and Rhymney
554	Monmouth
555	Montgomeryshire
556	Neath
557	Newport East
558	Newport West
559	Ogmore
560	Pontypridd
561	Preseli Pembrokeshire
562	Rhondda
563	Swansea East
564	Swansea West
565	Torfaen
566	Vale of Clwyd
567	Vale of Glamorgan
568	Wrexham
569	Ynys Mon
701	Belfast East
702	Belfast North
703	Belfast South
704	Belfast West
705	East Antrim
706	East Londonderry
707	Fermanagh & South Tyrone
708	Foyle
709	Lagan Valley
710	Mid Ulster
711	Newry & Armagh
712	North Antrim
713	North Down
714	South Antrim
715	South Down
716	Strangford
717	Upper Bann



718	West Tyrone
801	Aberdeen North
802	Aberdeen South
803	Airdrie and Shotts
804	Angus
805	Argyll and Bute
806	Ayr, Carrick and Cumnock
807	Banff and Buchan
808	Berwickshire, Roxburgh and Selkirk
809	Caithness, Sutherland and Easter Ross
810	Central Ayrshire
811	Coatbridge, Chryston and Bellshill
812	Cumbernauld, Kilsyth and Kirkintilloch East
813	Dumfries and Galloway
814	Dumfriesshire, Clydesdale and Tweeddale
815	Dundee East
816	Dundee West
817	Dunfermline and West Fife
818	East Dunbartonshire
819	East Kilbride, Strathaven and Lesmahagow
820	East Lothian
821	East Renfrewshire
822	Edinburgh East
823	Edinburgh North and Leith
824	Edinburgh South
825	Edinburgh South West
826	Edinburgh West
827	Falkirk
828	Glasgow Central
829	Glasgow East
830	Glasgow North
831	Glasgow North East
832	Glasgow North West
833	Glasgow South
834	Glasgow South West
835	Glenrothes
836	Gordon
837	Inverclyde
838	Inverness, Nairn, Badenoch and Strathspey
839	Kilmarnock and Loudoun

840	Kirkcaldy and Cowdenbeath
841	Lanark and Hamilton East
842	Linlithgow and East Falkirk
843	Livingston
844	Midlothian
845	Moray
846	Motherwell and Wishaw
847	Na h-Eileanan an Iar
848	North Ayrshire and Arran
849	North East Fife
850	Ochil and South Perthshire
851	Orkney and Shetland
852	Paisley and Renfrewshire North
853	Paisley and Renfrewshire South
854	Perth and North Perthshire
855	Ross, Skye and Lochaber
856	Rutherglen and Hamilton West
857	Stirling
858	West Aberdeenshire and Kincardine
859	West Dunbartonshire

## Parliamentary Constituency Name

Aberavon	
Aberdeen North	
Aberdeen South	
Airdrie and Shotts	
Aldershot	
Aldridge-Brownhills	
Altrincham and Sale West	
Alyn and Deeside	
Amber Valley	
Angus	
Argyll and Bute	
Arundel and South Downs	
Ashfield	
Ashford	
Ashton under Lyne	
Aylesbury	
Ayr, Carrick and Cumnock	
Banbury	
Banff and Buchan	
Barking	
Barnsley Central	
Barnsley East and Mexborough	

Barnsley West and Penistone	
Barrow and Furness	
Basildon	
Basingstoke	
Bassetlaw	
Bath	
Batley and Spen	
Battersea	
Beaconsfield	
Beckenham	
Bedford	
Belfast East	
Belfast North	
Belfast South	
Belfast West	
Berwickshire, Roxburgh and Selkirk	
Berwick-upon-Tweed	
Bethnal Green and Bow	
Beverley and Holderness	
Bexhill and Battle	
Bexleyheath and Crayford	
Billericay	
Birkenhead	
Birmingham, Edgbaston	
Birmingham, Erdington	
Birmingham, Hall Green	
Birmingham, Hodge Hill	
Birmingham, Ladywood	
Birmingham, Northfield	
Birmingham, Perry Barr	
Birmingham, Selly Oak	
Birmingham, Sparkbrook and Small Heath	
Birmingham, Yardley	
Bishop Auckland	
Blaby	
Blackburn	
Blackpool North and Fleetwood	
Blackpool South	
Blaenau Gwent	
Blaydon	
Blyth Valley	
Bognor Regis and Littlehampton	
Bolsover	
Bolton North East	
Bolton South East	
Bolton West	
Bootle	
Boston and Skegness	
Bosworth	
Bournemouth East	

Bournemouth West	
Bracknell	
Bradford North	
Bradford South	
Bradford West	
Braintree	
Brecon and Radnorshire	
Brent East	
Brent North	
Brent South	
Brentford and Isleworth	
Brentwood and Ongar	
Bridgend	
Bridgwater	
Brigg and Goole	
Brighton, Kemptown	
Brighton, Pavilion	
Bristol East	
Bristol North West	
Bristol South	
Bristol West	
Bromley and Chislehurst	
Bromsgrove	
Broxbourne	
Broxtowe	
Buckingham	
Burnley	
Burton	
Bury North	
Bury South	
Bury St. Edmunds	
Caernarfon	
Caerphilly	
Caithness, Sutherland and Easter Ross	
Calder Valley	
Camberwell and Peckham	
Cambridge	
Cannock Chase	
Canterbury	
Cardiff Central	
Cardiff North	
Cardiff South and Penarth	
Cardiff West	
Carlisle	
Carmarthen East and Dinefwr	
Carmarthen West and South Pembrokeshire	
Carshalton and Wallington	
Castle Point	
Central Ayrshire	
Central Suffolk and North Ipswich	

Ceredigion	
Charnwood	
Chatham and Aylesford	
Cheadle	
Cheltenham	
Chesham and Amersham	
Chesterfield	
Chichester	
Chingford and Woodford Green	
Chipping Barnet	
Chorley	
Christchurch	
Cities of London and Westminster	
City of Chester	
City of Durham	
City of York	
Cleethorpes	
Clwyd South	
Clwyd West	
Coatbridge, Chryston and Bellshill	
Colchester	
Colne Valley	
Congleton	
Conwy	
Copeland	
Corby	
Cotswold	
Coventry North East	
Coventry North West	
Coventry South	
Crawley	
Crewe and Nantwich	
Crosby	
Croydon Central	
Croydon North	
Croydon South	
Cumbernauld, Kilsyth and Kirkintilloch East	
Cynon Valley	
Dagenham	
Darlington	
Dartford	
Daventry	
Delyn	
Denton and Reddish	
Derby North	
Derby South	
Devizes	
Dewsbury	
Don Valley	
Doncaster Central	

Doncaster North	
Dover	
Dudley North	
Dudley South	
Dulwich and West Norwood	
Dumfries and Galloway	
Dumfriesshire, Clydesdale and Tweeddale	
Dundee East	
Dundee West	
Dunfermline and West Fife	
Ealing North	
Ealing, Southall	
Easington	
East Antrim	
East Devon	
East Dunbartonshire	
East Ham	
East Hampshire	
East Kilbride, Strathaven and Lesmahagow	
East Londonderry	
East Lothian	
East Renfrewshire	
East Surrey	
East Worthing and Shoreham	
East Yorkshire	
Eastbourne	
Eastleigh	
Eccles	
Eddisbury	
Edinburgh East	
Edinburgh North and Leith	
Edinburgh South	
Edinburgh South West	
Edinburgh West	
Edmonton	
Ellesmere Port and Neston	
Elmet	
Eltham	
Enfield North	
Enfield, Southgate	
Epping Forest	
Epsom and Ewell	
Erewash	
Erith and Thamesmead	
Esher and Walton	
Exeter	
Falkirk	
Falmouth and Camborne	
Fareham	
Faversham and Mid Kent	

Feltham and Heston	
Fermanagh & South Tyrone	
Finchley and Golders Green	
Folkestone and Hythe	
Forest of Dean	
Foyle	
Fylde	
Gainsborough	
Gateshead East and Washington West	
Gedling	
Gillingham	
Glasgow Central	
Glasgow East	
Glasgow North	
Glasgow North East	
Glasgow North West	
Glasgow South	
Glasgow South West	
Glenrothes	
Gloucester	
Gordon	
Gosport	
Gower	
Grantham and Stamford	
Gravesham	
Great Grimsby	
Great Yarmouth	
Greenwich and Woolwich	
Guildford	
Hackney North and Stoke Newington	
Hackney South and Shoreditch	
Halesowen and Rowley Regis	
Halifax	
Haltemprice and Howden	
Halton	
Hammersmith and Fulham	
Hampstead and Highgate	
Harborough	
Harlow	
Harrogate and Knaresborough	
Harrow East	
Harrow West	
Hartlepool	
Harwich	
Hastings and Rye	
Havant	
Hayes and Harlington	
Hazel Grove	
Hemel Hempstead	
Hemsworth	

Hendon	
Henley	
Hereford	
Hertford and Stortford	
Hertsmere	
Hexham	
Heywood and Middleton	
High Peak	
Hitchin and Harpenden	
Holborn and St. Pancras	
Hornchurch	
Hornsey and Wood Green	
Horsham	
Houghton and Washington East	
Hove	
Huddersfield	
Huntingdon	
Hyndburn	
Ilford North	
Ilford South	
Inverclyde	
Inverness, Nairn, Badenoch and Strathspey	
Ipswich	
Isle of Wight	
Islington North	
Islington South and Finsbury	
Islwyn	
Jarrow	
Keighley	
Kensington and Chelsea	
Kettering	
Kilmarnock and Loudoun	
Kingston and Surbiton	
Kingston upon Hull East	
Kingston upon Hull North	
Kingston upon Hull West and Hessle	
Kingswood	
Kirkcaldy and Cowdenbeath	
Knowsley North and Sefton East	
Knowsley South	
Lagan Valley	
Lanark and Hamilton East	
Lancaster and Wyre	
Leeds Central	
Leeds East	
Leeds North East	
Leeds North West	
Leeds West	
Leicester East	
Leicester South	



Leicester West	
Leigh	
Leominster	
Lewes	
Lewisham East	
Lewisham West	
Lewisham, Deptford	
Leyton and Wanstead	
Lichfield	
Lincoln	
Linlithgow and East Falkirk	
Liverpool, Garston	
Liverpool, Riverside	
Liverpool, Walton	
Liverpool, Wavertree	
Liverpool, West Derby	
Livingston	
Llanelli	
Loughborough	
Louth and Horncastle	
Ludlow	
Luton North	
Luton South	
Macclesfield	
Maidenhead	
Maidstone and The Weald	
Makerfield	
Maldon and East Chelmsford	
Manchester Central	
Manchester, Blackley	
Manchester, Gorton	
Manchester, Withington	
Mansfield	
Medway	
Meirionnydd Nant Conwy	
Meriden	
Merthyr Tydfil and Rhymney	
Mid Bedfordshire	
Mid Dorset and North Poole	
Mid Norfolk	
Mid Sussex	
Mid Ulster	
Mid Worcestershire	
Middlesbrough	
Middlesbrough South and East Cleveland	
Midlothian	
Milton Keynes South West	
Mitcham and Morden	
Mole Valley	
Monmouth	

Montgomeryshire	
Moray	
Morecambe and Lunesdale	
Morley and Rothwell	
Motherwell and Wishaw	
Na h-Eileanan an Iar	
Neath	
New Forest East	
New Forest West	
Newark	
Newbury	
Newcastle upon Tyne Central	
Newcastle upon Tyne East and Wallsend	
Newcastle upon Tyne North	
Newcastle-under-Lyme	
Newport East	
Newport West	
Newry & Armagh	
Normanton	
North Antrim	
North Ayrshire and Arran	
North Cornwall	
North Devon	
North Dorset	
North Down	
North Durham	
North East Bedfordshire	
North East Cambridgeshire	
North East Derbyshire	
North East Fife	
North East Hampshire	
North East Hertfordshire	
North East Milton Keynes	
North Essex	
North Norfolk	
North Shropshire	
North Southwark and Bermondsey	
North Swindon	
North Thanet	
North Tyneside	
North Warwickshire	
North West Cambridgeshire	
North West Durham	
North West Hampshire	
North West Leicestershire	
North West Norfolk	
North Wiltshire	
Northampton North	
Northampton South	
Northavon	

Norwich North	
Norwich South	
Nottingham East	
Nottingham North	
Nottingham South	
Nuneaton	
Ochil and South Perthshire	
Ogmore	
Old Bexley and Sidcup	
Oldham East and Saddleworth	
Oldham West and Royton	
Orkney and Shetland	
Orpington	
Oxford East	
Oxford West and Abingdon	
Paisley and Renfrewshire North	
Paisley and Renfrewshire South	
Pendle	
Penrith and The Border	
Perth and North Perthshire	
Peterborough	
Plymouth, Devonport	
Plymouth, Sutton	
Pontefract and Castleford	
Pontypridd	
Poole	
Poplar and Canning Town	
Portsmouth North	
Portsmouth South	
Preseli Pembrokeshire	
Preston	
Pudsey	
Putney	
Rayleigh	
Reading East	
Reading West	
Redcar	
Redditch	
Reigate	
Rhondda	
Ribble Valley	
Richmond (Yorks)	
Richmond Park	
Rochdale	
Rochford and Southend East	
Romford	
Romsey	
Ross, Skye and Lochaber	
Rossendale and Darwen	
Rother Valley	

Rotherham	
Rugby and Kenilworth	
Ruislip-Northwood	
Runnymede and Weybridge	
Rushcliffe	
Rutherglen and Hamilton West	
Rutland and Melton	
Ryedale	
Saffron Walden	
Salford	
Salisbury	
Scarborough and Whitby	
Scunthorpe	
Sedgefield	
Selby	
Sevenoaks	
Sheffield Central	
Sheffield, Attercliffe	
Sheffield, Brightside	
Sheffield, Hallam	
Sheffield, Heeley	
Sheffield, Hillsborough	
Sherwood	
Shipley	
Shrewsbury and Atcham	
Sittingbourne and Sheppey	
Skipton and Ripon	
Sleaford and North Hykeham	
Slough	
Solihull	
Somerton and Frome	
South Antrim	
South Cambridgeshire	
South Derbyshire	
South Dorset	
South Down	
South East Cambridgeshire	
South East Cornwall	
South Holland and The Deepings	
South Norfolk	
South Ribble	
South Shields	
South Staffordshire	
South Suffolk	
South Swindon	
South Thanet	
South West Bedfordshire	
South West Devon	
South West Hertfordshire	
South West Norfolk	

South West Surrey	
Southampton, Itchen	
Southampton, Test	
Southend West	
Southport	
Spelthorne	
St. Albans	
St. Helens North	
St. Helens South	
St. Ives	
Stafford	
Staffordshire Moorlands	
Stalybridge and Hyde	
Stevenage	
Stirling	
Stockport	
Stockton North	
Stockton South	
Stoke-on-Trent Central	
Stoke-on-Trent North	
Stoke-on-Trent South	
Stone	
Stourbridge	
Strangford	
Stratford-on-Avon	
Streatham	
Stretford and Urmston	
Stroud	
Suffolk Coastal	
Sunderland North	
Sunderland South	
Surrey Heath	
Sutton and Cheam	
Sutton Coldfield	
Swansea East	
Swansea West	
Tamworth	
Tatton	
Taunton	
Teignbridge	
Telford	
Tewkesbury	
The Wrekin	
Thurrock	
Tiverton and Honiton	
Tonbridge and Malling	
Tooting	
Torbay	
Torfaen	
Torridge and West Devon	

Totnes	
Tottenham	
Truro and St. Austell	
Tunbridge Wells	
Twickenham	
Tyne Bridge	
Tynemouth	
Upminster	
Upper Bann	
Uxbridge	
Vale of Clwyd	
Vale of Glamorgan	
Vale of York	
Vauxhall	
Wakefield	
Wallasey	
Walsall North	
Walsall South	
Walthamstow	
Wansbeck	
Wansdyke	
Wantage	
Warley	
Warrington North	
Warrington South	
Warwick and Leamington	
Watford	
Waveney	
Wealden	
Weaver Vale	
Wellingborough	
Wells	
Welwyn Hatfield	
Wentworth	
West Aberdeenshire and Kincardine	
West Bromwich East	
West Bromwich West	
West Chelmsford	
West Derbyshire	
West Dorset	
West Dunbartonshire	
West Ham	
West Lancashire	
West Suffolk	
West Tyrone	
West Worcestershire	
Westbury	
Westmorland and Lonsdale	
Weston-Super-Mare	
Wigan	

Wimbledon	
Winchester	
Windsor	
Wirral South	
Wirral West	
Witney	
Woking	
Wokingham	
Wolverhampton North East	
Wolverhampton South East	
Wolverhampton South West	
Woodspring	
Worcester	
Workington	
Worsley	
Worthing West	
Wrexham	
Wycombe	
Wyre Forest	
Wythenshawe and Sale East	
Yeovil	
Ynys Mon	

## Ward Code

00AAFA	Aldersgate
00AAFB	Aldgate
00AAFC	Bassishaw
00AAFD	Billingsgate
00AAFE	Bishopsgate
00AAFF	Bread Street
00AAFG	Bridge & Bridge Without
00AAFH	Broad Street
00AAFJ	Candlewick
00AAFK	Castle Baynard
00AAFL	Cheap
00AAFM	Coleman Street
00AAFN	Cordwainer
00AAFP	Cornhill
00AAFQ	Cripplegate
00AAFR	Dowgate
00AAFS	Farringdon Within
00AAFT	Farringdon Without
00AAFU	Langbourn
00AAFW	Lime Street

00AAFY	Queenhithe
00AAFZ	Tower
00AAGA	Vintry
00AAGB	Walbrook
00ABFX	Abbey
00ABFY	Alibon
00ABFZ	Becontree
00ABGA	Chadwell Heath
00ABGB	Eastbrook
00ABGC	Eastbury
00ABGD	Gascoigne
00ABGE	Goresbrook
00ABGF	Heath
00ABGG	Longbridge
00ABGH	Mayesbrook
00ABGJ	Parsloes
00ABGK	River
00ABGL	Thames
00ABGM	Valence
00ABGN	Village
00ABGP	Whalebone
00ACFX	Brunswick Park
00ACFY	Burnt Oak
00ACFZ	Childs Hill
00ACGA	Colindale
00ACGB	Coppetts
00ACGC	East Barnet
00ACGD	East Finchley
00ACGE	Edgware
00ACGF	Finchley Church End
00ACGG	Garden Suburb
00ACGH	Golders Green
00ACGJ	Hale
00ACGK	Hendon
00ACGL	High Barnet
00ACGM	Mill Hill
00ACGN	Oakleigh
00ACGP	Totteridge
00ACGQ	Underhill



00ACGR	West Finchley
00ACGS	West Hendon
00ACGT	Woodhouse
00ADGA	Barnehurst
00ADGB	Belvedere
00ADGC	Blackfen and Lamorbey
00ADGD	Blendon and Penhill
00ADGE	Brampton
00ADGF	Christchurch
00ADGG	Colyers
00ADGH	Crayford
00ADGJ	Cray Meadows
00ADGK	Danson Park
00ADGL	East Wickham
00ADGM	Erith
00ADGN	Falconwood and Welling
00ADGP	Lesnes Abbey
00ADGQ	Longlands
00ADGR	North End
00ADGS	Northumberland Heath
00ADGT	St Mary's
00ADGU	St Michael's
00ADGW	Sidcup
00ADGX	Thamesmead East
00AEGJ	Alperton
00AEGK	Barnhill
00AEGL	Brondesbury Park
00AEGM	Dollis Hill
00AEGN	Dudden Hill
00AEGP	Fryent
00AEGQ	Harlesden
00AEGR	Kensal Green
00AEGS	Kenton
00AEGT	Kilburn
00AEGU	Mapesbury
00AEGW	Northwick Park
00AEGX	Preston
00AEGY	Queens Park
00AEGZ	Queensbury
00AEHA	Stonebridge

00AEHB	Sudbury
00AEHC	Tokington
00AEHD	Welsh Harp
00AEHE	Wembley Central
00AEHF	Willesden Green
00AFGD	Bickley
00AFGE	Biggin Hill
00AFGF	Bromley Common and Keston
00AFGG	Bromley Town
00AFGH	Chelsfield and Pratts Bottom
00AFGJ	Chislehurst
00AFGK	Clock House
00AFGL	Copers Cope
00AFGM	Cray Valley East
00AFGN	Cray Valley West
00AFGP	Crystal Palace
00AFGQ	Darwin
00AFGR	Farnborough and Crofton
00AFGS	Hayes and Coney Hall
00AFGT	Kelsey and Eden Park
00AFGU	Mottingham and Chislehurst North
00AFGW	Orpington
00AFGX	Penge and Cator
00AFGY	Petts Wood and Knoll
00AFGZ	Plaistow and Sundridge
00AFHA	Shortlands
00AFHB	West Wickham
00AGGD	Belsize
00AGGE	Bloomsbury
00AGGF	Camden Town with Primrose Hill
00AGGG	Cantelowes
00AGGH	Fortune Green
00AGGJ	Frognaal and Fitzjohns
00AGGK	Gospel Oak
00AGGL	Hampstead Town
00AGGM	Haverstock
00AGGN	Highgate
00AGGP	Holborn and Covent Garden
00AGGQ	Kentish Town
00AGGR	Kilburn

00AGGS	King's Cross
00AGGT	Regent's Park
00AGGU	St Pancras and Somers Town
00AGGW	Swiss Cottage
00AGGX	West Hampstead
00AHGE	Addiscombe
00AHGF	Ashburton
00AHGG	Bensham Manor
00AHGH	Broad Green
00AHGJ	Coulsdon East
00AHGK	Coulsdon West
00AHGL	Croham
00AHGM	Fairfield
00AHGN	Fieldway
00AHGP	Heathfield
00AHGQ	Kenley
00AHGR	New Addington
00AHGS	Norbury
00AHGT	Purley
00AHGU	Sanderstead
00AHGW	Selhurst
00AHGX	Selsdon and Ballards
00AHGY	Shirley
00AHGZ	South Norwood
00AHHA	Thornton Heath
00AHHB	Upper Norwood
00AHHC	Waddon
00AHHD	West Thornton
00AHHE	Woodside
00AJGC	Acton Central
00AJGD	Cleveland
00AJGE	Dormers Wells
00AJGF	Ealing Broadway
00AJGG	Ealing Common
00AJGH	East Acton
00AJGJ	Elthorne
00AJGK	Greenford Broadway
00AJGL	Greenford Green
00AJGM	Hanger Hill
00AJGN	Hobbayne

00AJGP	Lady Margaret
00AJGQ	Northfield
00AJGR	North Greenford
00AJGS	Northolt Mandeville
00AJGT	Northolt West End
00AJGU	Norwood Green
00AJGW	Perivale
00AJGX	South Acton
00AJGY	Southall Broadway
00AJGZ	Southall Green
00AJHA	Southfield
00AJHB	Walpole
00AKGL	Bowes
00AKGM	Bush Hill Park
00AKGN	Chase
00AKGP	Cockfosters
00AKGQ	Edmonton Green
00AKGR	Enfield Highway
00AKGS	Enfield Lock
00AKGT	Grange
00AKGU	Haselbury
00AKGW	Highlands
00AKGX	Jubilee
00AKGY	Lower Edmonton
00AKGZ	Palmers Green
00AKHA	Ponders End
00AKHB	Southbury
00AKHC	Southgate
00AKHD	Southgate Green
00AKHE	Town
00AKHF	Turkey Street
00AKHG	Upper Edmonton
00AKHH	Winchmore Hill
00ALGP	Abbey Wood
00ALGQ	Blackheath Westcombe
00ALGR	Charlton
00ALGS	Coldharbour and New Eltham
00ALGT	Eltham North
00ALGU	Eltham South
00ALGW	Eltham West

00ALGX	Glyndon
00ALGY	Greenwich West
00ALGZ	Kidbrooke with Hornfair
00ALHA	Middle Park and Sutcliffe
00ALHB	Peninsula
00ALHC	Plumstead
00ALHD	Shooters Hill
00ALHE	Thamesmead Moorings
00ALHF	Woolwich Common
00ALHG	Woolwich Riverside
00AMGA	Brownswood
00AMGB	Cazenove
00AMGC	Chatham
00AMGD	Clissold
00AMGE	Dalston
00AMGF	De Beauvoir
00AMGG	Hackney Central
00AMGH	Hackney Downs
00AMGJ	Haggerston
00AMGK	Hoxton
00AMGL	King's Park
00AMGM	Leabridge
00AMGN	Lordship
00AMGP	New River
00AMGQ	Queensbridge
00AMGR	Springfield
00AMGS	Stoke Newington Central
00AMGT	Victoria
00AMGU	Wick
00ANGA	Addison
00ANGB	Askew
00ANGC	Avonmore and Brook Green
00ANGD	College Park and Old Oak
00ANGE	Fulham Broadway
00ANGF	Fulham Reach
00ANGG	Hammersmith Broadway
00ANGH	Munster
00ANGJ	North End
00ANGK	Palace Riverside
00ANGL	Parsons Green and Walham

00ANGM	Ravenscourt Park
00ANGN	Sands End
00ANGP	Shepherd's Bush Green
00ANGQ	Town
00ANGR	Wormholt and White City
00APGA	Alexandra
00APGB	Bounds Green
00APGC	Bruce Grove
00APGD	Crouch End
00APGE	Fortis Green
00APGF	Harringay
00APGG	Highgate
00APGH	Hornsey
00APGJ	Muswell Hill
00APGK	Noel Park
00APGL	Northumberland Park
00APGM	St Ann's
00APGN	Seven Sisters
00APGP	Stroud Green
00APGQ	Tottenham Green
00APGR	Tottenham Hale
00APGS	West Green
00APGT	White Hart Lane
00APGU	Woodside
00AQFY	Belmont
00AQFZ	Canons
00AQGA	Edgware
00AQGB	Greenhill
00AQGC	Harrow on the Hill
00AQGD	Harrow Weald
00AQGE	Hatch End
00AQGF	Headstone North
00AQGG	Headstone South
00AQGH	Kenton East
00AQGJ	Kenton West
00AQGK	Marlborough
00AQGL	Pinner
00AQGM	Pinner South
00AQGN	Queensbury
00AQGP	Rayners Lane

00AQGQ	Roxbourne
00AQGR	Roxeth
00AQGS	Stanmore Park
00AQGT	Wealdstone
00AQGU	West Harrow
00ARGC	Brooklands
00ARGD	Cranham
00ARGE	Elm Park
00ARGF	Emerson Park
00ARGG	Gooshays
00ARGH	Hacton
00ARGJ	Harold Wood
00ARGK	Havering Park
00ARGL	Heaton
00ARGM	Hylands
00ARGN	Mawneys
00ARGP	Pettits
00ARGQ	Rainham and Wennington
00ARGR	Romford Town
00ARGS	St Andrew's
00ARGT	South Hornchurch
00ARGU	Squirrel's Heath
00ARGW	Upminster
00ASGG	Barnhill
00ASGH	Botwell
00ASGJ	Brunel
00ASGK	Cavendish
00ASGL	Charville
00ASGM	Eastcote and East Ruislip
00ASGN	Harefield
00ASGP	Heathrow Villages
00ASGQ	Hillingdon East
00ASGR	Ickenham
00ASGS	Manor
00ASGT	Northwood
00ASGU	Northwood Hills
00ASGW	Pinkwell
00ASGX	South Ruislip
00ASGY	Townfield
00ASGZ	Uxbridge North

00ASHA	Uxbridge South
00ASHB	West Drayton
00ASHC	West Ruislip
00ASHD	Yeading
00ASHE	Yiewsley
00ATFY	Bedfont
00ATFZ	Brentford
00ATGA	Chiswick Homefields
00ATGB	Chiswick Riverside
00ATGC	Cranford
00ATGD	Feltham North
00ATGE	Feltham West
00ATGF	Hanworth
00ATGG	Hanworth Park
00ATGH	Heston Central
00ATGJ	Heston East
00ATGK	Heston West
00ATGL	Hounslow Central
00ATGM	Hounslow Heath
00ATGN	Hounslow South
00ATGP	Hounslow West
00ATGQ	Isleworth
00ATGR	Osterley and Spring Grove
00ATGS	Syon
00ATGT	Turnham Green
00AUFX	Barnsbury
00AUFY	Bunhill
00AUFZ	Caledonian
00AUGA	Canonbury
00AUGB	Clerkenwell
00AUGC	Finsbury Park
00AUGD	Highbury East
00AUGE	Highbury West
00AUGF	Hillrise
00AUGG	Holloway
00AUGH	Junction
00AUGJ	Mildmay
00AUGK	St George's
00AUGL	St Mary's
00AUGM	St Peter's



00AUGN	Tollington
00AWFY	Abingdon
00AWFZ	Brompton
00AWGA	Campden
00AWGB	Colville
00AWGC	Courtfield
00AWGD	Cremorne
00AWGE	Earl's Court
00AWGF	Golborne
00AWGG	Hans Town
00AWGH	Holland
00AWGJ	Norland
00AWGK	Notting Barns
00AWGL	Pembridge
00AWGM	Queen's Gate
00AWGN	Redcliffe
00AWGP	Royal Hospital
00AWGQ	St Charles
00AWGR	Stanley
00AXFX	Alexandra
00AXFY	Berrylands
00AXFZ	Beverley
00AXGA	Canbury
00AXGB	Chessington North and Hook
00AXGC	Chessington South
00AXGD	Coombe Hill
00AXGE	Coombe Vale
00AXGF	Grove
00AXGG	Norbiton
00AXGH	Old Malden
00AXGJ	St James
00AXGK	St Mark's
00AXGL	Surbiton Hill
00AXGM	Tolworth and Hook Rise
00AXGN	Tudor
00AYFZ	Bishop's
00AYGA	Brixton Hill
00AYGB	Clapham Common
00AYGC	Clapham Town
00AYGD	Coldharbour

00AYGE	Ferndale
00AYGF	Gipsy Hill
00AYGG	Herne Hill
00AYGH	Knight's Hill
00AYGJ	Larkhall
00AYGK	Oval
00AYGL	Prince's
00AYGM	St Leonard's
00AYGN	Stockwell
00AYGP	Streatham Hill
00AYGQ	Streatham South
00AYGR	Streatham Wells
00AYGS	Thornton
00AYGT	Thurlow Park
00AYGU	Tulse Hill
00AYGW	Vassall
00AZGD	Bellingham
00AZGE	Blackheath
00AZGF	Brockley
00AZGG	Catford South
00AZGH	Crofton Park
00AZGJ	Downham
00AZGK	Evelyn
00AZGL	Forest Hill
00AZGM	Grove Park
00AZGN	Ladywell
00AZGP	Lee Green
00AZGQ	Lewisham Central
00AZGR	New Cross
00AZGS	Perry Vale
00AZGT	Rushey Green
00AZGU	Sydenham
00AZGW	Telegraph Hill
00AZGX	Whitefoot
00BAFX	Abbey
00BAFY	Cannon Hill
00BAFZ	Colliers Wood
00BAGA	Cricket Green
00BAGB	Dundonald
00BAGC	Figge's Marsh

00BAGD	Graveney
00BAGE	Hillside
00BAGF	Lavender Fields
00BAGG	Longthornton
00BAGH	Lower Morden
00BAGJ	Merton Park
00BAGK	Pollards Hill
00BAGL	Ravensbury
00BAGM	Raynes Park
00BAGN	St Helier
00BAGP	Trinity
00BAGQ	Village
00BAGR	West Barnes
00BAGS	Wimbledon Park
00BBGB	Beckton
00BBGC	Boleyn
00BBGD	Canning Town North
00BBGE	Canning Town South
00BBGF	Custom House
00BBGG	East Ham Central
00BBGH	East Ham North
00BBGJ	East Ham South
00BBGK	Forest Gate North
00BBGL	Forest Gate South
00BBGM	Green Street East
00BBGN	Green Street West
00BBGP	Little Ilford
00BBGQ	Manor Park
00BBGR	Plaistow North
00BBGS	Plaistow South
00BBGT	Royal Docks
00BBGU	Stratford and New Town
00BBGW	Wall End
00BBGX	West Ham
00BCFY	Aldborough
00BCFZ	Barkingside
00BCGA	Bridge
00BCGB	Chadwell
00BCGC	Church End
00BCGD	Clayhall

00BCGE	Clementswood
00BCGF	Cranbrook
00BCGG	Fairlop
00BCGH	Fullwell
00BCGJ	Goodmayes
00BCGK	Hainault
00BCGL	Loxford
00BCGM	Mayfield
00BCGN	Monkhams
00BCGP	Newbury
00ECGQ	Roding
00ECGR	Seven Kings
00BCGS	Snaresbrook
00BCGT	Valentines
00BCGU	Wanstead
00BDFW	Barnes
00BDFX	East Sheen
00BDFY	Fulwell and Hampton Hill
00BDFZ	Ham, Petersham and Richmond Riverside
00BDGA	Hampton
00BDGB	Hampton North
00BDGC	Hampton Wick
00BDGD	Heathfield
00BDGE	Kew
00BDGF	Mortlake and Barnes Common
00BDGG	North Richmond
00BDGH	St Margarets and North Twickenham
00BDGJ	South Richmond
00BDGK	South Twickenham
00BDGL	Teddington
00BDGM	Twickenham Riverside
00BDGN	West Twickenham
00BDGP	Whitton
00BEGC	Brunswick Park
00BEGD	Camberwell Green
00BEGE	Cathedrals
00BEGF	Chaucer
00BEGG	College
00BEGH	East Dulwich
00BEGJ	East Walworth

00BEGK	Faraday
00B EGL	Grange
00BEGM	Livesey
00BEGN	Newington
00BEGP	Nunhead
00BEGQ	Peckham
00B EGR	Peckham Rye
00BEGS	Riverside
00BEGT	Rotherhithe
00BEGU	South Bermondsey
00BEGW	South Camberwell
00BEGX	Surrey Docks
00B EGY	The Lane
00BEGZ	Village
00BFGC	Beddington North
00BFGD	Beddington South
00B FGE	Belmont
00B FGF	Carshalton Central
00B FGG	Carshalton South and Clockhouse
00B FGH	Cheam
00B FGJ	Nonsuch
00B FGK	St Helier
00B FGL	Stonecot
00B FGM	Sutton Central
00B FGN	Sutton North
00B FGP	Sutton South
00B FGQ	Sutton West
00B FGR	The Wrythe
00B FGS	Wallington North
00B FGT	Wallington South
00B FGU	Wandle Valley
00B FGW	Worcester Park
00B GFW	Bethnal Green North
00B GFX	Bethnal Green South
00B GFY	Blackwall and Cubitt Town
00B GFZ	Bow East
00B GGA	Bow West
00B GGB	Bromley-by-Bow
00B GGC	East India and Lansbury
00B GGD	Limehouse

00BGGE	Mile End and Globe Town
00BGGF	Mile End East
00BGGG	Millwall
00BGGH	St Dunstan's and Stepney Green
00BGGJ	St Katharine's and Wapping
00BGGK	Shadwell
00BGGL	Spitalfields and Banglatown
00BGGM	Weavers
00BGGN	Whitechapel
00BHFY	Cann Hall
00BHFZ	Cathall
00BHFZ	Chapel End
00BHGA	Chingford Green
00BHGB	Endlebury
00BHGC	Forest
00BHGD	Grove Green
00BHGE	Hale End and Highams Park
00BHGF	Hatch Lane
00BHGG	High Street
00BHGH	Higham Hill
00BHGJ	Hoe Street
00BHGK	Larkswood
00BHGL	Lea Bridge
00BHGM	Leyton
00BHGN	Leytonstone
00BHGP	Markhouse
00BHGQ	Valley
00BHGR	William Morris
00BHGS	Wood Street
00BJFZ	Balham
00BJGA	Bedford
00BJGB	Earlsfield
00BJGC	East Putney
00BJGD	Fairfield
00BJGE	Furzedown
00BJGF	Graveney
00BJGG	Latchmere
00BJGH	Nightingale
00BJGJ	Northcote
00BJGK	Queenstown

00BJGL	Roehampton
00BJGM	St Mary's Park
00BJGN	Shaftesbury
00BJGP	Southfields
00BJGQ	Thamesfield
00BJGR	Tooting
00BJGS	Wandsworth Common
00BJGT	West Hill
00BJGU	West Putney
00BKGA	Abbey Road
00BKGB	Bayswater
00BKGC	Bryanston and Dorset Square
00BKGD	Churchill
00BKGE	Church Street
00BKGF	Harrow Road
00BKGG	Hyde Park
00BKGH	Knightsbridge and Belgravia
00BKGJ	Lancaster Gate
00BKGK	Little Venice
00BKGL	Maida Vale
00BKGM	Marylebone High Street
00BKGN	Queen's Park
00BKGP	Regent's Park
00BKGQ	St James's
00BKGR	Tachbrook
00BKGS	Vincent Square
00BKGT	Warwick
00BKGU	Westbourne
00BKGW	West End
00BLFX	Astley Bridge
00BLFY	Bradshaw
00BLFZ	Breightmet
00BLGA	Bromley Cross
00BLGB	Crompton
00BLGC	Farnworth
00BLGD	Great Lever
00BLGE	Halliwell
00BLGF	Harper Green
00BLGG	Heaton and Lostock
00BLGH	Horwich and Blackrod

00BLGJ	Horwich North East
00BLGK	Hulton
00BLGL	Kearsley
00BLGM	Little Lever and Darcy Lever
00BLGN	Rumworth
00BLGP	Smithills
00BLGQ	Tonge with the Haulgh
00BLGR	Westhoughton North and Chew Moor
00BLGS	Westhoughton South
00BMFS	Besses
00BMFT	Church
00BMFU	East
00BMFW	Elton
00BMFX	Holyrood
00BMFY	Moorside
00BMFZ	North Manor
00BMGA	Pilkington Park
00BMGB	Radcliffe East
00BMGC	Radcliffe North
00BMGD	Radcliffe West
00BMGE	Ramsbottom
00BMGF	Redvales
00BMGG	St Mary's
00BMGH	Sedgley
00BMGJ	Tottington
00BMGK	Unsworth
00BNGL	Ancoats and Clayton
00BNGM	Ardwick
00BNGN	Baguley
00BNGP	Bradford
00BNGQ	Brooklands
00BNGR	Burnage
00BNGS	Charlestown
00BNGT	Cheetham
00BNGU	Chorlton
00BNGW	Chorlton Park
00BNGX	City Centre
00BNGY	Crumpsall
00BNGZ	Didsbury East
00BNHA	Didsbury West



00BNHB	Fallowfield
00BNHC	Gorton North
00BNHD	Gorton South
00BNHE	Harpurhey
00BNHF	Higher Blackley
00BNHG	Hulme
00BNHH	Levenshulme
00BNHJ	Longsight
00BNHK	Miles Platting and Newton Heath
00BNHL	Moss Side
00BNHM	Moston
00BNHN	Northenden
00BNHP	Old Moat
00BNHQ	Rusholme
00BNHR	Sharston
00BNHS	Whalley Range
00BNHT	Withington
00BNHU	Woodhouse Park
00BPFX	Alexandra
00BPFY	Chadderton Central
00BPFZ	Chadderton North
00BPGA	Chadderton South
00BPGB	Coldhurst
00BPGC	Crompton
00BPGD	Failsworth East
00BPGE	Failsworth West
00BPGF	Hollinwood
00BPGG	Medlock Vale
00BPGH	Royton North
00BPGJ	Royton South
00BPGK	Saddleworth North
00BPGL	Saddleworth South
00BPGM	Saddleworth West and Lees
00BPGN	St James'
00BPGP	St Mary's
00BPGQ	Shaw
00BPGR	Waterhead
00BPGS	Werneth
00BQFX	Balderstone and Kirkholt
00BQFY	Bamford

00BQFZ	Castleton
00BQGA	Central Rochdale
00BQGB	East Middleton
00BQGC	Healey
00BQGD	Hopwood Hall
00BQGE	Kingsway
00BQGF	Littleborough Lakeside
00BQGG	Milkstone and Deeplish
00BQGH	Milnrow and Newhey
00BQGJ	Norden
00BQGK	North Heywood
00BQGL	North Middleton
00BQGM	Smallbridge and Firgrove
00BQGN	South Middleton
00BQGP	Spotland and Falinge
00BQGQ	Wardle and West Littleborough
00BQGR	West Heywood
00BQGS	West Middleton
00BRFX	Barton
00BRFY	Boothstown and Ellenbrook
00BRFZ	Broughton
00BRGA	Cadishead
00BRGB	Claremont
00BRGC	Eccles
00BRGD	Irlam
00BRGE	Irwell Riverside
00BRGF	Kersal
00BRGG	Langworthy
00BRGH	Little Hulton
00BRGJ	Ordsall
00BRGK	Pendlebury
00BRGL	Swinton North
00BRGM	Swinton South
00BRGN	Walkden North
00BRGP	Walkden South
00BRGQ	Weaste and Seedley
00BRGR	Winton
00BRGS	Worsley
00BSFY	Bramhall North
00BSFZ	Bramhall South

00BSGA	Bredbury and Woodley
00BSGB	Bredbury Green and Romiley
00BSGC	Brinnington and Central
00BSGD	Cheadle and Gatley
00BSGE	Cheadle Hulme North
00BSGF	Cheadle Hulme South
00BSGG	Davenport and Cale Green
00BSGH	Edgeley and Cheadle Heath
00BSGJ	Hazel Grove
00BSGK	Heald Green
00BSGL	Heatons North
00BSGM	Heatons South
00BSGN	Manor
00BSGP	Marple North
00BSGQ	Marple South
00BSGR	Offerton
00BSGS	Reddish North
00BSGT	Reddish South
00BSGU	Stepping Hill
00BTFW	Ashton Hurst
00BTFX	Ashton St Michael's
00BTFY	Ashton Waterloo
00BTFZ	Audenshaw
00BTGA	Denton North East
00BTGB	Denton South
00BTGC	Denton West
00BTGD	Droylsden East
00BTGE	Droylsden West
00BTGF	Dukinfield
00BTGG	Dukinfield Stalybridge
00BTGH	Hyde Godley
00BTGJ	Hyde Newton
00BTGK	Hyde Werneth
00BTGL	Longdendale
00BTGM	Mossley
00BTGN	St Peter's
00BTGP	Stalybridge North
00BTGQ	Stalybridge South
00BUFY	Altrincham
00BUFZ	Ashton upon Mersey

00BUGA	Bowdon
00BUGB	Broadheath
00BUGC	Brooklands
00BUGD	Bucklow-St Martins
00BUGE	Clifford
00BUGF	Davyhulme East
00BUGG	Davyhulme West
00BUGH	Flixton
00BUGJ	Gorse Hill
00BUGK	Hale Barns
00BUGL	Hale Central
00BUGM	Longford
00BUGN	Priory
00BUGP	St Mary's
00BUGQ	Sale Moor
00BUGR	Stretford
00BUGS	Timperley
00BUGT	Urmston
00BUGU	Village
00BWGB	Abram
00BWGC	Ashton
00BWGD	Aspull New Springs Whelley
00BWGE	Astley Mosley Common
00BWGF	Atherleigh
00BWGG	Atherton
00BWGH	Bryn
00BWGJ	Douglas
00BWGK	Golborne and Lowton West
00BWGL	Hindley
00BWGM	Hindley Green
00BWGN	Ince
00BWGP	Leigh East
00BWGQ	Leigh South
00BWGR	Leigh West
00BWGS	Lowton East
00BWGT	Orrell
00BWGU	Pemberton
00BWGW	Shevington with Lower Ground
00BWGX	Standish with Langtree
00BWGY	Tyldesley

00BWGZ	Wigan Central
00BWHB	Wigan West
00BWHB	Winstanley
00BWHC	Worsley Mesnes
00BXFZ	Cherryfield
00BXGA	Halewood North
00BXGB	Halewood South
00BXGC	Halewood West
00BXGD	Kirkby Central
00BXGE	Longview
00BXGF	Northwood
00BXGG	Page Moss
00BXGH	Park
00BXGJ	Prescot East
00BXGK	Prescot West
00BXGL	Roby
00BXGM	St Bartholomews
00BXGN	St Gabriels
00BXGP	St Michaels
00BXGQ	Shevington
00BXGR	Stockbridge
00BXGS	Swanside
00BXGT	Whiston North
00BXGU	Whiston South
00BXGW	Whitefield
00BYGL	Allerton and Hunts Cross
00BYGM	Anfield
00BYGN	Belle Vale
00BYGP	Central
00BYGQ	Childwall
00BYGR	Church
00BYGS	Clubmoor
00BYGT	County
00BYGU	Cressington
00BYGW	Croxteth
00BYGX	Everton
00BYGY	Fazakerley
00BYGZ	Greenbank
00BYHA	Kensington and Fairfield
00BYHB	Kirkdale

00BYHC	Knotty Ash
00BYHD	Mossley Hill
00BYHE	Norris Green
00BYHF	Old Swan
00BYHG	Picton
00BYHH	Princes Park
00BYHJ	Riverside
00BYHK	St Michael's
00BYHL	Speke-Garston
00BYHM	Tuebrook and Stonecroft
00BYHN	Warbreck
00BYHP	Wavertree
00BYHQ	West Derby
00BYHR	Woolton
00BYHS	Yew Tree
00BZFU	Billinge and Seneley Green
00BZFW	Blackbrook
00BZFX	Bold
00BZFY	Earlestown
00BZFZ	Eccleston
00BZGA	Haydock
00BZGB	Moss Bank
00BZGC	Newton
00BZGD	Parr
00BZGE	Rainford
00BZGF	Rainhill
00BZGG	Sutton
00BZGH	Thatto Heath
00BZGJ	Town Centre
00BZGK	West Park
00BZGL	Windle
00CAGZ	Ainsdale
00CAHA	Birkdale
00CAHB	Blundellsands
00CAHC	Cambridge
00CAHD	Church
00CAHE	Derby
00CAHF	Duke's
00CAHG	Ford
00CAHH	Harington

00CAHJ	Kew
00CAHK	Linacre
00CAHL	Litherland
00CAHM	Manor
00CAHN	Meols
00CAHP	Molyneux
00CAHQ	Netherton and Orrell
00CAHR	Norwood
00CAHS	Park
00CAHT	Ravenmeols
00CAHU	St Oswald
00CAHW	Sudell
00CAHX	Victoria
00CBFZ	Bebington
00CBGA	Bidston and St James
00CBGB	Birkenhead and Tranmere
00CBGC	Bromborough
00CBGD	Clatterbridge
00CBGE	Claughton
00CBGF	Eastham
00CBGG	Greasby, Frankby and Irby
00CBGH	Heswall
00CBGJ	Hoylake and Meols
00CBGK	Leasowe and Moreton East
00CBGL	Liscard
00CBGM	Moreton West and Saughall Massie
00CBGN	New Brighton
00CBGP	Oxton
00CBGQ	Pensby and Thingwall
00CBGR	Prenton
00CBGS	Rock Ferry
00CBGT	Seacombe
00CBGU	Upton
00CBGW	Wallasey
00CBGX	West Kirby and Thurstaston
00CCFZ	Central
00CCGA	Cudworth
00CCGB	Darfield
00CCGC	Darton East
00CCGD	Darton West

00CCGE	Dearne North
00CCGF	Dearne South
00CCGG	Dodworth
00CCGH	Hoyland Milton
00CCGJ	Kingstone
00CCGK	Monk Bretton
00CCGL	North East
00CCGM	Old Town
00CCGN	Penistone East
00CCGP	Penistone West
00CCGQ	Rockingham
00CCGR	Royston
00CCGS	St Helens
00CCGT	Stairfoot
00CCGU	Wombwell
00CCGW	Worsbrough
00CFY	Adwick
00CFZ	Armthorpe
00CEGA	Askern Spa
00CEGB	Balby
00CEGC	Bentley
00CEGD	Bessacarr and Cantley
00CEGE	Central
00CEGF	Conisbrough and Denaby
00CEGG	Edenthorpe, Kirk Sandall and Barnby Dun
00CEGH	Edlington and Warmsworth
00CEGJ	Finningley
00CEGK	Great North Road
00CEGL	Hatfield
00CEGM	Mexborough
00CEGN	Rossington
00CEGP	Sprotbrough
00CEGQ	Stainforth and Moorends
00CEGR	Thorne
00CEGS	Torne Valley
00CEGT	Town Moor
00CEGU	Wheatley
00CFZ	Anston and Woodsetts
00CFGA	Boston Castle
00CFGB	Brinsworth and Catcliffe



00CFGC	Dinnington
00CFGD	Hellaby
00CFGE	Holderness
00CFGF	Hooper
00CFGG	Keppel
00CFGH	Maltby
00CFGJ	Rawmarsh
00CFGK	Rother Vale
00CFGL	Rotherham East
00CFGM	Rotherham West
00CFGN	Silverwood
00CFGP	Sitwell
00CFGQ	Swinton
00CFGR	Valley
00CFGS	Wales
00CFGT	Wath
00CFGU	Wickersley
00CFGW	Wingfield
00CGGG	Arbourthorne
00CGGH	Beauchief and Greenhill
00CGGJ	Beighton
00CGGK	Birley
00CGGL	Broomhill
00CGGM	Burngreave
00CGGN	Central
00CGGP	Crookes
00CGGQ	Darnall
00CGGR	Dore and Totley
00CGGS	East Ecclesfield
00CGGT	Ecclesall
00CGGU	Firth Park
00CGGW	Fulwood
00CGGX	Gleadless Valley
00CGGY	Graves Park
00CGGZ	Hillsborough
00CGHA	Manor Castle
00CGHB	Mosborough
00CGHC	Nether Edge
00CGHD	Richmond
00CGHE	Shiregreen and Brightside

00CGHF	Southey
00CGHG	Stannington
00CGHH	Stocksbridge and Upper Don
00CGHJ	Walkley
00CGHK	West Ecclesfield
00CGHL	Woodhouse
00CHFZ	Birtley
00CHGA	Blaydon
00CHGB	Bridges
00CHGC	Chopwell and Rowlands Gill
00CHGD	Chowdene
00CHGE	Crawcrook and Greenside
00CHGF	Deckham
00CHGG	Dunston and Teams
00CHGH	Dunston Hill and Whickham East
00CHGJ	Felling
00CHGK	High Fell
00CHGL	Lamesley
00CHGM	Lobley Hill and Bensham
00CHGN	Low Fell
00CHGP	Pelaw and Heworth
00CHGQ	Ryton, Crookhill and Stella
00CHGR	Saltwell
00CHGS	Wardley and Leam Lane
00CHGT	Whickham North
00CHGU	Whickham South and Sunnyside
00CHGW	Windy Nook and Whitehills
00CHGX	Winlaton and High Spen
00CJGD	Benwell and Scotswood
00CJGE	Blakelaw
00CJGF	Byker
00CJGG	Castle
00CJGH	Dene
00CJGJ	Denton
00CJGK	East Gosforth
00CJGL	Elswick
00CJGM	Fawdon
00CJGN	Fenham
00CJGP	Kenton
00CJGQ	Lemington

00CJGR	Newburn
00CJGS	North Heaton
00CJGT	North Jesmond
00CJGU	Ouseburn
00CJGW	Parklands
00CJGX	South Heaton
00CJGY	South Jesmond
00CJGZ	Walker
00CJHA	Walkergate
00CJHB	Westerhope
00CJHC	Westgate
00CJHD	West Gosforth
00CJHE	Wingrove
00CJHF	Woolsington
00CKFX	Battle Hill
00CKFY	Benton
00CKFZ	Camperdown
00CKGA	Chirton
00CKGB	Collingwood
00CKGC	Cullercoats
00CKGD	Howdon
00CKGE	Killingworth
00CKGF	Longbenton
00CKGG	Monkseaton North
00CKGH	Monkseaton South
00CKGJ	Northumberland
00CKGK	Preston
00CKGL	Riverside
00CKGM	St Mary's
00CKGN	Tynemouth
00CKGP	Valley
00CKGQ	Wallsend
00CKGR	Weetslade
00CKGS	Whitley Bay
00CLFX	Beacon and Bents
00CLFY	Bede
00CLFZ	Biddick and All Saints
00CLGA	Boldon Colliery
00CLGB	Cleadon and East Boldon
00CLGC	Cleadon Park

00CLGD	Fellgate and Hedworth
00CLGE	Harton
00CLGF	Hebburn North
00CLGG	Hebburn South
00CLGH	Horsley Hill
00CLGJ	Monkton
00CLGK	Primrose
00CLGL	Simonside and Rekendyke
00CLGM	Westoe
00CLGN	West Park
00CLGP	Whitburn and Marsden
00CLGQ	Whiteleas
00CMGC	Barnes
00CMGD	Castle
00CMGE	Copt Hill
00CMGF	Doxford
00CMGG	Fulwell
00CMGH	Hendon
00CMGJ	Hetton
00CMGK	Houghton
00CMGL	Millfield
00CMGM	Pallion
00CMGN	Redhill
00CMGP	Ryhope
00CMGQ	St Anne's
00CMGR	St Chad's
00CMGS	St Michael's
00CMGT	St Peter's
00CMGU	Sandhill
00CMGW	Shiney Row
00CMGX	Silksworth
00CMGY	Southwick
00CMGZ	Washington Central
00CMHA	Washington East
00CMHB	Washington North
00CMHC	Washington South
00CMHD	Washington West
00CNGS	Acocks Green
00CNGT	Aston
00CNGU	Bartley Green

00CNGW	Billesley
00CNGX	Bordesley Green
00CNGY	Bournville
00CNGZ	Brandwood
00CNHA	Edgbaston
00CNHB	Erdington
00CNHC	Hall Green
00CNHD	Handsworth Wood
00CNHE	Harborne
00CNHF	Hodge Hill
00CNHG	Kings Norton
00CNHH	Kingstanding
00CNHJ	Ladywood
00CNHK	Longbridge
00CNHL	Lozells and East Handsworth
00CNHM	Moseley and Kings Heath
00CNHN	Nechells
00CNHP	Northfield
00CNHQ	Oscott
00CNHR	Perry Barr
00CNHS	Quinton
00CNHT	Selly Oak
00CNHU	Shard End
00CNHW	Sheldon
00CNHX	Soho
00CNHY	South Yardley
00CNHZ	Sparkbrook
00CNJA	Springfield
00CNJB	Stechford and Yardley North
00CNJC	Stockland Green
00CNJD	Sutton Four Oaks
00CNJE	Sutton New Hall
00CNJF	Sutton Trinity
00CNJG	Sutton Vesey
00CNJH	Tyburn
00CNJJ	Washwood Heath
00CNJK	Weoley
00CQFU	Bablake
00CQFW	Binley and Willenhall
00CQFX	Cheylesmore

00CQFY	Earlsdon
00CQFZ	Foleshill
00CQGA	Henley
00CQGB	Holbrook
00CQGC	Longford
00CQGD	Lower Stoke
00CQGE	Radford
00CQGF	St Michael's
00CQGG	Sherbourne
00CQGH	Upper Stoke
00CQGJ	Wainbody
00CQGK	Westwood
00CQGL	Whoberley
00CQGM	Woodlands
00CQGN	Wyken
00CRGB	Amblecote
00CRGC	Belle Vale
00CRGD	Brierley Hill
00CRGE	Brockmoor and Pensnett
00CRGF	Castle and Priory
00CRGG	Coseley East
00CRGH	Cradley and Foxcote
00CRGJ	Gornal
00CRGK	Halesowen North
00CRGL	Halesowen South
00CRGM	Hayley Green and Cradley South
00CRGN	Kingswinford North and Wall Heath
00CRGP	Kingswinford South
00CRGQ	Lye and Wollescote
00CRGR	Netherton, Woodside and St Andrews
00CRGS	Norton
00CRGT	Pedmore and Stourbridge East
00CRGU	Quarry Bank and Dudley Wood
00CRGW	St James's
00CRGX	St Thomas's
00CRGY	Sedgley
00CRGZ	Upper Gornal and Woodsetton
00CRHA	Wollaston and Stourbridge Town
00CRHB	Wordsley
00CSGB	Abbey

00CSGC	Blackheath
00CSGD	Bristnall
00CSGE	Charlemont with Grove Vale
00CSGF	Cradley Heath and Old Hill
00CSGG	Friar Park
00CSGH	Great Barr with Yew Tree
00CSGJ	Great Bridge
00CSGK	Greets Green and Lyng
00CSGL	Hateley Heath
00CSGM	Langley
00CSGN	Newton
00CSGP	Old Warley
00CSGQ	Oldbury
00CSGR	Princes End
00CSGS	Rowley
00CSGT	St Pauls
00CSGU	Smethwick
00CSGW	Soho and Victoria
00CSGX	Tipton Green
00CSGY	Tividale
00CSGZ	Wednesbury North
00CSHA	Wednesbury South
00CSHB	West Bromwich Central
00CTFT	Bickenhill
00CTFU	Blythe
00CTFW	Castle Bromwich
00CTFX	Chelmsley Wood
00CTFY	Dorridge and Hockley Heath
00CTFZ	Elmdon
00CTGA	Kingshurst and Fordbridge
00CTGB	Knowle
00CTGC	Lyndon
00CTGD	Meriden
00CTGE	Olton
00CTGF	St Alphege
00CTGG	Shirley East
00CTGH	Shirley South
00CTGJ	Shirley West
00CTGK	Silhill
00CTGL	Smith's Wood

00CUFX	Aldridge Central and South
00CUFY	Aldridge North and Walsall Wood
00CUFZ	Bentley and Darlaston North
00CUGA	Birchills Leamore
00CUGB	Blakenall
00CUGC	Bloxwich East
00CUGD	Bloxwich West
00CUGE	Brownhills
00CUGF	Darlaston South
00CUGG	Paddock
00CUGH	Palfrey
00CUGJ	Pelsall
00CUGK	Pheasey Park Farm
00CUGL	Pleck
00CUGM	Rushall-Shelfield
00CUGN	St Matthew's
00CUGP	Short Heath
00CUGQ	Streetly
00CUGR	Willenhall North
00CUGS	Willenhall South
00CWFY	Bilston East
00CWFZ	Blakenhall
00CWGA	Bushbury North
00CWGB	Bushbury South and Low Hill
00CWGC	East Park
00CWGD	Ettingshall
00CWGE	Fallings Park
00CWGF	Graiseley
00CWGG	Heath Town
00CWGH	Merry Hill
00CWGJ	Oxley
00CWGK	Park
00CWGL	Penn
00CWGM	St Peter's
00CWGN	Spring Vale
00CWGP	Tettenhall Regis
00CWGQ	Tettenhall Wightwick
00CWGR	Wednesfield North
00CWGS	Wednesfield South



00CXGH	Baildon
00CXGJ	Bingley
00CXGK	Bingley Rural
00CXGL	Bolton and Undercliffe
00CXGM	Bowling and Barkerend
00CXGN	Bradford Moor
00CXGP	City
00CXGQ	Clayton and Fairweather Green
00CXGR	Craven
00CXGS	Eccleshill
00CXGT	Great Horton
00CXGU	Heaton
00CXGW	Idle and Thackley
00CXGX	Ilkley
00CXGY	Keighley Central
00CXGZ	Keighley East
00CXHA	Keighley West
00CXHB	Little Horton
00CXHC	Manningham
00CXHD	Queensbury
00CXHE	Royds
00CXHF	Shipley
00CXHG	Thornton and Allerton
00CXHH	Toller
00CXHJ	Tong
00CXHK	Wharfedale
00CXHL	Wibsey
00CXHM	Windhill and Wrose
00CXHN	Worth Valley
00CXHP	Wyke
00CYFU	Brighouse
00CYFW	Calder
00CYFX	Elland
00CYFY	Greetland and Stainland
00CYFZ	Hipperholme and Lightcliffe
00CYGA	Illingworth and Mixenden
00CYGB	Luddendenfoot
00CYGC	Northowram and Shelf
00CYGD	Ovenden
00CYGE	Park

00CYGF	Rastrick
00CYGG	Ryburn
00CYGH	Skircoat
00CYGJ	Sowerby Bridge
00CYGK	Todmorden
00CYGL	Town
00CYGM	Warley
00CZGB	Almondbury
00CZGC	Ashbrow
00CZGD	Batley East
00CZGE	Batley West
00CZGF	Birstall and Birkenshaw
00CZGG	Cleckheaton
00CZGH	Colne Valley
00CZGJ	Crosland Moor and Netherton
00CZGK	Dalton
00CZGL	Denby Dale
00CZGM	Dewsbury East
00CZGN	Dewsbury South
00CZGP	Dewsbury West
00CZGQ	Golcar
00CZGR	Greenhead
00CZGS	Heckmondwike
00CZGT	Holme Valley North
00CZGU	Holme Valley South
00CZGW	Kirkburton
00CZGX	Lindley
00CZGY	Liversedge and Gomersal
00CZGZ	Mirfield
00CZHA	Newsome
00DAGL	Adel and Wharfedale
00DAGM	Alwoodley
00DAGN	Ardsley and Robin Hood
00DAGP	Armley
00DAGQ	Beeston and Holbeck
00DAGR	Bramley and Stanningley
00DAGS	Burmantofts and Richmond Hill
00DAGT	Calverley and Farsley
00DAGU	Chapel Allerton
00DAGW	City and Hunslet

00DAGX	Cross Gates and Whinmoor
00DAGY	Farnley and Wortley
00DAGZ	Garforth and Swillington
00DAHA	Gipton and Harehills
00DAHB	Guiseley and Rawdon
00DAHC	Harewood
00DAHD	Headingley
00DAHE	Horsforth
00DAHF	Hyde Park and Woodhouse
00DAHG	Killingbeck and Seacroft
00DAHH	Kippax and Methley
00DAHJ	Kirkstall
00DAHK	Middleton Park
00DAHL	Moortown
00DAHM	Morley North
00DAHN	Morley South
00DAHP	Otley and Yeadon
00DAHQ	Pudsey
00DAHR	Rothwell
00DAHS	Roundhay
00DAHT	Temple Newsam
00DAHU	Weetwood
00DAHW	Wetherby
00DBFY	Ackworth, North Elmsall and Upton
00DBFZ	Airedale and Ferry Fryston
00DBGA	Altofts and Whitwood
00DBGB	Castleford Central and Glasshoughton
00DBGC	Crofton, Ryhill and Walton
00DBGD	Featherstone
00DBGE	Hemsworth
00DBGF	Horbury and South Ossett
00DBGG	Knottingley
00DBGH	Normanton
00DBGJ	Ossett
00DBGK	Pontefract North
00DBGL	Pontefract South
00DBGM	South Elmsall and South Kirkby
00DBGN	Stanley and Outwood East
00DBGP	Wakefield East
00DBGQ	Wakefield North

00DBGR	Wakefield Rural
00DBGS	Wakefield South
00DBGT	Wakefield West
00DBGU	Wrenthorpe and Outwood West
00EBMT	Brus
00EBMU	Burn Valley
00EBMW	Dyke House
00EBMX	Elwick
00EBMY	Fens
00EBMZ	Foggy Furze
00EBNA	Grange
00EBNB	Greatham
00EBNC	Hart
00EBND	Owton
00EBNE	Park
00EBNF	Rift House
00EBNG	Rossmere
00EBNH	St Hilda
00EBNJ	Seaton
00EBNK	Stranton
00EBNL	Throston
00ECNC	Acklam
00ECND	Ayresome
00ECNE	Beckfield
00ECNF	Beechwood
00ECNG	Brookfield
00ECNH	Clairville
00ECNJ	Coulby Newham
00ECNK	Gresham
00ECNL	Hemlington
00ECNM	Kader
00ECNN	Ladgate
00ECNP	Linthorpe
00ECNQ	North Ormesby and Brambles Farm
00ECNR	Marton
00ECNS	Marton West
00ECNT	Middlehaven
00ECNU	Nunthorpe
00ECNW	Pallister
00ECNX	Park

00ECNY	Park End
00ECNZ	Stainton and Thornton
00ECPA	Thorntree
00ECPB	University
00EEMZ	Brotton
00EENA	Coatham
00EENB	Dormanstown
00EENC	Eston
00EEND	Grangetown
00EENE	Guisborough
00EENF	Hutton
00EENG	Kirkleatham
00EENH	Lockwood
00EENJ	Loftus
00EENK	Longbeck
00EENL	Newcomen
00EENM	Normanby
00EENN	Ormesby
00EENP	St Germain's
00EENQ	Saltburn
00EENR	Skelton
00EENS	South Bank
00EENT	Teesville
00EENU	West Dyke
00EENW	Westworth
00EENX	Zetland
00EFNH	Billingham Central
00EFNJ	Billingham East
00EFNK	Billingham North
00EFNL	Billingham South
00EFNM	Billingham West
00EFNN	Bishopsgarth and Elm Tree
00EFNP	Eaglescliffe
00EFNQ	Fairfield
00EFNR	Grangefield
00EFNS	Hardwick
00EFNT	Hartburn
00EFNU	Ingleby Barwick East
00EFNW	Ingleby Barwick West
00EFNX	Mandale and Victoria

00EFNY	Newtown
00EFNZ	Northern Parishes
00EFPA	Norton North
00EFPB	Norton South
00EFPD	Norton West
00EFPD	Parkfield and Oxbridge
00EFPE	Roseworth
00EFPF	Stainsby Hill
00EFPG	Stockton Town Centre
00EFPH	Village
00EFPJ	Western Parishes
00EFPK	Yarm
00EHNC	Bank Top
00EHND	Central
00EHNE	Cockerton East
00EHNF	Cockerton West
00EHNG	College
00EHNH	Eastbourne
00EHNJ	Faverdale
00EHNK	Harrowgate Hill
00EHNL	Haughton East
00EHNM	Haughton North
00EHNH	Haughton West
00EHNQ	Heighington and Coniscliffe
00EHNQ	Hummersknott
00EHNQ	Hurworth
00EHNS	Lascelles
00EHNT	Lingfield
00EHNU	Middleton St George
00EHNW	Mowden
00EHNX	North Road
00EHNY	Northgate
00EHNZ	Park East
00EHPA	Park West
00EHPB	Pierremont
00EHPC	Sadberge and Whessoe
00ETMY	Appleton
00ETMZ	Beechwood
00ETNA	Birchfield
00ETNB	Broadheath

00ETNC	Castlefields
00ETND	Daresbury
00ETNE	Ditton
00ETNF	Farnworth
00ETNG	Grange
00ETNH	Hale
00ETNJ	Halton Brook
00ETNK	Halton Lea
00ETNL	Halton View
00ETNM	Heath
00ETNN	Hough Green
00ETNP	Kingsway
00ETNQ	Mersey
00ETNR	Norton North
00ETNS	Norton South
00ETNT	Riverside
00ETNU	Windmill Hill
00EUNB	Appleton
00EUNC	Bewsey and Whitecross
00EUND	Birchwood
00EUNE	Burtonwood and Winwick
00EUNF	Culcheth, Glazebury and Croft
00EUNG	Fairfield and Howley
00EUNH	Grappenhall and Thelwall
00EUNJ	Great Sankey North
00EUNK	Great Sankey South
00EUNL	Hatton, Stretton and Walton
00EUNM	Latchford East
00EUNN	Latchford West
00EUNP	Lymm
00EUNQ	Orford
00EUNR	Penketh and Cuerdley
00EUNS	Poplars and Hulme
00EUNT	Poulton North
00EUNU	Poulton South
00EUNW	Rixton and Woolston
00EUNX	Stockton Heath
00EUNY	Westbrook
00EUNZ	Whittle Hall
00EXMZ	Audley

00EXNA	Bastwell
00EXNB	Beardwood with Lammack
00EXNC	Corporation Park
00EXND	Earcroft
00EXNE	East Rural
00EXNF	Ewood
00EXNG	Fernhurst
00EXNH	Higher Croft
00EXNJ	Little Harwood
00EXNK	Livesey with Pleasington
00EXNL	Marsh House
00EXNM	Meadowhead
00EXNN	Mill Hill
00EXNP	North Turton with Tockholes
00EXNQ	Queen's Park
00EXNR	Roe Lee
00EXNS	Shadsworth with Whitebirk
00EXNT	Shear Brow
00EXNU	Sudell
00EXNW	Sunnyhurst
00EXNX	Wensley Fold
00EXNY	Whitehall
00EYMZ	Anchorsholme
00EYNA	Bispham
00EYNB	Bloomfield
00EYNC	Brunswick
00EYND	Claremont
00EYNE	Clifton
00EYNF	Greenlands
00EYNG	Hawes Side
00EYNH	Highfield
00EYNJ	Ingthorpe
00EYNK	Layton
00EYNL	Marton
00EYNM	Norbreck
00EYNN	Park
00EYNP	Squires Gate
00EYNQ	Stanley
00EYNR	Talbot
00EYNS	Tyldesley



00EYNT	Victoria
00EYNU	Warbreck
00EYNW	Waterloo
00FAMX	Avenue
00FAMY	Beverley
00FAMZ	Boothferry
00FANA	Bransholme East
00FANB	Bransholme West
00FANC	Bricknell
00FAND	Derringham
00FANE	Drypool
00FANF	Holderness
00FANG	Ings
00FANH	Kings Park
00FANJ	Longhill
00FANK	Marfleet
00FANL	Myton
00FANM	Newington
00FANN	Newland
00FANP	Orchard Park and Greenwood
00FANQ	Pickering
00FANR	St Andrew's
00FANS	Southcoates East
00FANT	Southcoates West
00FANU	Sutton
00FANW	University
00FBND	Beverley Rural
00FBNE	Bridlington Central and Old Town
00FBNF	Bridlington North
00FBNG	Bridlington South
00FBNH	Cottingham North
00FBNJ	Cottingham South
00FBNK	Dale
00FBNL	Driffield and Rural
00FBNM	East Wolds and Coastal
00FBNN	Goole North
00FBNP	Goole South
00FBNQ	Hessle
00FBNR	Howden
00FBNS	Howdenshire

00FBNT	Mid Holderness
00FBNU	Minster and Woodmansey
00FBNW	North Holderness
00FBNX	Pocklington Provincial
00FBNY	St Mary's
00FBNZ	Snaith, Airmyn, Rawcliffe and Marshland
00FBPA	South East Holderness
00FBPB	South Hunsley
00FBPC	South West Holderness
00FBPD	Tranby
00FBPE	Willerby and Kirk Ella
00FBPF	Wolds Weighton
00FCMQ	Croft Baker
00FCMR	East Marsh
00FCMS	Freshney
00FCMT	Haverstoe
00FCMU	Heneage
00FCMW	Humberston and New Waltham
00FCMX	Immingham
00FCMY	Park
00FCMZ	Scarho
00FCNA	Sidney Sussex
00FCNB	South
00FCNC	Waltham
00FCND	West Marsh
00FCNE	Wolds
00FCNF	Yarborough
00FDMR	Ashby
00FDMS	Axholme Central
00FDMT	Axholme North
00FDMU	Axholme South
00FDMW	Barton
00FDMX	Bottesford
00FDMY	Brigg and Wolds
00FDMZ	Broughton and Appleby
00FDNA	Brumby
00FDNB	Burringham and Gunness
00FDNC	Burton upon Stather and Winterton
00FDND	Crosby and Park
00FDNE	Ferry

00FDNF	Frodingham
00FDNG	Kingsway with Lincoln Gardens
00FDNH	Ridge
00FDNJ	Town
00FFNG	Acomb
00FFNH	Bishopthorpe
00FFNJ	Clifton
00FFNK	Derwent
00FFNL	Dringhouses and Woodthorpe
00FFNM	Fishergate
00FFNN	Fulford
00FFNP	Guildhall
00FFNQ	Haxby and Wigginton
00FFNR	Heslington
00FFNS	Heworth
00FFNT	Heworth Without
00FFNU	Holgate
00FFNW	Hull Road
00FFNX	Huntington and New Earswick
00FFNY	Micklegate
00FFNZ	Osbalwick
00FFPA	Rural West York
00FFPB	Skelton, Rawcliffe and Clifton Without
00FFPC	Strensall
00FFPD	Westfield
00FFPE	Wheldrake
00FKMX	Abbey
00FKMY	Allestree
00FKMZ	Alvaston
00FKNA	Arboretum
00FKNB	Blagreaves
00FKNC	Boulton
00FKND	Chaddesden
00FKNE	Chellaston
00FKNF	Darley
00FKNG	Derwent
00FKNH	Littleover
00FKNJ	Mackworth
00FKNK	Mickleover
00FKNL	Normanton

00FKNM	Oakwood
00FKNN	Sinfin
00FKNP	Spondon
00FNNE	Abbey
00FNNG	Aylestone
00FNNH	Beaumont Leys
00FNNJ	Belgrave
00FNNK	Braunstone Park and Rowley Fields
00FNNL	Castle
00FNNM	Charnwood
00FNNN	Coleman
00FNNP	Evington
00FNNO	Eyres Monsell
00FNNR	Fosse
00FNNS	Freemen
00FNNT	Humberstone and Hamilton
00FNNU	Knighton
00FNNV	Latimer
00FNNX	New Parks
00FNNY	Rushey Mead
00FNNZ	Spinney Hills
00FNPA	Stoneygate
00FNPB	Thurncourt
00FNPC	Westcotes
00FNPD	Western Park
00FPMS	Braunston and Belton
00FPMT	Cottesmore
00FPMU	Exton
00FPMW	Greetham
00FPMX	Ketton
00FPMY	Langham
00FPMZ	Lyddington
00FPNA	Martinthorpe
00FPNB	Normanton
00FPNC	Oakham North East
00FPND	Oakham North West
00FPNE	Oakham South East
00FPNF	Oakham South West
00FPNG	Ryhall and Casterton
00FPNH	Uppingham

00FPNJ	Whissendine
00FYNE	Arboretum
00FYNF	Aspley
00FYNG	Basford
00FYNH	Berridge
00FYNJ	Bestwood
00FYNK	Bilborough
00FYNL	Bridge
00FYNM	Bulwell
00FYNN	Bulwell Forest
00FYNP	Clifton North
00FYNQ	Clifton South
00FYNR	Dales
00FYNS	Dunkirk and Lenton
00FYNT	Leen Valley
00FYNU	Mapperley
00FYNW	Radford and Park
00FYNX	St Ann's
00FYNY	Sherwood
00FYNZ	Wollaton East and Lenton Abbey
00FYPA	Wollaton West
00GANY	Aylestone
00GANZ	Backbury
00GAPA	Belmont
00GAPB	Bircher
00GAPC	Bringsty
00GAPD	Bromyard
00GAPE	Burghill, Holmer and Lyde
00GAPF	Castle
00GAPG	Central
00GAPH	Credenhill
00GAPJ	Frome
00GAPK	Golden Cross with Weobley
00GAPL	Golden Valley North
00GAPM	Golden Valley South
00GAPN	Hagley
00GAPP	Hampton Court
00GAPQ	Hollington
00GAPR	Hope End
00GAPS	Kerne Bridge

00GAPT	Kington Town
00GAPU	Ledbury
00GAPW	Leominster North
00GAPX	Leominster South
00GAPY	Llangarron
00GAPZ	Mortimer
00GAQA	Old Gore
00GAQB	Pembridge and Lyonshall with Titley
00GAQC	Penyard
00GAQD	Pontrilas
00GAQE	Ross-on-Wye East
00GAQF	Ross-on-Wye West
00GAQG	St Martins and Hinton
00GAQH	St Nicholas
00GAQJ	Stoney Street
00GAQK	Sutton Walls
00GAQL	Three Elms
00GAQM	Tupsley
00GAQN	Upton
00GAQP	Valletts
00GAQQ	Wormsley Ridge
00GFNM	Apley Castle
00GFNN	Arleston
00GFNP	Brookside
00GFNQ	Church Aston and Lilleshall
00GFNR	College
00GFNS	Cuckoo Oak
00GFNT	Dawley Magna
00GFNU	Donnington
00GFNW	Dothill
00GFNX	Edgmond
00GFNY	Ercall
00GFNZ	Ercall Magna
00GFPA	Hadley and Leegomery
00GFPB	Haygate
00GFPC	Horsehay and Lightmoor
00GFPD	Ironbridge Gorge
00GFPE	Ketley and Oakengates
00GFPF	Lawley and Overdale
00GFPG	Madeley

00GFPH	Malinslee
00GFPJ	Muxton
00GFPK	Newport East
00GFPL	Newport North
00GFPM	Newport South
00GFPN	Newport West
00GFPP	Park
00GF PQ	Priorslee
00GFPR	St Georges
00GFPS	Shawburch
00GFPT	The Nedge
00GFPU	Woodside
00GF PW	Wrockwardine
00GF PX	Wrockwardine Wood and Trench
00GLMX	Abbey Green
00GLMY	Bentilee and Townsend
00GLMZ	Berryhill and Hanley East
00GLNA	Blurton
00GLNB	Burslem North
00GLNC	Burslem South
00GLND	Chell and Packmoor
00GLNE	East Valley
00GLNF	Fenton
00GLNG	Hanley West and Shelton
00GLNH	Hartshill and Penkhull
00GLNJ	Longton North
00GLNK	Longton South
00GLNL	Meir Park and Sandon
00GLNM	Northwood and Birches Head
00GLNN	Norton and Bradeley
00GLNP	Stoke and Trent Vale
00GLNQ	Trentham and Hanford
00GLNR	Tunstall
00GLNS	Weston and Meir North
00HANP	Abbey
00HANQ	Bathavon North
00HANR	Bathavon South
00HANS	Bathavon West
00HANT	Bathwick
00HANU	Chew Valley North

00HANW	Chew Valley South
00HANX	Clutton
00HANY	Combe Down
00HANZ	Farmborough
00HAPA	High Littleton
00HAPB	Keynsham East
00HAPC	Keynsham North
00HAPD	Keynsham South
00HAPE	Kingsmead
00HAPF	Lambridge
00HAPG	Lansdown
00HAPH	Lyncombe
00HAPJ	Mendip
00HAPK	Midsomer Norton North
00HAPL	Midsomer Norton Redfield
00HAPM	Newbridge
00HAPN	Odd Down
00HAPP	Oldfield
00HAPQ	Paulton
00HAPR	Peasedown
00HAPS	Publow and Witchurch
00HAPT	Radstock
00HAPU	Saltford
00HAPW	Southdown
00HAPX	Timsbury
00HAPY	Twerton
00HAPZ	Walcot
00HAQA	Westfield
00HAQB	Westmoreland
00HAQC	Weston
00HAQD	Widcombe
00HBNM	Ashley
00HBNN	Avonmouth
00HBNP	Bedminster
00HBNQ	Bishopston
00HBNR	Bishopsworth
00HBNS	Brislington East
00HBNT	Brislington West
00HBNU	Cabot
00HBNW	Clifton



00HBNX	Clifton East
00HBNY	Cotham
00HBNZ	Easton
00HBPA	Eastville
00HBPB	Filwood
00HBPC	Frome Vale
00HBPD	Hartcliffe
00HBPE	Henbury
00HBPF	Hengrove
00HBPG	Henleaze
00HBPH	Hillfields
00HBPJ	Horfield
00HBPK	Kingsweston
00HBPL	Knowle
00HBPM	Lawrence Hill
00HBPN	Lockleaze
00HBPP	Redland
00HBPQ	St George East
00HBPR	St George West
00HBPS	Southmead
00HBPT	Southville
00HBPU	Stockwood
00HBPW	Stoke Bishop
00HBPX	Westbury-on-Trym
00HBPY	Whitchurch Park
00HBPZ	Windmill Hill
00HCNP	Backwell
00HCNQ	Banwell and Winscombe
00HCNR	Blagdon and Churchill
00HCNS	Clevedon Central
00HCNT	Clevedon East
00HCNU	Clevedon North
00HCNW	Clevedon South
00HCNX	Clevedon Walton
00HCNY	Clevedon West
00HCNZ	Clevedon Yeo
00HCPA	Congresbury
00HCPB	Easton-in-Gordano
00HCPC	Gordano
00HCPD	Hutton and Locking

00HCPE	Kewstoke
00HCPF	Nailsea East
00HCPG	Nailsea North and West
00HCPH	Pill
00HCPJ	Portishead Central
00HCPK	Portishead Coast
00HCPL	Portishead East
00HCPM	Portishead Redcliffe Bay
00HCPN	Portishead South and North Weston
00HCPP	Portishead West
00HCPQ	Weston-super-Mare Central
00HCPR	Weston-super-Mare Clarence and Uphill
00HPCS	Weston-super-Mare East
00HCPT	Weston-super-Mare Milton and Old Worle
00HCPU	Weston-super-Mare North Worle
00HCPW	Weston-super-Mare South
00HCPX	Weston-super-Mare South Worle
00HCPY	Weston-super-Mare West
00HCPZ	Winford
00HCQA	Wraxall and Long Ashton
00HCQB	Wrington
00HCQC	Yatton
00HDNR	Almondsbury
00HDNS	Alveston
00HDNT	Bitton
00HDNU	Boyd Valley
00HDNW	Bradley Stoke Baileys Court
00HDNX	Bradley Stoke Bowsland
00HDNY	Bradley Stoke Sherbourne
00HDNZ	Charfield
00HDPA	Chipping Sodbury
00HDPB	Cotswold Edge
00HDPC	Dodington
00HDPD	Downend
00HDPE	Filton
00HDPF	Frampton Cotterell
00HDPG	Hanham
00HDPH	Kings Chase
00HDPJ	Ladden Brook
00HDPK	Longwell Green

00HDPL	Oldland Common
00HDPM	Parkwall
00HDPN	Patchway
00HDPP	Pilning and Severn Beach
00HDPQ	Rodway
00H DPR	Severn
00HDPS	Siston
00HDPT	Staple Hill
00HDP U	Stoke Gifford
00HDPW	Thornbury North
00HDPX	Thornbury South
00HDPY	Westerleigh
00HDPZ	Winterbourne
00HDQA	Woodstock
00HDQB	Yate Central
00HDQC	Yate North
00HDQD	Yate West
00HGMX	Budshead
00H GMY	Compton
00HGMZ	Devonport
00HGNA	Drake
00HGNB	Efford and Lipson
00HGNC	Egguckland
00HGND	Ham
00HGNE	Honicknowle
00HGNF	Moor View
00HGNG	Peverell
00HG NH	Plympton Chaddlewood
00HG NJ	Plympton Erle
00HG NK	Plympton St Mary
00HG NL	Plymstock Dunstone
00HG NM	Plymstock Radford
00HG NN	St Budeaux
00HG NP	St Peter and the Waterfront
00HG NQ	Southway
00HG NR	Stoke
00HG NS	Sutton and Mount Gould
00HH MN	Berry Head-with-Furzeham
00HH MP	Blatchcombe
00HH MQ	Churston-with-Galmpton

00HHMR	Clifton-with-Maidenway
00HHMS	Cockington-with-Chelston
00HHMT	Ellacombe
00HHMU	Goodrington-with-Roselands
00HHMW	Preston
00HHMX	Roundham-with-Hyde
00HHMY	St Marychurch
00HHMZ	St Mary's-with-Summercombe
00HHNA	Shiphay-with-the-Willows
00HHNB	Tormohun
00HHNC	Watcombe
00HHND	Wellswood
00HNMW	Boscombe East
00HNMX	Boscombe West
00HNMY	Central
00HNMZ	East Cliff and Springbourne
00HNNA	East Southbourne and Tuckton
00HNNB	Kinson North
00HNNC	Kinson South
00HNND	Littledown and Iford
00HNNE	Moordown
00HNNF	Queen's Park
00HNNG	Redhill and Northbourne
00HNNH	Strouden Park
00HNNJ	Talbot and Branksome Woods
00HNNK	Throop and Muscliff
00HNNL	Wallisdown and Winton West
00HNNM	West Southbourne
00HNNN	Westbourne and West Cliff
00HNNP	Winton East
00HPMP	Alderney
00HPMQ	Branksome East
00HPMR	Branksome West
00HPMS	Broadstone
00HPMT	Canford Cliffs
00HPMU	Canford Heath East
00HPMW	Canford Heath West
00HPMX	Creekmoor
00HPMY	Hamworthy East
00HPMZ	Hamworthy West

00HPNA	Merley and Bearwood
00HPNB	Newtown
00HPNC	Oakdale
00HPND	Parkstone
00HPNE	Penn Hill
00HPNF	Poole Town
00HXYM	Abbey Meads
00HXYZ	Blunsdon
00HXNA	Central
00HXNB	Covingham and Nythe
00HXNC	Dorcan
00HXND	Eastcott
00HXNE	Freshbrook and Grange Park
00HXNF	Gorse Hill and Pinehurst
00HXNG	Haydon Wick
00HXNH	Highworth
00HXNJ	Moredon
00HXNK	Old Town and Lawn
00HXNL	Parks
00HXNM	Penhill
00HXNN	Ridgeway
00HXNP	St Margaret
00HXNQ	St Philip
00HXNR	Shaw and Nine Elms
00HXNS	Toothill and Westlea
00HXNT	Walcot
00HXNU	Western
00HXNW	Wroughton and Chiseldon
00JANB	Barnack
00JANC	Bretton North
00JAND	Bretton South
00JANE	Central
00JANF	Dogsthorpe
00JANG	East
00JANH	Eye and Thorney
00JANJ	Fletton
00JANK	Glington and Wittering
00JANL	Newborough
00JANM	North
00JANN	Northborough

00JANP	Orton Longueville
00JANQ	Orton Waterville
00JANR	Orton with Hampton
00JANS	Park
00JANT	Paston
00JANU	Ravensthorpe
00JANW	Stanground Central
00JANX	Stanground East
00JANY	Walton
00JANZ	Werrington North
00JAPA	Werrington South
00JAPB	West
00KAMS	Barnfield
00KAMT	Biscot
00KAMU	Bramingham
00KAMW	Challney
00KAMX	Crawley
00KAMY	Dallow
00KAMZ	Farley
00KANA	High Town
00KANB	Icknield
00KANC	Legrave
00KAND	Lewsey
00KANE	Limbury
00KANF	Northwell
00KANG	Round Green
00KANH	Saints
00KANJ	South
00KANK	Stopsley
00KANL	Sundon Park
00KANM	Wigmore
00KFMP	Belfairs
00KFMQ	Blenheim Park
00KFMR	Chalkwell
00KFMS	Eastwood Park
00KFMT	Kursaal
00KFMU	Leigh
00KFMW	Milton
00KFMX	Prittlewell
00KFMY	St Laurence

00KFMZ	St. Luke's
00KFNA	Shoeburyness
00KFNB	Southchurch
00KFNC	Thorpe
00KFND	Victoria
00KFNE	Westborough
00KFNF	West Leigh
00KFNG	West Shoebury
00KGMX	Aveley and Uplands
00KGMY	Belhus
00KGMZ	Chadwell St Mary
00KGNA	Chafford and North Stifford
00KGNB	Corringham and Fobbing
00KGNC	East Tilbury
00KGND	Grays Riverside
00KGNE	Grays Thurrock
00KGNF	Little Thurrock Blackshots
00KGNG	Little Thurrock Rectory
00KGNH	Ockendon
00KGNJ	Orsett
00KGNK	South Chafford
00KGNL	Stanford East and Corringham Town
00KGNM	Stanford-le-Hope West
00KGNN	Stifford Clays
00KGNP	The Homesteads
00KGNQ	Tilbury Riverside and Thurrock Park
00KGNR	Tilbury St Chads
00KGNS	West Thurrock and South Stifford
00LCNN	Chatham Central
00LCNP	Cuxton and Halling
00LCNQ	Gillingham North
00LCNR	Gillingham South
00LCNS	Hempstead and Wigmore
00LCNT	Lordswood and Capstone
00LCNU	Luton and Wayfield
00LCNW	Peninsula
00LCNX	Princes Park
00LCNY	Rainham Central
00LCNZ	Rainham North
00LCPA	Rainham South

00LCPB	River
00LCPC	Rochester East
00LCPD	Rochester South and Horsted
00LCPE	Rochester West
00LCPF	Strood North
00LCPG	Strood Rural
00LCPH	Strood South
00LCPJ	Twydall
00LCPK	Walderslade
00LCPL	Watling
00MAMW	Ascot
00MAMX	Binfield with Warfield
00MAMY	Bullbrook
00MAMZ	Central Sandhurst
00MANA	College Town
00MANB	Crown Wood
00MANC	Crowthorne
00MAND	Great Hollands North
00MANE	Great Hollands South
00MANF	Hanworth
00MANG	Harmans Water
00MANH	Little Sandhurst and Wellington
00MANJ	Old Bracknell
00MANK	Owlsmoor
00MANL	Priestwood and Garth
00MANM	Warfield Harvest Ride
00MANN	Wildridings and Central
00MANP	Winkfield and Cranbourne
00MBNJ	Aldermaston
00MBNK	Basildon
00MBNL	Birch Copse
00MBNM	Bucklebury
00MBNN	Burghfield
00MBNP	Calcot
00MBNQ	Chieveley
00MBNR	Clay Hill
00MBNS	Cold Ash
00MBNT	Compton
00MBNU	Downlands
00MBNW	Falkland



00MBNX	Greenham
00MBNY	Hungerford
00MBNZ	Kintbury
00MBPA	Lambourn Valley
00MBPB	Mortimer
00MBPC	Northcroft
00MBPD	Pangbourne
00MBPE	Purley on Thames
00MBPF	St Johns
00MBPG	Speen
00MBPH	Sulhamstead
00MBPJ	Thatcham Central
00MBPK	Thatcham North
00MBPL	Thatcham South and Crookham
00MBPM	Thatcham West
00MBPN	Theale
00MBPP	Victoria
00MBPQ	Westwood
00MCMR	Abbey
00MCMS	Battle
00MCMT	Caversham
00MCMU	Church
00MCMW	Katesgrove
00MCMX	Kentwood
00MCMY	Mapledurham
00MCMZ	Minster
00MCNA	Norcot
00MCNB	Park
00MCNC	Peppard
00MCND	Redlands
00MCNE	Southcote
00MCNF	Thames
00MCNG	Tilehurst
00MCNH	Whitley
00MDMQ	Baylis and Stoke
00MDMR	Britwell
00MDMS	Central
00MDMT	Chalvey
00MDMU	Cippenham Green
00MDMW	Cippenham Meadows

00MDMX	Colnbrook with Poyle
00MDMY	Farnham
00MDMZ	Foxborough
00MDNA	Haymill
00MDNB	Kedermister
00MDNC	Langley St Mary's
00MDND	Upton
00MDNE	Wexham Lea
00MEMZ	Ascot and Cheapside
00MENA	Belmont
00MENB	Bisham and Cookham
00MENC	Boyn Hill
00MEND	Bray
00MENE	Castle Without
00MENF	Clewer East
00MENG	Clewer North
00MENH	Clewer South
00MENJ	Cox Green
00MENK	Datchet
00MENL	Eton and Castle
00MENM	Eton Wick
00MENN	Furze Platt
00MENP	Horton and Wraysbury
00MENQ	Hurley and Walthams
00MENR	Maidenhead Riverside
00MENS	Old Windsor
00MENT	Oldfield
00MENU	Park
00MENW	Pinkneys Green
00MENX	Sunningdale
00MENY	Sunninghill and South Ascot
00MFNB	Arborfield
00MFNC	Barkham
00MFND	Bulmershe and Whitegates
00MFNE	Charvil
00MFNF	Coronation
00MFNG	Emmbrook
00MFNH	Evendons
00MFNJ	Finchampstead North
00MFNK	Finchampstead South

00MFNL	Hawkedon
00MFNM	Hillside
00MFNN	Hurst
00MFNP	Loddon
00MFNQ	Maiden Erlegh
00MFNR	Norreys
00MFNS	Remenham, Wargrave and Ruscombe
00MFNT	Shinfield North
00MFNU	Shinfield South
00MFNW	Sonning
00MFNX	South Lake
00MFNY	Swallowfield
00MFNZ	Twyford
00MFPA	Wescott
00MFPB	Winnersh
00MFPC	Wokingham Without
00MGNB	Bletchley and Fenny Stratford
00MGNC	Bradwell
00MGND	Campbell Park
00MGNE	Danesborough
00MGNF	Denbigh
00MGNG	Eaton Manor
00MGNH	Emerson Valley
00MGNJ	Furzton
00MGNK	Hanslope Park
00MGNL	Linford North
00MGNM	Linford South
00MGNN	Loughton Park
00MGNP	Middleton
00MGNQ	Newport Pagnell North
00MGNR	Newport Pagnell South
00MGNS	Olney
00MGNT	Sherington
00MGNU	Stantonbury
00MGNW	Stony Stratford
00MGNX	Walton Park
00MGNY	Whaddon
00MGNZ	Wolverton
00MGPA	Woughton
00MLND	Brunswick and Adelaide

00MLNE	Central Hove
00MLNF	East Brighton
00MLNG	Goldsmid
00MLNH	Hangleton and Knoll
00MLNJ	Hanover and Elm Grove
00MLNK	Hollingbury and Stanmer
00MLNL	Moulsecoomb and Bevendean
00MLNM	North Portslade
00MLNN	Patcham
00MLNP	Preston Park
00MLNQ	Queen's Park
00MLNR	Regency
00MLNS	Rottingdean Coastal
00MLNT	St. Peter's and North Laine
00MLNU	South Portslade
00MLNW	Stanford
00MLNX	Westbourne
00MLNY	Wish
00MLNZ	Withdean
00MLPA	Woodingdean
00MRMP	Baffins
00MRMQ	Central Southsea
00MRMR	Charles Dickens
00MRMS	Copnor
00MRMT	Cosham
00MRMU	Drayton and Farlington
00MRMW	Eastney and Craneswater
00MRMX	Fratton
00MRMY	Hilsea
00MRMZ	Milton
00MRNA	Nelson
00MRNB	Paulsgrove
00MRNC	St Jude
00MRND	St Thomas
00MSMR	Bargate
00MSMS	Bassett
00MSMT	Bevois
00MSMU	Bitterne
00MSMW	Bitterne Park
00MSMX	Coxford

00MSMY	Freemantle
00MSMZ	Harefield
00MSNA	Millbrook
00MSNB	Peartree
00MSNC	Portswood
00MSND	Redbridge
00MSNE	Shirley
00MSNF	Sholing
00MSNG	Swaythling
00MSNH	Woolston
00MWPC	Ashey
00MWPD	Bembridge North
00MWPE	Bembridge South
00MWPF	Binstead
00MWPG	Brading and St Helens
00MWPH	Brighstone and Calbourne
00MWPJ	Carisbrooke East
00MWPK	Carisbrooke West
00MWPL	Central Rural
00MWPM	Chale, Niton and Whitwell
00MWPN	Cowes Castle East
00MWPP	Cowes Castle West
00MWPQ	Cowes Central
00MWPR	Cowes Medina
00MWPS	East Cowes North
00MWPT	East Cowes South
00MWPU	Fairlee
00MWPW	Freshwater Afton
00MWPX	Freshwater Norton
00MWPY	Gurnard
00MWpz	Lake North
00MWQA	Lake South
00MWQB	Mount Joy
00MWQC	Newchurch
00MWQD	Newport North
00MWQE	Newport South
00MWQF	Northwood
00MWQG	Osborne
00MWQH	Pan
00MWQJ	Parkhurst

00MWQK	Ryde North East
00MWQL	Ryde North West
00MWQM	Ryde South East
00MWQN	Ryde South West
00MWQP	St Johns East
00MWQQ	St Johns West
00MWQR	Sandown North
00MWQS	Sandown South
00MWQT	Seaview and Nettlestone
00MWQU	Shalfleet and Yarmouth
00MWQW	Shanklin Central
00MWQX	Shanklin North
00MWQY	Shanklin South
00MWQZ	Totland
00MWRA	Ventnor East
00MWRB	Ventnor West
00MWRC	Wootton
00MWRD	Wroxall and Godshill
00NAMA	Aberffraw
00NAMB	Amlwch Port
00NAMC	Amlwch Rural
00NAMD	Beaumaris
00NAME	Bodffordd
00NAMF	Bodorgan
00NAMG	Braint
00NAMH	Bryngwran
00NAMJ	Brynteg
00NAMK	Cadnant
00NAML	Cefni
00NAMM	Cwm Cadnant
00NAMN	Cyngar
00NAMP	Gwyngyll
00NAMQ	Holyhead Town
00NAMR	Kingsland
00NAMS	Llanbadrig
00NAMT	Llanbedrgoch
00NAMU	Llanddyfnan
00NAMW	Llaneilian
00NAMX	Llanfaethlu
00NAMY	Llanfair-yn-Neubwll

00NAMZ	Llanfihangel Ysgeifiog
00NANA	Llangoed
00NANB	Llanidan
00NANC	Llannerch-y-medd
00NAND	London Road
00NANE	Maeshyfyd
00NANF	Mechell
00NANG	Moelfre
00NANH	Morawelon
00NANJ	Parc a'r Mynydd
00NANK	Pentraeth
00NANL	Porthyfelin
00NANM	Rhosneigr
00NANN	Rhosyr
00NANP	Trearddur
00NANQ	Tudur
00NANR	Tysilio
00NANS	Valley
00NCQA	Aberdaron
00NCQB	Aberdovey
00NCQC	Abererch
00NCQD	Abermaw
00NCQE	Abersoch
00NCQF	Arllechwedd
00NCQG	Bala
00NCQH	Bethel
00NCQJ	Bontnewydd
00NCQK	Botwnnog
00NCQL	Bowydd and Rhiw
00NCQM	Brithdir and Llanfachreth/Ganllwyd/Llanelltyd
00NCQN	Bryn-crug/Llanfihangel
00NCQP	Cadnant
00NCQQ	Clynnog
00NCQR	Corris/Mawddwy
00NCQS	Criccieth
00NCQT	Cwm-y-Glo
00NCQU	Deiniol
00NCQW	Deiniolen
00NCQX	Dewi
00NCQY	Diffwys and Maenofferen

00NCQZ	Dolbenmaen
00NCRA	Dolgellau North
00NCRB	Dolgellau South
00NCRC	Dyffryn Ardudwy
00NCRD	Efail-newydd/Buan
00NCRE	Garth
00NCRF	Gerlan
00NCRG	Glyder
00NCRH	Groeslon
00NCRJ	Harlech
00NCRK	Hendre
00NCLR	Hirael
00NCRM	Llanaelhaearn
00NCRN	Llanbedr
00NCRP	Llanbedrog
00NCRQ	Llanberis
00NCRR	Llandderfel
00NCRS	Llanengan
00NCRT	Llangelynin
00NCRU	Llanllfni
00NCRW	Llanrug
00NCRX	Llanuwchllyn
00NCRY	Llanwnda
00NCRZ	Llanystumdwy
00NCSA	Marchog
00NCSB	Menai (Bangor)
00NCS C	Menai (Caernarfon)
00NCS D	Morfa Nefyn
00NCS E	Nefyn
00NCS F	Ogwen
00NCS G	Peblig (Caernarfon)
00NCS H	Penisarwaun
00NCS J	Penrhyndeudraeth
00NCS K	Pentir
00NCS L	Penygroes
00NCS M	Porthmadog East
00NCS N	Porthmadog West
00NCS P	Porthmadog-Tremadog
00NCS Q	Pwllheli North
00NCS R	Pwllheli South



00NCST	Seiont
00NCSTU	Talysarn
00NCSTW	Teigl
00NCSTX	Trawsfynydd
00NCSTY	Tregarth & Mynydd Llandygai
00NCSTZ	Tudweiliog
00NCTA	Tywyn
00NCTB	Waunfawr
00NCTC	Y Felinheli
00NENT	Abergele Pensarn
00NENU	Betws-y-Coed
00NENW	Betws yn Rhos
00NENX	Bryn
00NENY	Caerhun
00NENZ	Capelulo
00NEPA	Colwyn
00NEPB	Conwy
00NEPC	Craig-y-Don
00NEPD	Crwst
00NEPE	Deganwy
00NEPF	Eglwysbach
00NEPG	Eirias
00NEPH	Gele
00NEPJ	Glyn
00NEPK	Gogarth
00NEPL	Gower
00NEPM	Kinmel Bay
00NEPN	Llanddulas
00NEPP	Llandrillo yn Rhos
00NEPQ	Llangernyw
00NEPR	Llansanffraid
00NEPS	Llansannan
00NEPT	Llysfaen
00NEPU	Marl
00NEPW	Mochdre
00NEPX	Mostyn
00NEPY	Pandy
00NEPZ	Pant-yr-afon/Penmaenan
00NEQA	Penrhyn
00NEQB	Pensarn

00NEQC	Pentre Mawr
00NEQD	Rhiw
00NEQE	Towyn
00NEQF	Trefriw
00NEQG	Tudno
00NEQH	Uwch Conwy
00NEQJ	Uwchaled
00NGNK	Bodelwyddan
00NGNL	Corwen
00NGNM	Denbigh Central
00NGNN	Denbigh Lower
00NGNP	Denbigh Upper/Henllan
00NGNQ	Dyserth
00NGNR	Efenechtyd
00NGNS	Llanarmon-yn-Ial/Llandegla
00NGNT	Llanbedr Dyffryn Clwyd/Llangynhafal
00NGNU	Llandrillo
00NGNW	Llandyrnog
00NGNX	Llanfair Dyffryn Clwyd/Gwyddelwern
00NGNY	Llangollen
00NGNZ	Llanrhaeadr-yng-Nghinmeirch
00NGPA	Prestatyn Central
00NGPB	Prestatyn East
00NGPC	Prestatyn Meliden
00NGPD	Prestatyn North
00NGPE	Prestatyn South West
00NGPF	Rhuddlan
00NGPG	Rhyl East
00NGPH	Rhyl South
00NGPJ	Rhyl South East
00NGPK	Rhyl South West
00NGPL	Rhyl West
00NGPM	Ruthin
00NGPN	St. Asaph East
00NGPP	St. Asaph West
00NGPQ	Trefnant
00NGPR	Tremeirchion
00NJPJ	Argoed
00NJPK	Aston
00NJPL	Bagillt East

00NJPM	Bagillt West
00NJPN	Broughton North East
00NJPP	Broughton South
00NJPQ	Brynford
00NJPR	Buckley Bistre East
00NJPS	Buckley Bistre West
00NJPT	Buckley Mountain
00NJPU	Buckley Pentrobin
00NJPW	Caergwrle
00NJPX	Caerwys
00NJPY	Cilcain
00NJPZ	Connah's Quay Central
00NJQA	Connah's Quay Golftyn
00NJQB	Connah's Quay South
00NJQC	Connah's Quay Wepre
00NJQD	Ewloe
00NJQE	Ffynnongroyw
00NJQF	Flint Castle
00NJQG	Flint Coleshill
00NJQH	Flint Oakenholt
00NJQJ	Flint Trelawny
00NJQK	Greenfield
00NJQL	Gronant
00NJQM	Gwernaffield
00NJQN	Gwernymynydd
00NJQP	Halkyn
00NJQQ	Hawarden
00NJQR	Higher Kinnerton
00NJQS	Holywell Central
00NJQT	Holywell East
00NJQU	Holywell West
00NJQW	Hope
00NJQX	Leeswood
00NJQY	Llanfynydd
00NJQZ	Mancot
00NJRA	Mold Broncoed
00NJRB	Mold East
00NJRC	Mold South
00NJRD	Mold West
00NJRE	Mostyn

00NJRF	New Brighton
00NJRG	Northop
00NJRH	Northop Hall
00NJRJ	Penyffordd
00NJRK	Queensferry
00NJRL	Saltney Mold Junction
00NJRM	Saltney Stonebridge
00NJRN	Sealand
00NJRP	Shotton East
00NJRQ	Shotton Higher
00NJRR	Shotton West
00NJRS	Trelawnyd and Gwaenysgor
00NJRT	Treuddyn
00NJRU	Whitford
00NLNW	Acton
00NLNX	Borras Park
00NLNY	Bronington
00NLNZ	Brymbo
00NLPA	Brynyffynnon
00NLPB	Bryn Cefn
00NLPC	Cartrefle
00NLPD	Cefn
00NLPE	Dyffryn Ceiriog/Ceiriog Valley
00NLPF	Chirk North
00NLPG	Chirk South
00NLPH	Coedpoeth
00NLPJ	Erddig
00NLPK	Esclusham
00NLPL	Garden Village
00NLPM	Gresford East and West
00NLPN	Grosvenor
00NLPP	Gwenfro
00NLPQ	Gwersyllt East and South
00NLPR	Gwersyllt North
00NLPS	Gwersyllt West
00NLPT	Hermitage
00NLPU	Holt
00NLPW	Johnstown
00NLPX	Little Acton
00NLPY	Llangollen Rural

00NLPZ	Llay
00NLQA	Maesydre
00NLQB	Marchwiel
00NLQC	Marford and Hoseley
00NLQD	Minera
00NLQE	New Broughton
00NLQF	Offa
00NLQG	Overton
00NLQH	Pant
00NLQJ	Penycae
00NLQK	Penycae and Ruabon South
00NLQL	Plas Madoc
00NLQM	Ponciau
00NLQN	Queensway
00NLQP	Rhosnesni
00NLQQ	Rossett
00NLQR	Ruabon
00NLQS	Smithfield
00NLQT	Stansty
00NLQU	Whitegate
00NLQW	Wynnstay
00NNQG	Aber-craf
00NNQH	Banwy
00NNQJ	Beguildy
00NNQK	Berriew
00NNQL	Blaen Hafren
00NNQM	Bronllys
00NNQN	Builth
00NNQP	Bwlch
00NNQQ	Caersws
00NNQR	Churchstoke
00NNQS	Crickhowell
00NNQT	Cwm-twrch
00NNQU	Disserth and Trecoed
00NNQW	Dolforwyn
00NNQX	Felin-fâch
00NNQY	Forden
00NNQZ	Glantwymyn
00NNRA	Glasbury
00NNRB	Guilsfield

00NNRC	Gwernyfed
00NNRD	Hay
00NNRE	Kerry
00NNRF	Knighton
00NNRG	Llanafanfawr
00NNRH	Llanbadarn Fawr
00NNRJ	Llanbrynmair
00NNRK	Llandinam
00NNRL	Llandrindod East/Llandrindod West
00NNRM	Llandrindod North
00NNRN	Llandrindod South
00NNRP	Llandrinio
00NNRQ	Llandysilio
00NNRR	Llanelwedd
00NNRS	Llanfair Caereinion
00NNRT	Llanfihangel
00NNRU	Llanfyllin
00NNRW	Llangattock
00NNRX	Llangors
00NNRY	Llangunllo
00NNRZ	Llangynidr
00NNSA	Llanidloes
00NNSB	Llanrhaeadr-ym-Mochnant
00NNSC	Llanrhaeadr-ym-Mochnant/Llansilin
00NNSD	Llansantffraid
00NNSE	Llanwrtyd Wells
00NNSF	Llanyre
00NNSG	Machynlleth
00NNSH	Maescar/Llywel
00NNSJ	Meifod
00NNSK	Montgomery
00NNSL	Nantmel
00NNSM	Newtown Central
00NNSN	Newtown East
00NNSP	Newtown Llanllwchaiarn North
00NNSQ	Newtown Llanllwchaiarn West
00NNSR	Newtown South
00NNST	Old Radnor
00NNSU	Presteigne
00NNSW	Rhayader

00NNSX	Rhiwcynon
00NNSY	St. David Within
00NNSZ	St. John
00NNTA	St. Mary
00NNTB	Talgarth
00NNTC	Talybont-on-Usk
00NNTD	Tawe-Uchaf
00NNT E	Trewern
00NNTF	Welshpool Castle
00NNTG	Welshpool Gungrog
00NNTH	Welshpool Llanerchuddol
00NNTJ	Ynyscedwyn
00NNTK	Yscir
00NNTL	Ystradgynlais
00NQNP	Aberaeron
00NQNQ	Aberporth
00NQNR	Aberteifi/Cardigan - Mwldan
00NQNS	Aberteifi/Cardigan - Rhyd-y-Fuwch
00NQNT	Aberteifi/Cardigan - Teifi
00NQNU	Aberystwyth Bronglais
00NQNW	Aberystwyth Canol/Central
00NQNX	Aberystwyth Gogledd/North
00NQNY	Aberystwyth Penparcau
00NQNZ	Aberystwyth Rheidol
00NQPA	Beulah
00NQPB	Borth
00NQPC	Capel Dewi
00NQPD	Ceulanamaesmawr
00NQPE	Ciliau Aeron
00NQPF	Faenor
00NQPG	Lampeter
00NQPH	Llanarth
00NQPJ	Llanbadarn Fawr - Padarn
00NQPK	Llanbadarn Fawr - Sulien
00NQPL	Llandyfriog
00NQPM	Llandysiliogogo
00NQPN	Llandysul Town
00NQPP	Llanfarian
00NQPQ	Llanfihangel Ystrad
00NQPR	Llangeitho

00NQPS	Llangybi
00NQPT	Llanrhystyd
00NQPU	Llansantffraed
00NQPW	Llanwenog
00NQPX	Lledrod
00NQPY	Melindwr
00NQPZ	New Quay
00NQQA	Penbryn
00NQQB	Pen-parc
00NQQC	Tirymynach
00NQQD	Trefeurig
00NQQE	Tregaron
00NQQF	Troedyraur
00NQQG	Ystwyth
00NSPH	Amroth
00NSPJ	Burton
00NSPK	Camrose
00NSPL	Carew
00NSPM	Cilgerran
00NSPN	Clydau
00NSPP	Crymych
00NSPQ	Dinas Cross
00NSPR	East Williamston
00NSPS	Fishguard North East
00NSPT	Fishguard North West
00NSPU	Goodwick
00NSPW	Haverfordwest: Castle
00NSPX	Haverfordwest: Garth
00NSPY	Haverfordwest: Portfield
00NSPZ	Haverfordwest: Prendergast
00NSQA	Haverfordwest: Priory
00NSQB	Hundleton
00NSQC	Johnston
00NSQD	Kilgetty/Begelly
00NSQE	Lampeter Velfrey
00NSQF	Lamphey
00NSQG	Letterston
00NSQH	Llangwm
00NSQJ	Llanrhian
00NSQK	Maenclochog



00NSQL	Manorbier
00NSQM	Martletwy
00NSQN	Merlin's Bridge
00NSQP	Milford: Central
00NSQQ	Milford: East
00NSQR	Milford: Hakin
00NSQS	Milford: Hubberston
00NSQT	Milford: North
00NSQU	Milford: West
00NSQW	Narberth
00NSQX	Narberth Rural
00NSQY	Newport
00NSQZ	Neyland: East
00NSRA	Neyland: West
00NSRB	Pembroke Dock: Central
00NSRC	Pembroke Dock: Llanion
00NSRD	Pembroke Dock: Market
00NSRE	Pembroke Dock: Pennar
00NSRF	Pembroke: Monkton
00NSRG	Pembroke: St. Mary North
00NSRH	Pembroke: St. Mary South
00NSRJ	Pembroke: St. Michael
00NSRK	Penally
00NSRL	Rudbaxton
00NSRM	St. David's
00NSRN	St. Dogmaels
00NSRP	St. Ishmael's
00NSRQ	Saundersfoot
00NSRR	Scleddau
00NSRS	Solva
00NSRT	Tenby: North
00NSRU	Tenby: South
00NSRW	The Havens
00NSRX	Wiston
00NUPW	Abergwili
00NUPX	Ammanford
00NUPY	Betws
00NUPZ	Bigyn
00NUQA	Burry Port
00NUQB	Bynea

00NUQC	Carmarthen Town North
00NUQD	Carmarthen Town South
00NUQE	Carmarthen Town West
00NUQF	Cenarth
00NUQG	Cilycwm
00NUQH	Cynwyl Elfed
00NUQJ	Cynwyl Gaeo
00NUQK	Dafen
00NUQL	Elli
00NUQM	Felinfoel
00NUQN	Garnant
00NUQP	Glanamman
00NUQQ	Glanymor
00NUQR	Glyn
00NUQS	Gorslas
00NUQT	Hendy
00NUQU	Hengoed
00NUQW	Kidwelly
00NUQX	Laugharne Township
00NUQY	Llanboidy
00NUQZ	Llanddarog
00NURA	Llandeilo
00NURB	Llandovery
00NURC	Llandybie
00NURD	Llanegwad
00NURE	Llanfihangel Aberbythych
00NURF	Llanfihangel-ar-Arth
00NURG	Llangadog
00NURH	Llangeler
00NURJ	Llangennech
00NURK	Llangunnor
00NURL	Llangyndeyrn
00NURM	Llannon
00NURN	Llansteffan
00NURP	Llanybydder
00NURQ	Lliedi
00NURR	Llwynhendy
00NURS	Manordeilo and Salem
00NURT	Pembrey
00NURU	Penygroes

00NURW	Pontamman
00NURX	Pontyberem
00NURY	Quarter Bach
00NURZ	St. Clears
00NUSA	St. Ishmael
00NUSB	Saron
00NUSC	Swiss Valley
00NUSD	Trelech
00NUSE	Trimsaran
00NUSF	Tycroes
00NUSG	Tyisha
00NUSH	Whitland
00NXNW	Bishopston
00NXNX	Bonymaen
00NXNY	Castle
00NXNZ	Clydach
00NXPA	Cockett
00NXPB	Cwmbwrla
00NXPC	Dunvant
00NXPD	Fairwood
00NXPE	Gorseinon
00NXPF	Gower
00NXPG	Gowerton
00NXPH	Killay North
00NXPJ	Killay South
00NXPK	Kingsbridge
00NXPL	Landore
00NXPM	Llangyfelach
00NXPN	Llansamlet
00NXPP	Lower Loughor
00NXPQ	Mawr
00NXPR	Mayals
00NXPS	Morrison
00NXPT	Mynyddbach
00NXPU	Newton
00NXPW	Oystermouth
00NXPX	Penclawdd
00NXPY	Penderry
00NXPZ	Penllergaer
00NXQA	Pennard

00NXQB	Penyrheol
00NXQC	Pontardulais
00NXQD	St. Thomas
00NXQE	Sketty
00NXQF	Townhill
00NXQG	Uplands
00NXQH	Upper Loughor
00NXQJ	West Cross
00NZMA	Aberavon
00NZMB	Aberdulais
00NZMC	Allt-wen
00NZMD	Baglan
00NZME	Blaengwrach
00NZMF	Briton Ferry East
00NZMG	Briton Ferry West
00NZMH	Bryn and Cwmavon
00NZMJ	Bryn-coch North
00NZMK	Bryn-coch South
00NZML	Cadoxton
00NZMM	Cimla
00NZMN	Coedffranc Central
00NZMP	Coedffranc North
00NZMQ	Coedffranc West
00NZMR	Crynant
00NZMS	Cwmllynfell
00NZMT	Cymmer
00NZMU	Dyffryn
00NZMW	Glyncorrwg
00NZMX	Glynneath
00NZMY	Godre'r graig
00NZMZ	Gwaun-Cae-Gurwen
00NZNA	Gwynfi
00NZNB	Lower Brynamman
00NZNC	Margam
00NZND	Neath East
00NZNE	Neath North
00NZNF	Neath South
00NZNG	Onllwyn
00NZNH	Pelelenn
00NZNJ	Pontardawe

00NZNK	Port Talbot
00NZNL	Resolven
00NZNM	Rhos
00NZNN	Sandfields East
00ZNZP	Sandfields West
00ZNZQ	Seven Sisters
00ZNZR	Tai-bach
00ZNZS	Tonna
00ZNZT	Trebanos
00ZNZU	Ystalyfera
00PBNF	Aberkenfig
00PBNG	Bettws
00PBNH	Blackmill
00PBNJ	Blaengarw
00PBNK	Brackla
00PBNL	Bryncethin
00PBNM	Bryncoch
00PBNN	Bryntirion, Laleston and Merthyr Mawr
00PBNP	Caerau
00PBNQ	Cefn Cribwr
00PBNR	Cefn Glas
00PBNS	Coity
00PBNT	Cornelly
00PBNU	Coychurch Lower
00PBNW	Felindre
00PBNX	Hendre
00PBNY	Litchard
00PBNZ	Llangeinor
00PBPA	Llangewydd and Brynhyfryd
00PBPB	Llangynwyd
00PBPC	Maesteg East
00PBPD	Maesteg West
00PBPE	Morfa
00PBPF	Nant-y-moel
00PBPG	Newcastle
00PBPH	Newton
00PBPJ	Nottage
00PBPK	Ogmore Vale
00PBPL	Oldcastle
00PBPM	Pendre

00PBPN	Penprysg
00PBPP	Pen-y-fai
00PBPQ	Pontycymmer
00PBPR	Porthcawl East Central
00PBPS	Porthcawl West Central
00PBPT	Pyle
00PBPU	Rest Bay
00PBPW	Sarn
00PBPX	Ynysawdre
00PDMZ	Baruc
00PDNA	Buttrills
00PDNB	Cadoc
00PDNC	Castleland
00PDND	Cornerswell
00PDNE	Court
00PDNF	Cowbridge
00PDNG	Dinas Powys
00PDNH	Dyfan
00PDNJ	Gibbonsdown
00PDNK	Illtyd
00PDNL	Llandough
00PDNM	Llandow/Ewenny
00PDNN	Llantwit Major
00PDNP	Peterston-super-Ely
00PDNQ	Plymouth
00PDNR	Rhose
00PDNS	St. Athan
00PDNT	St. Augustine's
00PDNU	St. Bride's Major
00PDNW	Stanwell
00PDNX	Sully
00PDNY	Wenvoe
00FFPH	Aberaman North
00FFPJ	Aberaman South
00FFPK	Abercynon
00FFPL	Aberdare East
00FFPM	Aberdare West/Llwydcoed
00FFPN	Beddau
00FFPP	Brynna
00FFPQ	Church Village

00FFPR	Cilfynydd
00FFPS	Cwm Clydach
00FFPT	Cwmbach
00FFPU	Cymmer
00FFPW	Ferndale
00FFPX	Gilfach Goch
00FFPY	Glyncoch
00FFPZ	Graig
00FFQA	Hawthorn
00FFQB	Hirwaun
00FFQC	Llanharan
00FFQD	Llanharry
00FFQE	Llantrisant Town
00FFQF	Llantwit Fardre
00FFQG	Llwyn-y-pia
00FFQH	Maerdy
00FFQJ	Mountain Ash East
00FFQK	Mountain Ash West
00FFQL	Penrhiwceiber
00FFQM	Pentre
00FFQN	Pen-y-graig
00FFQP	Pen-y-waun
00FFQQ	Pont-y-clun
00FFQR	Pontypridd Town
00FFQS	Porth
00FFQT	Rhigos
00FFQU	Rhondda
00FFQW	Rhydfelen Central/Ilan
00FFQX	Taffs Well
00FFQY	Talbot Green
00FFQZ	Ton-teg
00FFRA	Tonypandy
00FFRB	Tonyrefail East
00FFRC	Tonyrefail West
00FFRD	Trallwng
00FFRE	Trealaw
00FFRF	Treforest
00FFRG	Treherbert
00FFRH	Treorchy
00FFRJ	Tylorstown

00PFRK	Tyn-y-nant
00PFRL	Ynyshir
00PFRM	Ynysybwl
00PFRN	Ystrad
00PHMA	Bedlinog
00PHMB	Cyfarthfa
00PHMC	Dowlais
00PHMD	Gurnos
00PHME	Merthyr Vale
00PHMF	Park
00PHMG	Penydarren
00PHMH	Plymouth
00PHMJ	Town
00PHMK	Treharris
00PHML	Vaynor
00PKNP	Aberbargoed
00PKNQ	Abercarn
00PKNR	Aber Valley
00PKNS	Argoed
00PKNT	Bargoed
00PKNU	Bedwas, Trethomas and Machen
00PKNW	Blackwood
00PKNX	Cefn Fforest
00PKNY	Crosskeys
00PKNZ	Crumlin
00PKPA	Darren Valley
00PKPB	Gilfach
00PKPC	Hengoed
00PKPD	Llanbradach
00PKPE	Maesycwmmmer
00PKPF	Morgan Jones
00PKPG	Moriah
00PKPH	Nelson
00PKPJ	Newbridge
00PKPK	New Tredegar
00PKPL	Pengam
00PKPM	Penmaen
00PKPN	Penyrheol
00PKPP	Pontllanfraith
00PKPQ	Pontlottyn



00PKPR	Risca East
00PKPS	Risca West
00PKPT	St. Cattwg
00PKPU	St. James
00PKPW	St. Martins
00PKPX	Twyn Carno
00PKPY	Ynysddu
00PKPZ	Ystrad Mynach
00PLMA	Abertillery
00PLMB	Badminton
00PLMC	Beaufort
00PLMD	Blaina
00PLME	Brynmawr
00PLMF	Cwm
00PLMG	Cwmtillery
00PLMH	Ebbw Vale North
00PLMJ	Ebbw Vale South
00PLMK	Georgetown
00PLML	Llanhilleth
00PLMM	Nantyglo
00PLMN	Rassau
00PLMP	Sirhowy
00PLMQ	Six Bells
00PLMR	Tredegar Central and West
00PMNC	Abersychan
00PMND	Blaenavon
00PMNE	Brynwern
00PMNF	Coed Eva
00PMNG	Croesyceiliog North
00PMNH	Croesyceiliog South
00PMNJ	Cwmyniscoy
00PMNK	Fairwater
00PMNL	Greenmeadow
00PMNM	Llantarnam
00PMNN	Llanyrafon North
00PMNP	Llanyrafon South
00PMNQ	New Inn
00PMNR	Panteg
00PMNS	Pontnewydd
00PMNT	Pontnewynydd

00PMNU	Pontypool
00PMNW	St. Cadocs and Penygarn
00PMNX	St. Dials
00PMNY	Snatchwood
00PMNZ	Trevethin
00PMPA	Two Locks
00MPB	Upper Cwmbran
00PMPC	Wainfelin
00PPNQ	Caerwent
00PPNR	Caldicot Castle
00PPNS	Cantref
00PPNT	Castle
00PPNU	Croesonen
00PPNW	Crucorney
00PPNX	Devauden
00PPNY	Dewstow
00PPNZ	Dixton with Osbaston
00PPPA	Drybridge
00PPPB	Goetre Fawr
00PPPC	Green Lane
00PPPD	Grofield
00PPPE	Lansdown
00PPPF	Larkfield
00PPPG	Llanbadoc
00PPPH	Llanelly Hill
00PPPJ	Llanfoist Fawr
00PPPK	Llangybi Fawr
00PPPL	Llanover
00PPPM	Llantilio Crossenny
00PPPN	Llanwenarth Ultra
00PPPP	Mardy
00PPPQ	Mill
00PPPR	Mitchel Troy
00PPPS	Overmonnow
00PPPT	Portskewett
00PPPU	Priory
00PPPW	Raglan
00PPPX	Rogiet
00PPPY	St. Arvans
00PPPZ	St. Christopher's

00PPQA	St. Kingsmark
00PPQB	St. Mary's
00PPQC	Severn
00PPQD	Shirenewton
00PPQE	The Elms
00PPQF	Thornwell
00PPQG	Trellech United
00PPQH	Usk
00PPQJ	West End
00PPQK	Wyesham
00PRMX	Allt-yr-yn
00PRMY	Alway
00PRMZ	Beechwood
00PRNA	Bettws
00PRNB	Caerleon
00PRNC	Gaer
00PRND	Graig
00PRNE	Langstone
00PRNF	Liswerry
00PRNG	Llanwern
00PRNH	Malpas
00PRNJ	Marshfield
00PRNK	Pillgwenlly
00PRNL	Ringland
00PRNM	Rogerstone
00PRNN	St. Julians
00PRNP	Shaftesbury
00PRNQ	Stow Hill
00PRNR	Tredegar Park
00PRNS	Victoria
00PTNF	Adamsdown
00PTNG	Butetown
00PTNH	Caerau
00PTNJ	Canton
00PTNK	Cathays
00PTNL	Creigiau/St. Fagans
00PTNM	Cyncoed
00PTNN	Ely
00PTNP	Fairwater
00PTNQ	Gabalfa

00PTNR	Grangetown
00PTNS	Heath
00PTNT	Lisvane
00PTNU	Llandaff
00PTNW	Llandaff North
00PTNX	Llanishen
00PTNY	Llanrumney
00PTNZ	Pentwyn
00PTPA	Pentyrch
00PTPB	Penylan
00PTPC	Plasnewydd
00PTPD	Pontprennau/Old St. Mellons
00PTPE	Radyr
00PTPF	Rhiwbina
00PTPG	Riverside
00PTPH	Rumney
00PTPJ	Splott
00PTPK	Trowbridge
00PTPL	Whitchurch and Tongwynlais
00QA01	Pitmedden
00QA02	Bankhead/Stoneywood
00QA03	Danestone
00QA04	Jesmond
00QA05	Oldmachar
00QA06	Bridge of Don
00QA07	Donmouth
00QA08	Newhills
00QA09	Auchmill
00QA10	Cummings Park
00QA11	Springhill
00QA12	Mastrick
00QA13	Sheddocksley
00QA14	Summerhill
00QA15	Hilton
00QA16	Woodside
00QA17	St. Machar
00QA18	Seaton
00QA19	Kittybrewster
00QA20	Stockethill
00QA21	Berryden

00QA22	Sunnybank
00QA23	Pittodrie
00QA24	Midstocket
00QA25	Queens Cross
00QA26	Gilcomston
00QA27	Langstane
00QA28	Castlehill
00QA29	Hazlehead
00QA30	Peterculter
00QA31	Murtle
00QA32	Cults
00QA33	Seafield
00QA34	Ashley
00QA35	Broomhill
00QA36	Garthdee
00QA37	Gairn
00QA38	Duthie
00QA39	Torry
00QA40	Tullos Hill
00QA41	Kincorth West
00QA42	Nigg
00QA43	Loirston
00QB01	Durn
00QB02	Banff West and Boyndie
00QB03	Banff
00QB04	Aberchirder
00QB05	Macduff
00QB06	Gamrie-King Edward
00QB07	Buchan North
00QB08	Fraserburgh West
00QB09	Fraserburgh North
00QB10	Fraserburgh East
00QB11	Fraserburgh South
00QB12	Buchan North East
00QB13	South Buchan
00QB14	Central Buchan
00QB15	Lonmay and St Fergus
00QB16	Mintlaw-Old Deer
00QB17	Mintlaw-Longside
00QB18	Boddam-Inverugie

00QB19	Blackhouse
00QB20	Buchanhaven
00QB21	Peterhead Central-Roanheads
00QB22	Clerkhill
00QB23	Dales-Towerhill
00QB24	Cruden
00QB25	Turriff West
00QB26	Turriff East
00QB27	Upper Ythan
00QB28	Fyvie-Methlick
00QB29	Tarves
00QB30	Ythan
00QB31	Ellon Town
00QB32	Logie Buchan
00QB33	Meldrum
00QB34	Udny-Slains
00QB35	Belhelvie
00QB36	Insch
00QB37	Chapel and Gadie
00QB38	Inverurie North
00QB39	Inverurie Central
00QB40	Inverurie South and Port Elphinstone
00QB41	Kintore and Keithhall
00QB42	Newmachar and Fintray
00QB43	Kemnay
00QB44	Echt
00QB45	Kinellar and Westhill North
00QB46	Westhill Central
00QB47	Elrick
00QB48	Huntly West
00QB49	Huntly East
00QB50	Strathbogie
00QB51	Donside and Cromar
00QB52	Alford
00QB53	Upper Deeside
00QB54	Aboyne
00QB55	Mid Deeside
00QB56	Banchory West
00QB57	Banchory East and Crathes
00QB58	Lower Deeside

00QB59	Portlethen North
00QB60	Portlethen South
00QB61	Newtonhill, Muchalls and Cammachmore
00QB62	Stonehaven North and Fetteresso
00QB63	Stonehaven Central
00QB64	Stonehaven South
00QB65	Mearns North
00QB66	Mearns Central
00QB67	Inverbervie, Gourdon and Johnshaven
00QB68	Mearns South
00QC01	Kirriemuir West
00QC02	Kirriemuir East
00QC03	Brechin West
00QC04	Brechin North Esk
00QC05	Westfield and Dean
00QC06	Forfar West
00QC07	Forfar Central
00QC08	Forfar East
00QC09	Brechin South Esk
00QC10	Montrose Ferryden
00QC11	Montrose Central
00QC12	Montrose West
00QC13	Montrose Hillside
00QC14	Forfar South
00QC15	Letham and Friockheim
00QC16	Sidlaw West
00QC17	Sidlaw East and Ashludie
00QC18	Monifieth West
00QC19	Monifieth Central
00QC20	Carnoustie West
00QC21	Carnoustie Central
00QC22	Carnoustie East
00QC23	Arbirlot and Hospitalfield
00QC24	Keptie
00QC25	Arbroath North
00QC26	Brothock
00QC27	Hayshead and Lunan
00QC28	Harbour
00QC29	Cliffburn
00QD01	South Kintyre

00QD02	Campbeltown Central
00QD03	East Central Kintyre
00QD04	North and West Kintyre
00QD05	Knapdale
00QD06	Lochgilphead
00QD07	Craignish - Glenaray
00QD08	Islay North, Jura and Colonsay
00QD09	Islay South
00QD10	Awe
00QD11	Oban North
00QD12	Oban Central
00QD13	Oban South
00QD14	Ardconnel - Kilmore
00QD15	North Lorn
00QD16	Mull
00QD17	Tiree and Coll
00QD18	Bute North
00QD19	Bute Central
00QD20	Bute South
00QD21	East Lochfyne
00QD22	Kirn and Hunter's Quay
00QD23	Ardenlate
00QD24	Milton
00QD25	Auchamore and Innellan
00QD26	Holy Loch
00QD27	Helensburgh East
00QD28	East Central Helensburgh
00QD29	Helensburgh Central
00QD30	Helensburgh North
00QD31	Helensburgh West
00QD32	West Helensburgh and Rhu
00QD33	Garelochhead and Cove
00QD34	Arrochar, Luss, Arden and Ardenconnel
00QD35	Roseneath, Clynder and Kilcreggan
00QD36	Cardross
00QE01	Eyemouth and District South
00QE02	Chirnside and District
00QE03	Coldstream and District
00QE04	Duns and District South
00QE05	Duns and District North



00QE06	Eyemouth and District North
00QE07	Kelso and District North
00QE08	Kelso Central
00QE09	Kelso and District South
00QE10	Jedburgh and District East
00QE11	Jedburgh and District West
00QE12	Hermitage
00QE13	Burnfoot and Mansfield
00QE14	Silverbuthall
00QE15	Weensland
00QE16	Teviot and Central
00QE17	Wilton
00QE18	Galawater and Lauderdale
00QE19	Earlston, Gordon and District
00QE20	Melrose and District
00QE21	Scott's View
00QE22	Alewater and Denholm
00QE23	Old Selkirk
00QE24	Forest
00QE25	Netherdale
00QE26	Lower Langlee and Tweedbank
00QE27	Upper Langlee and Ladhope
00QE28	Kilnknowe and Clovenfords
00QE29	Mossilee and Central
00QE30	Innerleithen and Walkerburn
00QE31	Peebles and District South
00QE32	Peebles and District East
00QE33	Peebles and Upper Tweed
00QE34	West Linton and District
00QF01	Menstrie
00QF02	Alva North
00QF03	Alva South
00QF04	Tillicoultry West
00QF05	Tillicoultry East
00QF06	Dollar and Muckhart
00QF07	Devon and Clackmannan North
00QF08	Clackmannan
00QF09	Gartmorn
00QF10	Alloa North
00QF11	Alloa East

00QF12	Alloa Mar
00QF13	Alloa West
00QF14	Alloa Claremont
00QF15	Fairfield
00QF16	Muirside
00QF17	St Serf's
00QF18	Delph and Cambus
00QG01	Whitecrook
00QG02	Dalmuir/Central
00QG03	Mountblow
00QG04	Parkhall
00QG05	Linnvale/Drumry
00QG06	Kilbowie
00QG07	Kilbowie West
00QG08	Faifley
00QG09	Hardgate
00QG10	Duntocher
00QG11	Bowling/Milton/Old Kilpatrick
00QG12	Dumbarton East
00QG13	Barloan/Overtoun
00QG14	Dumbarton North
00QG15	Dumbarton Central
00QG16	Dumbarton West
00QG17	Renton/Alexandria South
00QG18	Alexandria North/Tullichewan
00QG19	Balloch
00QG20	Haldane/Kilmarnock/Jamestown
00QG21	Bonhill East
00QG22	Riverside
00QH01	Rhins South
00QH02	Rhins North
00QH03	Stranraer North
00QH04	Stranraer South
00QH05	Stranraer East
00QH06	Luce
00QH07	Whithorn
00QH08	Wigtown
00QH09	Cree
00QH10	Stewartry West
00QH11	Kirkcudbright - Tarff

00QH12	Kirkcudbright - Bengairn
00QH13	Stewartry North
00QH14	Castle Douglas - Dee
00QH15	Castle Douglas - Urr
00QH16	Dalbeattie - Craignair
00QH17	Dalbeattie - Milton
00QH18	Criffel
00QH19	Cairn Valley
00QH20	Sanquhar and District
00QH21	Kirkconnel
00QH22	Mid Nithsdale
00QH23	Lincluden
00QH24	Lochside
00QH25	Palmerston
00QH26	Maxwelltown
00QH27	Troqueer
00QH28	Loreburn
00QH29	Marchmount
00QH30	Lochar
00QH31	Heathhall
00QH32	Nithsdale East
00QH33	Georgetown
00QH34	Lochvale
00QH35	Caerlaverock
00QH36	Hoddum and Kinmount
00QH37	Annan West
00QH38	Annan Central
00QH39	Annan East
00QH40	Chapelcross
00QH41	Solway Border
00QH42	Canonbie and Kirtle
00QH43	Langholm and Upper Eskdale
00QH44	Dryfe and Lockerbie East
00QH45	Lockerbie and Upper Annandale
00QH46	Lochmaben
00QH47	Moffat
00QJ01	Ninewells
00QJ02	Camperdown
00QJ03	Balgay
00QJ04	Lochee West

00QJ05	Riverside
00QJ06	Brackens
00QJ07	Ardler
00QJ08	Balgowan
00QJ09	Claverhouse
00QJ10	Whitfield
00QJ11	Longhaugh
00QJ12	Pitkerro
00QJ13	Douglas
00QJ14	Barnhill
00QJ15	Balgillo
00QJ16	Broughty Ferry
00QJ17	West Ferry
00QJ18	Craigiebank
00QJ19	Strathmartine
00QJ20	Lochee East
00QJ21	Tay Bridges
00QJ22	Logie
00QJ23	Law
00QJ24	East Port
00QJ25	Baxter Park
00QJ26	Hilltown
00QJ27	Bowbridge
00QJ28	Stobswell
00QJ29	Fairmuir
00QK01	Stewarton East and Dunlop
00QK02	Stewarton Central
00QK03	Kilmaurs and Stewarton South
00QK04	North Kilmarnock, Fenwick and Waterside
00QK05	Crosshouse, Gatehead and Knockentiber
00QK06	Altonhill, Hillhead and Longpark
00QK07	Onthank
00QK08	Kilmarnock Central West
00QK09	Kilmarnock Central East
00QK10	North New Farm Loch and Dean
00QK11	South New Farm Loch
00QK12	Crookedholm, Moscow, Galston West and Hurlford North
00QK13	Newmilns
00QK14	Grange/Howard
00QK15	Kilmarnock Central South

00QK16	Riccarton
00QK17	Shortlees
00QK18	Bellfield
00QK19	Hurlford
00QK20	Galston East
00QK21	Darvel
00QK22	Mauchline
00QK23	Catrine, Sorn and Mauchline East
00QK24	Muirkirk, Lugar, Logan
00QK25	Drongan, Stair and Rankinston
00QK26	Ochiltree, Skares, Netherthird and Craigens
00QK27	Auchinleck
00QK28	Cumnock West
00QK29	Cumnock East
00QK30	Patna and Dalrymple
00QK31	Dalmellington
00QK32	New Cumnock
00QL01	Barloch
00QL02	Clober
00QL03	Keystone
00QL04	Baljaffray/Mosshead
00QL05	Bearsden
00QL06	Castlehill/Thorn
00QL07	Chapelton
00QL08	Westerton
00QL09	Kessington
00QL10	West Kirkintilloch and Torrance
00QL11	Hillhead and Broomhill
00QL12	Rosebank and Waterside
00QL13	East Harestanes and Twechar
00QL14	Kirkintilloch Central
00QL15	Lenzie
00QL16	South Lenzie
00QL17	Campsie
00QL18	Milton
00QL19	Kenmure and Baldernock
00QL20	Balmuildy and Park
00QL21	Cadder/Langbrae
00QL22	Auchinairn and Crowhill
00QL23	Woodhill West

00QL24	Woodhill East
00QM01	Musselburgh West
00QM02	Musselburgh South
00QM03	Musselburgh North
00QM04	Musselburgh Central
00QM05	Musselburgh East
00QM06	Wallyford/Whitecraig
00QM07	Prestonpans West
00QM08	Prestonpans East
00QM09	Cockenzie and Port Seton
00QM10	Longniddry
00QM11	Tranent West
00QM12	Tranent/Macmerry
00QM13	Tranent/Elphinstone
00QM14	Ormiston/Pencaitland
00QM15	Aberlady/Gullane/Dirleton
00QM16	Haddington West/Saltoun
00QM17	Haddington Central
00QM18	Haddington East/Athelstaneford
00QM19	East Linton/Gifford
00QM20	North Berwick West
00QM21	North Berwick East
00QM22	Dunbar/West Barns
00QM23	Dunbar East
00QN01	Liboside
00QN02	Barrhead North
00QN03	North Neilston and West Arthurlie
00QN04	Barrhead Central
00QN05	Barrhead East
00QN06	Auchenback
00QN07	Greenfarm
00QN08	Thornliebank
00QN09	Giffnock North
00QN10	Merrylea Park
00QN11	Netherlee
00QN12	Crookfur
00QN13	Giffnock South
00QN14	Stamperland
00QN15	Broom
00QN16	Kirkhill

00QN17	Clarkston
00QN18	Busby
00QN19	Mearns
00QN20	Eaglesham
00QP01	Balerno
00QP02	Baberton
00QP03	Dalmeny/Kirkliston
00QP04	Queensferry
00QP05	Cramond
00QP06	Davidson's Mains
00QP07	Muirhouse/Drylaw
00QP08	Craigleith
00QP09	Pilton
00QP10	Granton
00QP11	Trinity
00QP12	Newhaven
00QP13	East Craigs
00QP14	N.E. Corstorphine
00QP15	Murrayfield
00QP16	Dean
00QP17	Stockbridge
00QP18	New Town
00QP19	Broughton
00QP20	Calton
00QP21	Harbour
00QP22	Lorne
00QP23	Gyle
00QP24	S.E. Corstorphine
00QP25	Parkhead
00QP26	Craiglockhart
00QP27	Stenhouse
00QP28	Moat
00QP29	Shandon
00QP30	Dalry
00QP31	Fountainbridge
00QP32	Tollcross
00QP33	Southside
00QP34	Holyrood
00QP35	Meadowbank
00QP36	Mountcastle

00QP37	Leith Links
00QP38	Restalrig
00QP39	Portobello
00QP40	Milton
00QP41	Murray Burn
00QP42	Sighthill
00QP43	Colinton
00QP44	Firrhill
00QP45	Merchiston
00QP46	North Morningside/Grange
00QP47	Marchmont
00QP48	Sciennes
00QP49	Newington
00QP50	Prestonfield
00QP51	South Morningside
00QP52	Fairmilehead
00QP53	Alnwickhill
00QP54	Kaimes
00QP55	Moredun
00QP56	Gilmerton
00QP57	Craigmillar
00QP58	Duddingston
00QQ01	Camelon
00QQ02	Summerford
00QQ03	Woodlands
00QQ04	Town Centre
00QQ05	Hall Glen
00QQ06	Dawson
00QQ07	Grahamsford
00QQ08	Middlefield
00QQ09	Zetland
00QQ10	Beancross
00QQ11	Inchyra
00QQ12	Dundas/Kerse
00QQ13	Grange and Blackness
00QQ14	Dean
00QQ15	Borrowstoun
00QQ16	Kinneil and Whitecross
00QQ17	Forthside
00QQ18	Kinnaird



00QQ19	Carrongrange
00QQ20	Tryst
00QQ21	Larbert
00QQ22	Herbertshire
00QQ23	Denny
00QQ24	Denny South
00QQ25	Bonnybridge
00QQ26	Banknock
00QQ27	Laurieston
00QQ28	Polmont
00QQ29	Redding and Westquarter
00QQ30	Darnrig
00QQ31	Reddingmuirhead, Brightons and Rumford
00QQ32	Avon
00QR01	Kincardine, Culross and Low Valleyfield
00QR02	Blairhall, High Valleyfield and Torryburn
00QR03	Oakley, Saline and Steelend
00QR04	Cairneyhill, Carnock and Milesmark
00QR05	Crossford and Dunfermline Central
00QR06	Baldridgeburn
00QR07	Wellwood and Headwell
00QR08	Townhill and Bellyeoman
00QR09	Garvock and Carnegie
00QR10	Halbeath, Hill of Beath and Kingseat
00QR11	Woodmill
00QR12	Linburn
00QR13	Brucefield and Nethertown
00QR14	Pitcorthie
00QR15	Limekilns and Pitreavie
00QR16	Rosyth West
00QR17	Rosyth East
00QR18	Inverkeithing West and Rosyth South
00QR19	Inverkeithing East and North Queensferry
00QR20	Dalgety Bay West and Hillend
00QR21	Dalgety Bay East
00QR22	Crossgates and Mossie
00QR23	Cowdenbeath Central
00QR24	Oakfield and Cowdenbeath North
00QR25	Kelty
00QR26	Ballingry and Lochore

00QR27	Crosshill and Lochgelly North
00QR28	Lumphinnans and Lochgelly South
00QR29	Aberdour and Burntisland West
00QR30	Auchtertool and Burntisland East
00QR31	Kinghorn and Inveriel
00QR32	Linktown and Kirkcaldy Central
00QR33	Raith and Longbraes
00QR34	Bennochty and Valley
00QR35	Templehall East
00QR36	Templehall West
00QR37	Cardenden, Cluny and Chapel
00QR38	Kinglassie, Bowhill and Dundonald
00QR39	Dunnikier
00QR40	Hayfield and Balsusney
00QR41	Smeaton and Overton
00QR42	Glebe Park, Pathhead and Sinclairtown
00QR43	Dysart and Gallatown
00QR44	Wemyss and Muiredge
00QR45	Buckhaven and Denbeath
00QR46	Methilhill
00QR47	Methil
00QR48	Leven East
00QR49	Leven West and Kirkland
00QR50	Kennoway
00QR51	Windygates, Star and Balgonie
00QR52	Markinch and Woodside East
00QR53	Auchmuty and Woodside West
00QR54	Pitteuchar and Finglassie North
00QR55	Thornton, Stenton and Finglassie South
00QR56	Caskieberran and Rimbleton
00QR57	Newcastle and Tanshall
00QR58	South Parks and Macedonia
00QR59	Leslie and Whinnyknowe
00QR60	Balgeddie and Collydean
00QR61	Cadham, Pitcoudie and Balfarg
00QR62	Falkland, Freuchie and Strathmiglo
00QR63	Auchtermuchty and Ladybank
00QR64	Kettle, Springfield and Ceres
00QR65	Cupar South
00QR66	Cupar North

00QR67	Newburgh and Tay Coast
00QR68	Newport-on-Tay and Wormit
00QR69	Tayport and Motray
00QR70	Leuchars, Balmullo and Guardbridge
00QR71	Strathkinness and St Andrews West
00QR72	St Andrews Central
00QR73	St Andrews South
00QR74	St Andrews South East
00QR75	Crail, Cameron and Kemback
00QR76	Anstruther and East Neuk Landward
00QR77	Elie, St Monans and Pittenweem
00QR78	Largo
00QS01	Drumry
00QS02	Summerhill
00QS03	Blairdardie
00QS04	Knightswood Park
00QS05	Knightswood South
00QS06	Yoker
00QS07	Anniesland
00QS08	Jordanhill
00QS09	Kelvindale
00QS10	Scotstoun
00QS11	Victoria Park
00QS12	Hayburn
00QS13	Hyndland
00QS14	Hillhead
00QS15	Partick
00QS16	Kelvingrove
00QS17	Anderston
00QS18	Woodlands
00QS19	North Kelvin
00QS20	Wyndford
00QS21	Maryhill
00QS22	Summerston
00QS23	Milton
00QS24	Ashfield
00QS25	Firhill
00QS26	Keppochhill
00QS27	Merchant City
00QS28	Royston

00QS29	Cowlairs
00QS30	Springburn
00QS31	Wallacewell
00QS32	Milnbank
00QS33	Dennistoun
00QS34	Calton
00QS35	Bridgeton/Dalmarnock
00QS36	Parkhead
00QS37	Carntyne
00QS38	Robroyston
00QS39	Gartcraig
00QS40	Queenslie
00QS41	Greenfield
00QS42	Barlanark
00QS43	Shettleston
00QS44	Tollcross Park
00QS45	Braidfauld
00QS46	Mount Vernon
00QS47	Baillieston
00QS48	Garrowhill
00QS49	Garthamlock
00QS50	Easterhouse
00QS51	Drumoyne
00QS52	Govan
00QS53	Ibrox
00QS54	Kingston
00QS55	Mosspark
00QS56	North Cardonald
00QS57	Penilee
00QS58	Cardonald
00QS59	Pollok
00QS60	Crookston
00QS61	Nitshill
00QS62	Darnley
00QS63	Carnwadric
00QS64	Maxwell Park
00QS65	Pollokshields East
00QS66	Hutchesontown
00QS67	Govanhill
00QS68	Strathbungo

00QS69	Battlefield
00QS70	Langside
00QS71	Pollokshaws
00QS72	Newlands
00QS73	Cathcart
00QS74	Mount Florida
00QS75	Toryglen
00QS76	King's Park
00QS77	Castlemilk
00QS78	Carmunnock
00QS79	Glenwood
00QT01	Caithness North West
00QT02	Thurso West
00QT03	Thurso Central
00QT04	Thurso East
00QT05	Caithness Central
00QT06	Caithness North East
00QT07	Wick
00QT08	Wick West
00QT09	Pulteneytown
00QT10	Caithness South East
00QT11	Sutherland North West
00QT12	Tongue and Farr
00QT13	Sutherland Central
00QT14	Golspie and Rogart
00QT15	Brora
00QT16	Dornoch Firth
00QT17	Lochbroom
00QT18	Alness and Ardross
00QT19	Tain West
00QT20	Tain East
00QT21	Seaboard
00QT22	Invergordon
00QT23	Rosskeen and Saltburn
00QT24	Gairloch
00QT25	Lochcarron
00QT26	Ferindonald
00QT27	Strathpeffer and Strathconon
00QT28	Dingwall South
00QT29	Dingwall North

00QT30	Muir of Ord
00QT31	Conon and Maryburgh
00QT32	Knockbain and Killearnan
00QT33	Black Isle North
00QT34	Avoch Fortrose
00QT35	Snizort and Trotternish
00QT36	Skye West
00QT37	Portree
00QT38	Skye Central
00QT39	Kyle and Sleat
00QT40	Kinlochshiel
00QT41	Beaully and Strathglass
00QT42	Kirkhill
00QT43	Scorguie
00QT44	Muirtown
00QT45	Merkinch
00QT46	Inverness Central
00QT47	Culloden
00QT48	Ardersier, Croy and Petty
00QT49	Loch Ness West
00QT50	Inverness West
00QT51	Canal
00QT52	Ballifeary
00QT53	Lochardil
00QT54	Hilton
00QT55	Milton
00QT56	Crown
00QT57	Raigmore
00QT58	Loch Ness East
00QT59	Culduthel
00QT60	Inshes
00QT61	Drumossie
00QT62	Westhill and Smithton
00QT63	Balloch
00QT64	Nairn Alltan
00QT65	Nairn Ninian
00QT66	Nairn Cawdor
00QT67	Nairn Auldearn
00QT68	Badenoch West
00QT69	Badenoch East

00QT70	Strathspey South
00QT71	Strathspey North East
00QT72	Grantown on Spey
00QT73	Mallaig and Small Isles
00QT74	Kilmallie and Invergarry
00QT75	Claggan and Glen Spean
00QT76	Ardnamurchan and Morvern
00QT77	Caol
00QT78	Fort William North
00QT79	Fort William South
00QT80	Glencoe
00QU01	Ward 1
00QU02	Ward 2
00QU03	Ward 3
00QU04	Ward 4
00QU05	Ward 5
00QU06	Ward 6
00QU07	Ward 7
00QU08	Ward 8
00QU09	Ward 9
00QU10	Ward 10
00QU11	Ward 11
00QU12	Ward 12
00QU13	Ward 13
00QU14	Ward 14
00QU15	Ward 15
00QU16	Ward 16
00QU17	Ward 17
00QU18	Ward 18
00QU19	Ward 19
00QU20	Ward 20
00QW01	Penicuik South West
00QW02	Penicuik North
00QW03	Penicuik/Roslin
00QW04	Penicuik South East
00QW05	Bilston/Roslin
00QW06	Loanhead
00QW07	Poltonhall/Rosewell
00QW08	Bonnyrigg North
00QW09	Bonnyrigg South

00QW10	Newtongrange
00QW11	Arniston/Cockpen
00QW12	Gorebridge South
00QW13	Dalkeith/Newton
00QW14	Dalkeith/Eskbank
00QW15	Dalkeith/Woodburn
00QW16	Newbattle/Pathhead
00QW17	Easthouses/Mayfield North
00QW18	Mayfield South
00QX01	Elgin - Bishopmill West
00QX02	Elgin - Bishopmill East
00QX03	Elgin - Cathedral
00QX04	Elgin - Central West
00QX05	New Elgin West
00QX06	New Elgin East
00QX07	Forres East
00QX08	Forres Central
00QX09	Finderne
00QX10	Forres West and Altyre
00QX11	Burghsea
00QX12	Heldon and Laich
00QX13	Lossiemouth East
00QX14	Lossiemouth West
00QX15	Lhanbryde and Birnie
00QX16	Innes
00QX17	Lennox
00QX18	Buckie West
00QX19	Buckie Central
00QX20	Buckie East and Findochty
00QX21	Rathford
00QX22	Fife - Keith and Strathisla
00QX23	Keith
00QX24	Rural Keith and Rothes
00QX25	Speyside
00QX26	Glenlivet
00QY01	Irvine West
00QY02	Irvine Townhead
00QY03	Irvine Vineburgh and Woodlands South
00QY04	Irvine North
00QY05	Eglinton and Lawthorn



00QY06	Dreghorn
00QY07	Irvine Landward
00QY08	Bourtreehill
00QY09	Woodlands North and Girdle Toll
00QY10	Kilwinning East
00QY11	Kilwinning South
00QY12	Kilwinning West
00QY13	Stevenston North
00QY14	Stevenston South
00QY15	Beith
00QY16	Dalry
00QY17	Garnock East
00QY18	Kilbirnie South
00QY19	Kilbirnie North
00QY20	Saltcoats East
00QY21	South Beach
00QY22	Saltcoats North
00QY23	Ardrossan South
00QY24	Ardrossan North
00QY25	West Kilbride
00QY26	Largs South and Fairlie
00QY27	Largs West and Cumbrae
00QY28	Largs East
00QY29	Largs North and Skelmorlie
00QY30	Arran
00QZ01	Ladywell
00QZ02	Calder Valley
00QZ03	Forgewood
00QZ04	North Motherwell
00QZ05	New Stevenston and Carfin
00QZ06	Craigneuk
00QZ07	Belhaven
00QZ08	Stewarton
00QZ09	Cambusnethan
00QZ10	Coltness
00QZ11	Watsonville
00QZ12	Knowetop
00QZ13	Muirhouse and Netherton
00QZ14	Pather and Gowkthrapple
00QZ15	Garrion

00QZ16	Newmains
00QZ17	Stane
00QZ18	Dykehead
00QZ19	Cleland
00QZ20	Benhar
00QZ21	Tannochside
00QZ22	Fallside
00QZ23	Viewpark
00QZ24	Bellshill North
00QZ25	Orbiston
00QZ26	Mossend West and Thorndean
00QZ27	Holytown
00QZ28	Mossend East and New Stevenston North
00QZ29	Newarthill
00QZ30	Hattonrig
00QZ31	Townhead
00QZ32	Blairpark
00QZ33	North Central and Glenboig
00QZ34	Coatbridge Central
00QZ35	Sikeside and Carnbroe
00QZ36	Bargeddie and Langloan
00QZ37	Kirkwood
00QZ38	Kirkshaws
00QZ39	Shawhead
00QZ40	Old Monkland
00QZ41	Whinhall
00QZ42	Academy
00QZ43	Airdrie Central
00QZ44	Clarkston
00QZ45	New Monkland West
00QZ46	Plains and Caldercruix
00QZ47	North Cairnhill and Coatdyke
00QZ48	South East Cairnhill and Gartlea
00QZ49	Craigneuk and Petersburn
00QZ50	Calderbank
00QZ51	Chapelhall
00QZ52	Salsburgh
00QZ53	Kildrum and Park
00QZ54	Seafar and The Village
00QZ55	Balloch East and Ravenswood

00QZ56	Balloch West, Blackwood East and Craigmarloch
00QZ57	Westerwood, Carrickstone and Dullatur
00QZ58	Abronhill South
00QZ59	Abronhill Central and North
00QZ60	Carbrain East
00QZ61	Carbrain West and Greenfaulds
00QZ62	Condorrat Central
00QZ63	Condorrat North and Westfield
00QZ64	Croy, Kilsyth South and Smithstone
00QZ65	Queenzieburn and Kilsyth West
00QZ66	Banton and Kilsyth East
00QZ67	Moodiesburn East and Blackwood West
00QZ68	Moodiesburn West and Gartcosh
00QZ69	Chryston and Auchinloch
00QZ70	Stepps
00RA01	Pickaquoy
00RA02	Berstane and Work
00RA03	Warrenfield
00RA04	Lynnfield
00RA05	Brandyquoy
00RA06	Papdale
00RA07	Scapa and Kirkwall South West
00RA08	Shapinsay and Kirkwall Harbour
00RA09	Stromness North
00RA10	Stromness South, Graemsay and North Hoy
00RA11	Orphir, Walls and Flotta
00RA12	Firth and Sunnybrae
00RA13	Harray and Stenness
00RA14	Evie, Rendall, Rousay, Egilsay and Wyre
00RA15	Birsay and Dounby
00RA16	Sandwick and Stromness Landward
00RA17	St Andrew's Deerness and Wideford
00RA18	Holm and Burray
00RA19	South Ronaldsay
00RA20	Sanday, North Ronaldsay and Stronsay
00RA21	Papa Westray, Westray and Eday
00RB01	Rannoch and Atholl
00RB02	Pitlochry
00RB03	Rattray and Glenshee
00RB04	Alyth and Old Rattray

00RB05	Coupar Angus and Meikle
00RB06	Rosemount
00RB07	Blairgowrie
00RB08	Kinclaven and Clunie
00RB09	Strathtay and Dunkeld
00RB10	Breadalbane
00RB11	Comrie
00RB12	Crieff North
00RB13	Crieff South
00RB14	Strathord and Logiealmond
00RB15	Strathalmond
00RB16	Scone
00RB17	Dunsinnan
00RB18	East Carse
00RB19	Central Carse
00RB20	Barnhill and West Carse
00RB21	Pictstonhill
00RB22	North Inch
00RB23	Muirton
00RB24	North Muirton
00RB25	Hillyland
00RB26	Ruthven Park
00RB27	North Letham
00RB28	South Letham
00RB29	Wellshill
00RB30	Oakbank
00RB31	Craigie
00RB32	South Inch
00RB33	Moncreiffe and Friarton
00RB34	Earn
00RB35	Auchterarder Mid Earn
00RB36	Strathallan and Glendevon
00RB37	Auchterarder Craig Rossie
00RB38	Abernethy and Glenfarg
00RB39	Milnathort and North Kinross
00RB40	Kinross Town
00RB41	Kinross-shire
00RC01	Shortroods
00RC02	St. James
00RC03	Ferguslie

00RC04	Linwood East
00RC05	Linwood West
00RC06	Brediland
00RC07	Foxbar
00RC08	Stanely
00RC09	Glenburn South
00RC10	Glenburn North
00RC11	Paisley Central
00RC12	Lounsdale and Millarston
00RC13	Castlehead
00RC14	Saucel and Hunterhill
00RC15	Lochfield
00RC16	Seedhill
00RC17	Blackhall and Hawkhead
00RC18	Gallowhill and Whitehaugh
00RC19	Sandyford
00RC20	Ralston
00RC21	Johnstone Central
00RC22	Johnstone Cochranemill
00RC23	Johnstone Castle
00RC24	Johnstone West
00RC25	Elderslie
00RC26	Blythswood
00RC27	Deanside
00RC28	Townhead
00RC29	Arkleston and Newmains
00RC30	Moorpark
00RC31	Lochwinnoch and Howwood
00RC32	Bridge of Weir South and Brookfield
00RC33	Kilbarchan
00RC34	Bridge of Weir North and Craigends
00RC35	Houston and Langbank
00RC36	Erskine S.E. and Inchinnan
00RC37	Parkmains
00RC38	Erskine Central
00RC39	Erskine West
00RC40	Bishopton
00RD01	Sound
00RD02	Clickimin
00RD03	North Central

00RD04	Breivick
00RD05	South Central
00RD06	Harbour and Bressay
00RD07	North
00RD08	Upper Sound, Gulberwick and Quarff
00RD09	Unst and Island of Fetlar
00RD10	Yell
00RD11	Northmavine, Muckle Roe and Busta
00RD12	Delting West
00RD13	Delting East and Lunnasting
00RD14	Nesting, Whiteness, Girlsta and Gott
00RD15	Scalloway
00RD16	Whalsay/Skerries
00RD17	Sandsting, Aithsting and Weisdale
00RD18	Walls, Sandness and Clousta
00RD19	Burra/Trondra
00RD20	Cunningsburgh and Sandwick
00RD21	Sandwick, Levenwick and Bigton
00RD22	Dunrossness
00RE01	Troon North
00RE02	Troon West
00RE03	Troon East
00RE04	Troon South
00RE05	Prestwick St Ninian's
00RE06	Prestwick St Cuthbert's and Monkton
00RE07	Prestwick St Nicholas'
00RE08	Prestwick Kingcase
00RE09	Prestwick Toll
00RE10	Ayr Newton
00RE11	Ayr Lochside
00RE12	Ayr Whitletts
00RE13	Ayr Craigie
00RE14	Ayr Central
00RE15	Ayr Fort
00RE16	Ayr Old Belmont
00RE17	Ayr Forehill
00RE18	Ayr Masonhill
00RE19	Ayr Belmont
00RE20	Ayr Doonfoot and Seafield
00RE21	Ayr Rozelle

00RE22	Dundonald and Loans
00RE23	Tarbolton Symington Craigie
00RE24	Annbank Mossblown St Quivox
00RE25	Coylton and Minishant
00RE26	North Carrick and Maybole West
00RE27	North Carrick and Maybole East
00RE28	South Carrick
00RE29	Girvan Ailsa
00RE30	Girvan Glendoune
00RF01	Lanark North
00RF02	Lanark South
00RF03	Lesmahagow
00RF04	Blackwood
00RF05	Clyde Valley
00RF06	Biggar/Symington and Black Mount
00RF07	Duneaton/Carmichael
00RF08	Carstairs/Carnwath
00RF09	Douglas
00RF10	Carluke/Whitehill
00RF11	Carluke/Crawforddyke
00RF12	Forth
00RF13	Law/Carluke
00RF14	Long Calderwood
00RF15	Calderglen
00RF16	Blacklaw
00RF17	Morrishall
00RF18	Maxwellton
00RF19	East Mains
00RF20	West Mains
00RF21	Duncanrig
00RF22	Westwoodhill
00RF23	Headhouse
00RF24	Heatheryknowe
00RF25	Greenhills
00RF26	Whitehills
00RF27	Hairmyres/Crosshouse
00RF28	Mossneuk/Kittoch
00RF29	Stewartfield
00RF30	Lindsay
00RF31	Avondale North

00RF32	Avondale South
00RF33	Blantyre West
00RF34	Coatshill/Low Blantyre
00RF35	Burnbank/Blantyre
00RF36	High Blantyre
00RF37	Hamilton Centre North
00RF38	Whitehill
00RF39	Bothwell South
00RF40	Uddingston South/Bothwell
00RF41	Uddingston
00RF42	Hillhouse
00RF43	Udston
00RF44	Wellhall/Earnock
00RF45	Earnock
00RF46	Woodhead/Meikle Earnock
00RF47	Hamilton Centre/Ferniegair
00RF48	Low Waters
00RF49	Silvertonhill
00RF50	Cadzow
00RF51	Dalserf
00RF52	Larkhall East
00RF53	Larkhall West
00RF54	Larkhall South
00RF55	Stonehouse
00RF56	Rutherglen West
00RF57	Stonelaw
00RF58	Bankhead
00RF59	Spittal/Blairbeth
00RF60	Burgh
00RF61	Cairns
00RF62	Hallside
00RF63	Cambuslang Central
00RF64	Cathkin/Springhall
00RF65	Fernhill
00RF66	Kirkhill/Whitlawburn
00RF67	Eastfield
00RG01	Bridge of Allan
00RG02	Logie
00RG03	Wallace
00RG04	Raploch



00RG05	Town Centre
00RG06	Argyll
00RG07	King's Park and Cambusbarron
00RG08	Torbrex
00RG09	Broomridge
00RG10	Borestone
00RG11	Bannockburn West
00RG12	Bannockburn East
00RG13	Polmaise
00RG14	Sauchenford
00RG15	Dunblane West
00RG16	Dunblane East
00RG17	Highland
00RG18	Teith
00RG19	Trossachs
00RG20	Campsies
00RG21	Strathendrick
00RG22	Blane Valley
00RH01	St Michael's
00RH02	Kingsfield
00RH03	Preston
00RH04	Boghall
00RH05	Oatridge
00RH06	Armadale West
00RH07	Armadale Central
00RH08	Easton
00RH09	Newland
00RH10	Durhamtoun
00RH11	Deans
00RH12	Knightsridge
00RH13	Ladywell
00RH14	Kirkton
00RH15	Carmondean
00RH16	Howden
00RH17	Craigshill
00RH18	Dedridge
00RH19	Murieston
00RH20	Polkemmet
00RH21	Croftmalloch
00RH22	Almond

00RH23	Blackburn
00RH24	Houstoun
00RH25	Calderwood
00RH26	Middleton
00RH27	Strathbrock
00RH28	Fauldhouse
00RH29	Breich Valley
00RH30	Limefield
00RH31	East Calder
00RH32	Linhouse
00RJ01	Port of Ness
00RJ02	Dell
00RJ03	Barvas and Arnol
00RJ04	Shawbost
00RJ05	Carloway
00RJ06	Uig
00RJ07	Gress
00RJ08	Coll
00RJ09	Blackwater
00RJ10	Laxdale
00RJ11	Coulregrein
00RJ12	Castle
00RJ13	Manor Park
00RJ14	Goathill
00RJ15	Bayhead
00RJ16	Newton
00RJ17	Plasterfield
00RJ18	Braighe
00RJ19	Knock and Bayble
00RJ20	Tiumpan
00RJ21	North Lochs
00RJ22	Lochs
00RJ23	Harris West
00RJ24	Harris East
00RJ25	Paible
00RJ26	Lochmaddy
00RJ27	North Benbecula
00RJ28	Eochar
00RJ29	Loch Eynort
00RJ30	Daliburgh and Eriskay

00RJ31	Barra and Vatersay
09UCGH	Ampthill
09UCGJ	Arlesey
09UCGK	Aspley Guise
09UCGL	Biggleswade Holme
09UCGM	Biggleswade Ivel
09UCGN	Biggleswade Stratton
09UCGP	Clifton and Meppershall
09UCGQ	Cranfield
09UCGR	Flitton, Greenfield and Pulloxhill
09UCGS	Flitwick East
09UCGT	Flitwick West
09UCGU	Harlington
09UCGW	Houghton, Haynes, Southill and Old Warden
09UCGX	Langford and Henlow Village
09UCGY	Marston
09UCGZ	Maulden and Clophill
09UCHA	Northill and Blunham
09UCHB	Potton and Wensley
09UHC	Sandy Ivel
09UCHD	Sandy Pinnacle
09UCHE	Shefford, Campton and Gravenhurst
09UCHF	Shillington, Stondon and Henlow Camp
09UCHG	Silsoe
09UCHH	Stotfold
09UCHJ	Westoning and Tingrith
09UCHK	Woburn
09UDGE	Brickhill
09UDGF	Bromham
09UDGG	Carlton
09UDGH	Castle
09UDGJ	Cauldwell
09UDGK	Clapham
09UDGL	De Parys
09UDGM	Eastcotts
09UDGN	Goldington
09UDGP	Great Barford
09UDGQ	Harpur
09UDGR	Harrold
09UDGS	Kempston East

09UDGT	Kempston North
09UDGU	Kempston South
09UDGW	Kingsbrook
09UDGX	Newnham
09UDGY	Oakley
09UDGZ	Putnoe
09UDHA	Queen's Park
09UDHB	Riseley
09UDHC	Roxton
09UDHD	Sharnbrook
09UDHE	Turvey
09UDHF	Wilshamstead
09UDHG	Wootton
09UEGC	All Saints
09UEGD	Barton-le-Clay
09UEGE	Caddington, Hyde and Slip End
09UEGF	Chiltern
09UEGG	Dunstable Central
09UEGH	Eaton Bray
09UEGJ	Grovebury
09UEGK	Heath and Reach
09UEGL	Houghton Hall
09UEGM	Icknield
09UEGN	Kensworth and Totternhoe
09UEGP	Linslade
09UEGQ	Manshead
09UEGR	Northfields
09UEGS	Parkside
09UEGT	Planets
09UEGU	Plantation
09UEGW	Southcott
09UEGX	Stanbridge
09UEGY	Streatley
09UEGZ	Tithe Farm
09UEHA	Toddington
09UEHB	Watling
11UBGR	Aston Clinton
11UBGS	Aylesbury Central
11UBGT	Bedgrove
11UBGU	Bierton

11UBGW	Brill
11UBGX	Buckingham North
11UBGY	Buckingham South
11UBGZ	Cheddington
11UBHA	Coldharbour
11UBHB	Edlesborough
11UBHC	Elmhurst and Watermead
11UBHD	Gatehouse
11UBHE	Great Brickhill
11UBHF	Great Horwood
11UBHG	Grendon Underwood
11UBHH	Haddenham
11UBHJ	Long Crendon
11UBHK	Luffield Abbey
11UBHL	Mandeville and Elm Farm
11UBHM	Marsh Gibbon
11UBHN	Newton Longville
11UBHP	Oakfield
11UBHQ	Pitstone
11UBHR	Quainton
11UBHS	Quarrendon
11UBHT	Southcourt
11UBHU	Steeple Claydon
11UBHW	Stewkley
11UBHX	Tingewick
11UBHY	Waddesdon
11UBHZ	Walton Court and Hawkslade
11UBJA	Weedon
11UBJB	Wendover
11UBJC	Wing
11UBJD	Wingrave
11UBJE	Winslow
11UCGH	Amersham Common
11UCGJ	Amersham-on-the-Hill
11UCGK	Amersham Town
11UCGL	Asheridge Vale and Lowndes
11UCGM	Ashley Green, Latimer and Chenies
11UCGN	Austenwood
11UCGP	Ballinger, South Heath and Chartridge
11UCGQ	Central

11UCGR	Chalfont Common
11UCGS	Chalfont St Giles
11UCGT	Chesham Bois and Weedon Hill
11UCGU	Cholesbury, The Lee and Bellingdon
11UCGW	Gold Hill
11UCGX	Great Missenden
11UCGY	Hilltop and Townsend
11UCGZ	Holmer Green
11UCHA	Little Chalfont
11UCHB	Little Missenden
11UHC	Newtown
11UCHD	Penn and Coleshill
11UCHE	Prestwood and Heath End
11UCHF	Ridgeway
11UCHG	St Mary's and Waterside
11UCHH	Seer Green
11UCHJ	Vale
11UEFX	Beaconsfield North
11UEFY	Beaconsfield South
11UEFZ	Beaconsfield West
11UEGA	Burnham Beeches
11UEGB	Burnham Church
11UEGC	Burnham Lent Rise
11UEGD	Denham North
11UEGE	Denham South
11UEGF	Dorney and Burnham South
11UEGG	Farnham Royal
11UEGH	Gerrards Cross East and Denham South West
11UEGJ	Gerrards Cross North
11UEGK	Gerrards Cross South
11UEGL	Hedgerley and Fulmer
11UEGM	Iver Heath
11UEGN	Iver Village and Richings Park
11UEGP	Stoke Poges
11UEGQ	Taplow
11UEGR	Wexham and Iver West
11UFGK	Abbey
11UFGL	Bledlow and Bradenham
11UFGM	Booker and Cressex
11UFGN	Bourne End-cum-Hedsor

11UFGP	Bowerdean
11UFGQ	Chiltern Rise
11UFGR	Disraeli
11UFGS	Downley and Plomer Hill
11UFGT	Flackwell Heath and Little Marlow
11UFGU	Greater Hughenden
11UFGW	Greater Marlow
11UFGX	Hambleton Valley
11UFGY	Hazlemere North
11UFGZ	Hazlemere South
11UFHA	Icknield
11UFHB	Lacey Green, Speen and the Hampdens
11UFHC	Marlow North and West
11UFHD	Marlow South East
11UFHE	Micklefield
11UFHF	Oakridge and Castlefield
11UFHG	Ryemead
11UFHH	Sands
11UFHJ	Stokenchurch and Radnage
11UFHK	Terriers and Amersham Hill
11UFHL	Totteridge
11UFHM	The Risboroughs
11UFHN	The Wooburns
11UFHP	Tylers Green and Loudwater
12UBFQ	Abbey
12UBFR	Arbury
12UBFS	Castle
12UBFT	Cherry Hinton
12UBFU	Coleridge
12UBFW	East Chesterton
12UBFX	King's Hedges
12UBFY	Market
12UBFZ	Newnham
12UBGA	Petersfield
12UBGB	Queen Edith's
12UBGC	Romsey
12UBGD	Trumpington
12UBGE	West Chesterton
12UCFU	Bottisham
12UCFW	Burwell

12UCFX	Cheveley
12UCFY	Downham Villages
12UCFZ	Dullingham Villages
12UCGA	Ely East
12UCGB	Ely North
12UCGC	Ely South
12UCGD	Ely West
12UCGE	Fordham Villages
12UCGF	Haddenham
12UCGG	Isleham
12UCGH	Littleport East
12UCGJ	Littleport West
12UCGK	Soham North
12UCGL	Soham South
12UCGM	Stretham
12UCGN	Sutton
12UCGP	The Swaffhams
12UDGC	Bassenhally
12UDGD	Benwick, Coates and Eastrea
12UDGE	Birch
12UDGF	Clarkson
12UDGG	Delph
12UDGH	Doddington
12UDGJ	Elm and Christchurch
12UDGK	Hill
12UDGL	Kingsmoor
12UDGM	Kirkgate
12UDGN	Lattersey
12UDGP	Manea
12UDGQ	March East
12UDGR	March North
12UDGS	March West
12UDGT	Medworth
12UDGU	Parson Drove and Wisbech St Mary
12UDGW	Peckover
12UDGX	Roman Bank
12UDGY	St Andrews
12UDGZ	St Marys
12UDHA	Slade Lode
12UDHB	Staithe



12UDHC	The Mills
12UDHD	Waterlees
12UDHE	Wenneye
12UDHF	Wimblington
12UEGM	Alconbury and The Stukeleys
12UEGN	Brampton
12UEGP	Buckden
12UEGQ	Earith
12UEGR	Ellington
12UEGS	Elton and Folksworth
12UEGT	Fenstanton
12UEGU	Godmanchester
12UEGW	Gransden and The Offords
12UEGX	Huntingdon East
12UEGY	Huntingdon North
12UEGZ	Huntingdon West
12UEHA	Kimbolton and Staughton
12UEHB	Little Paxton
12UEHC	Ramsey
12UEHD	St Ives East
12UEHE	St Ives South
12UEHF	St Ives West
12UEHG	St Neots Eaton Ford
12UEHH	St Neots Eaton Socon
12UEHJ	St Neots Eynesbury
12UEHK	St Neots Priory Park
12UEHL	Sawtry
12UEHM	Somersham
12UEHN	Stilton
12UEHP	The Hemingfords
12UEHQ	Upwood and The Raveleys
12UEHR	Warboys and Bury
12UEHS	Yaxley and Farcet
12UGGW	Balsham
12UGGX	Bar Hill
12UGGY	Barton
12UGGZ	Bassingbourn
12UGHA	Bourn
12UGHB	Caldecote
12UGHC	Comberton

12UGHD	Cottenham
12UGHE	Duxford
12UGHF	Fowlmere and Foxton
12UGHG	Fulbourn
12UGHH	Gamlingay
12UGHJ	Girton
12UGHK	Hardwick
12UGHL	Harston and Hauxton
12UGHM	Haslingfield and The Eversdens
12UGHN	Histon and Impington
12UGHP	Linton
12UGHQ	Longstanton
12UGHR	Melbourn
12UGHS	Meldreth
12UGHT	Milton
12UGHU	Orwell and Barrington
12UGHW	Papworth and Elsworth
12UGHX	Sawston
12UGHY	Swavesey
12UGHZ	Teversham
12UGJA	The Abingtons
12UGJB	The Mordens
12UGJC	The Shelfords and Stapleford
12UGJD	The Wilbrahams
12UGJE	Waterbeach
12UGJF	Whittlesford
12UGJG	Willingham and Over
13UBGE	Barrow
13UBGF	Blacon Hall
13UBGG	Blacon Lodge
13UBGH	Boughton
13UBGJ	Boughton Heath
13UBGK	Christleton
13UBGL	City & St Anne's
13UBGM	College
13UBGN	Curzon & Westminster
13UBGP	Dodleston
13UBGQ	Elton
13UBGR	Farndon
13UBGS	Handbridge & St Mary's

13UBGT	Hoole All Saints
13UBGU	Hoole Groves
13UBGW	Huntington
13UBGX	Kelsall
13UBGY	Lache Park
13UBGZ	Malpas
13UBHA	Mickle Trafford
13UBHB	Mollington
13UBHC	Newton Brook
13UBHD	Newton St Michaels
13UBHE	Saughall
13UBHF	Tarvin
13UBHG	Tattenhall
13UBHH	Tilston
13UBHJ	Upton Grange
13UBHK	Upton Westlea
13UBHL	Vicars Cross
13UBHM	Waverton
13UCFU	Alsager Central
13UCFW	Alsager East
13UCFX	Alsager West
13UCFY	Astbury
13UCFZ	Brereton
13UCGA	Buglawton
13UCGB	Congleton Central
13UCGC	Congleton North
13UCGD	Congleton North West
13UCGE	Congleton South
13UCGF	Congleton West
13UCGG	Dane Valley
13UCGH	Holmes Chapel
13UCGJ	Lawton
13UCGK	Middlewich Cledford
13UCGL	Middlewich Kinderton
13UCGM	Odd Rode
13UCGN	Sandbach East
13UCGP	Sandbach North
13UCGQ	Sandbach West
13UDGD	Acton
13UDGE	Alexandra

13UDGF	Audlem
13UDGG	Barony Weaver
13UDGH	Birchin
13UDGJ	Bunbury
13UDGK	Coppenhall
13UDGL	Delamere
13UDGM	Englesea
13UDGN	Grosvenor
13UDGP	Haslington
13UDGQ	Leighton
13UDGR	Maw Green
13UDGS	Minshull
13UDGT	Peckforton
13UDGU	St Barnabas
13UDGW	St John's
13UDGX	St Mary's
13UDGY	Shavington
13UDGZ	Valley
13UDHA	Waldron
13UDHB	Wellington
13UDHC	Wells Green
13UDHD	Willaston
13UDHE	Wistaston Green
13UDHF	Wrenbury
13UDHG	Wybunbury
13UEFU	Burton & Ness
13UEFW	Central
13UEFX	Grange
13UEFY	Groves
13UEFZ	Ledsham
13UEGA	Little Neston
13UEGB	Neston
13UEGC	Parkgate
13UEGD	Pooltown
13UEGE	Rivacre
13UEGF	Riverside
13UEGG	Rossmore
13UEGH	Stanlow & Wolverham
13UEGJ	Strawberry Fields
13UEGK	Sutton

13UEGL	Sutton Green & Manor
13UEGM	Westminster
13UEGN	Whitby
13UEGP	Willaston & Thornton
13UGGN	Alderley Edge
13UGGP	Bollington Central
13UGGQ	Bollington East
13UGGR	Bollington West
13UGGS	Chelford
13UGGT	Dean Row
13UGGU	Disley & Lyme Handley
13UGGW	Fulshaw
13UGGX	Gawsworth
13UGGY	Handforth
13UGGZ	Henbury
13UGHA	High Legh
13UGHB	Hough
13UGHC	Knutsford Bexton
13UGHD	Knutsford Nether
13UGHE	Knutsford Norbury Booths
13UGHF	Knutsford Over
13UGHG	Lacey Green
13UGHH	Macclesfield Bollinbrook
13UGHJ	Macclesfield Broken Cross
13UGHK	Macclesfield Central
13UGHL	Macclesfield East
13UGHM	Macclesfield Hurdsfield
13UGHN	Macclesfield Ivy
13UGHP	Macclesfield Ryles
13UGHQ	Macclesfield South
13UGHR	Macclesfield Tytherington
13UGHS	Macclesfield West
13UGHT	Mere
13UGHU	Mobberley
13UGHW	Morley & Styal
13UGHX	Plumley
13UGHY	Poynton Central
13UGHZ	Poynton East
13UGJA	Poynton West
13UGJB	Prestbury

13UGJC	Rainow
13UGJD	Sutton
13UHGP	Barnton
13UHGQ	Cogshall
13UHGR	Cuddington & Oakmere
13UHGS	Davenham & Moulton
13UHGT	Forest
13UHGU	Frodsham North
13UHGW	Frodsham South
13UHGX	Hartford & Whitegate
13UHGY	Helsby
13UHGZ	Kingsley
13UHHA	Leftwich & Kingsmead
13UHHB	Lostock & Wincham
13UHHC	Mara
13UHHD	Milton Weaver
13UHHE	Northwich Castle
13UHHF	Northwich Winnington
13UHHG	Northwich Witton
13UH HH	Rudheath & South Witton
13UH HJ	Seven Oaks & Marston
13UH HK	Shakerley
13UH HL	Tarporley & Oulton
13UH HM	Weaverham
13UH HN	Winsford Dene
13UH HP	Winsford Gravel
13UH HQ	Winsford Over
13UH HR	Winsford Swanlow
13UH HS	Winsford Verdin
13UH HT	Winsford Wharton
15UBGH	Callington
15UBGJ	Calstock
15UBGK	Devioc and Shevioc
15UBGL	Dobwalls and District
15UBGM	Duloe, Lansallos and Pelynt
15UBGN	Landrake and St Dominick
15UBGP	Lanteglos and St Veep
15UBGQ	Liskeard North
15UBGR	Liskeard South
15UBGS	Looe and St Martin

15UBGT	Lynher
15UBGU	Menheniot and St Ive
15UBGW	Millbrook
15UBGX	Rame Peninsula
15UBGY	St Cleer and St Neot
15UBGZ	St Germans
15UBHA	Saltash Burraton
15UBHB	Saltash Essa
15UBHC	Saltash Pill
15UBHD	Saltash St Stephens
15UBHE	Torpoint East
15UBHF	Torpoint West
15UCFX	Arwenack
15UCFY	Boscawen
15UCFZ	Boslowick
15UCGA	Carland
15UCGB	Feock and Kea
15UCGC	Kenwyn and Chacewater
15UCGD	Moresk
15UCGE	Mount Hawke
15UCGF	Mylor
15UCGG	Newlyn and Goonhavern
15UCGH	Penryn
15UCGJ	Penwerris
15UCGK	Perranporth
15UCGL	Probus
15UCGM	Roseland
15UCGN	St Agnes
15UCGP	Tregolls
15UCGQ	Trehaverne and Gloweth
15UCGR	Trescobeas
15UDFZ	Breage and Crowan
15UDGA	Camborne North
15UDGB	Camborne South
15UDGC	Camborne West
15UDGD	Constantine, Gweek and Mawnan
15UDGE	Grade-Ruan and Landewednack
15UDGF	Helston North
15UDGG	Helston South
15UDGH	Illogan North

15UDGJ	Illogan South
15UDGK	Mabe and Budock
15UDGL	Meneage
15UDGM	Mullion
15UDGN	Porthleven and Sithney
15UDGP	Redruth North
15UDGQ	Redruth South
15UDGR	St Day, Lanner and Carharrack
15UDGS	St Keverne
15UDGT	Stithians
15UDGU	Wendron
15UEGE	Allan
15UEGF	Altarnun
15UEGG	Blisland and St Breward
15UEGH	Bodmin St Mary's
15UEGJ	Bodmin St Petroc
15UEGK	Bude
15UEGL	Camelford
15UEGM	Camelot
15UEGN	Grenville
15UEGP	Lanivet
15UEGQ	Launceston
15UEGR	Marhamchurch
15UEGS	North Petherwin
15UEGT	Padstow and District
15UEGU	Poughill and Stratton
15UEGW	St Endellion and St Kew
15UEGX	St Minver
15UEGY	South Petherwin
15UEGZ	Stokeclimsland
15UEHA	Tremaine
15UEHB	Valency
15UEHC	Wadebridge
15UEHD	Week St Mary and Whitstone
15UFFS	Goldsithney
15UFFT	Gulval and Heamoor
15UFFU	Gwinear, Gwithian and Hayle East
15UFFW	Hayle North
15UFFX	Hayle South
15UFFY	Lelant and Carbis Bay



15UFFZ	Ludgvan and Towednack
15UFGA	Madron and Zennor
15UFGB	Marazion and Perranuthnoe
15UFGC	Morvah, Pendeen and St Just
15UFGD	Penzance Central
15UFG E	Penzance East
15UFGF	Penzance Promenade
15UFGG	Penzance South
15UFGH	St Buryan
15UFGJ	St Erth and St Hilary
15UFGK	St Ives North
15UFG L	St Ives South
15UGFU	Bethel
15UGFW	Crinnis
15UGFX	Edgumbe North
15UGFY	Edgumbe South
15UGFZ	Fowey and Tywardreath
15UGGA	Gannel
15UGGB	Gover
15UGGC	Lostwithiel
15UGGD	Mevagissey
15UGGE	Mount Charles
15UGGF	Poltair
15UGGG	Rialton
15UGGH	Rock
15UGGJ	St Blaise
15UGGK	St Columb
15UGGL	St Eno der
15UGGM	St Ewe
15UGGN	St Stephen
15UGGP	Treverbyn
15UHFA	Bryher
15UHFB	St. Agnes
15UHFC	St. Martin's
15UHFD	St. Mary's
15UHFE	Tresco
16UBGM	All Saints
16UBGN	Aspatria
16UBGP	Boltons
16UBGQ	Broughton St Bridget's

16UBGR	Christchurch
16UBGS	Clifton
16UBGT	Crummock
16UBGU	Dalton
16UBGW	Derwent Valley
16UBGX	Ellen
16UBGY	Ellenborough
16UBGZ	Ewanrigg
16UBHA	Flimby
16UBHB	Harrington
16UBHC	Holme
16UBHD	Keswick
16UBHE	Marsh
16UBHF	Moorclose
16UBHG	Moss Bay
16UBHH	Netherhall
16UBHJ	St John's
16UBHK	St Michael's
16UBHL	Seaton
16UBHM	Silloth
16UBHN	Solway
16UBHP	Stainburn
16UBHQ	Wampool
16UBHR	Warnell
16UBHS	Waver
16UBHT	Wharrels
16UBHU	Wigton
16UCFP	Barrow Island
16UCFQ	Central
16UCFR	Dalton North
16UCFS	Dalton South
16UCFT	Hawcoat
16UCFU	Hindpool
16UCFW	Newbarns
16UCFX	Ormsgill
16UCFY	Parkside
16UCFZ	Risedale
16UCGA	Roosecote
16UCGB	Walney North
16UCGC	Walney South

16UDGA	Belah
16UDGB	Belle Vue
16UDGC	Botcherby
16UDGD	Brampton
16UDGE	Burgh
16UDGF	Castle
16UDGG	Currock
16UDGH	Dalston
16UDGJ	Denton Holme
16UDGK	Great Corby and Geltsdale
16UDGL	Harraby
16UDGM	Hayton
16UDGN	Irthing
16UDGP	Longtown & Rockcliffe
16UDGQ	Lyne
16UDGR	Morton
16UDGS	St Aidans
16UDGT	Stanwix Rural
16UDGU	Stanwix Urban
16UDGW	Upperby
16UDGX	Wetheral
16UDGY	Yewdale
16UEGD	Arlecdon
16UEGE	Beckermest
16UEGF	Bootle
16UEGG	Bransty
16UEGH	Cleator Moor North
16UEGJ	Cleator Moor South
16UEGK	Distington
16UEGL	Egremont North
16UEGM	Egremont South
16UEGN	Ennerdale
16UEGP	Frizington
16UEGQ	Gosforth
16UEGR	Harbour
16UEGS	Haverigg
16UEGT	Hensingham
16UEGU	Hillcrest
16UEGW	Holborn Hill
16UEGX	Kells

16UEGY	Millom Without
16UEGZ	Mirehouse
16UEHA	Moresby
16UEHB	Newtown
16UEHC	St Bees
16UEHD	Sandwith
16UEHE	Seascale
16UFGF	Alston Moor
16UFGG	Appleby (Appleby)
16UFGH	Appleby (Bongate)
16UFGJ	Askham
16UFGK	Brough
16UFGM	Crosby Ravensworth
16UFGN	Dacre
16UFGP	Eamont
16UFGQ	Greystoke
16UFGR	Hartside
16UFGS	Hesket
16UFGT	Kirkby Stephen
16UFGU	Kirkby Thore
16UFGV	Kirkoswald
16UFGW	Langwathby
16UFGX	Lazonby
16UFGY	Long Marton
16UFGZ	Morland
16UFHA	Orton with Tebay
16UFHB	Penrith Carleton
16UFHC	Penrith East
16UFHD	Penrith North
16UFHE	Penrith Pategill
16UFHF	Penrith South
16UFHG	Penrith West
16UFHH	Ravenstonedale
16UFHJ	Shap
16UFHK	Skelton
16UFHL	Ullswater
16UFHM	Warcop
16UGHB	Arnside & Beetham
16UGHC	Broughton
16UGHD	Burneside

16UGHE	Burton & Holme
16UGHF	Cartmel
16UGHG	Coniston
16UGHH	Crake Valley
16UGHJ	Crooklands
16UGHK	Grange
16UGHL	Hawkshead
16UGHM	Holker
16UGHN	Kendal Castle
16UGHP	Kendal Far Cross
16UGHQ	Kendal Fell
16UGHR	Kendal Glebelands
16UGHS	Kendal Heron Hill
16UGHT	Kendal Highgate
16UGHU	Kendal Kirkland
16UGHW	Kendal Mintsfeet
16UGHX	Kendal Nether
16UGHY	Kendal Oxenholme
16UGHZ	Kendal Parks
16UGJA	Kendal Stonecross
16UGJB	Kendal Strickland
16UGJC	Kendal Underley
16UGJD	Kirkby Lonsdale
16UGJE	Lakes Ambleside
16UGJF	Lakes Grasmere
16UGJG	Levens
16UGJH	Low Furness & Swarthmoor
16UGJJ	Lyth Valley
16UGJK	Milnthorpe
16UGJL	Natland
16UGJM	Sedbergh
16UGJN	Staveley-in-Cartmel
16UGJP	Staveley-in-Westmorland
16UGJQ	Ulverston Central
16UGJR	Ulverston East
16UGJS	Ulverston North
16UGJT	Ulverston South
16UGJU	Ulverston Town
16UGJW	Ulverston West
16UGJX	Whinfell

16UGJY	Windermere Applethwaite
16UGJZ	Windermere Bowness North
16UGKA	Windermere Bowness South
16UGKB	Windermere Town
17UBGC	Alfreton
17UBGD	Alport
17UBGE	Belper Central
17UBGF	Belper East
17UBGG	Belper North
17UBGH	Belper South
17UBGJ	Codnor and Waingroves
17UBGK	Crich
17UBGL	Duffield
17UBGM	Heage and Ambergate
17UBGN	Heanor and Loscoe
17UBGP	Heanor East
17UBGQ	Heanor West
17UBGR	Ironville and Riddings
17UBGS	Kilburn, Denby and Holbrook
17UBGT	Langley Mill and Aldercar
17UBGU	Ripley
17UBGW	Ripley and Marehay
17UBGX	Shipleigh Park, Horsley and Horsley Woodhouse
17UBGY	Somercotes
17UBGZ	South West Parishes
17UBHA	Swanwick
17UBHB	Wingfield
17UCGB	Barlborough
17UCGC	Blackwell
17UCGD	Bolsover North West
17UCGE	Bolsover South
17UCGF	Bolsover West
17UCGG	Clowne North
17UCGH	Clowne South
17UCGJ	Elmton-with-Creswell
17UCGK	Pinxton
17UCGL	Pleasley
17UCGM	Scarliffe
17UCGN	Shirebrook East
17UCGP	Shirebrook Langwith

17UCGQ	Shirebrook North West
17UCGR	Shirebrook South East
17UCGS	Shirebrook South West
17UCGT	South Normanton East
17UCGU	South Normanton West
17UCGW	Tibshelf
17UCGX	Whitwell
17UDFX	Barrow Hill and New Whittington
17UDFY	Brimington North
17UDFZ	Brimington South
17UDGA	Brockwell
17UDGB	Dunston
17UDGC	Hasland
17UDGD	Hollingwood and Inkersall
17UDGE	Holmebrook
17UDGF	Linacre
17UDGG	Loundsley Green
17UDGH	Lowgates and Woodthorpe
17UDGJ	Middlecroft and Poolsbrook
17UDGK	Moor
17UDGL	Old Whittington
17UDGM	Rother
17UDGN	St Helen's
17UDGP	St Leonard's
17UDGQ	Walton
17UDGR	West
17UFGC	Ashbourne North
17UFGD	Ashbourne South
17UFG E	Bakewell
17UFGF	Bradwell
17UFGG	Brailsford
17UFGH	Calver
17UFGJ	Carsington Water
17UFGK	Chatsworth
17UFG L	Clifton and Bradley
17UFGM	Darley Dale
17UFGN	Dovedale and Parwich
17UFGP	Doveridge and Sudbury
17UFGQ	Hartington and Taddington
17UFG R	Hathersage and Eyam

17UFGS	Hulland
17UFGT	Lathkill and Bradford
17UFGU	Litton and Longstone
17UFGW	Masson
17UFGX	Matlock All Saints
17UFGY	Matlock St Giles
17UFGZ	Norbury
17UFHA	Stanton
17UFHB	Tideswell
17UFHC	Winster and South Darley
17UFHD	Wirksworth
17UGGC	Abbotsford
17UGGD	Breaston
17UGGE	Cotmanhay
17UGGF	Derby Road East
17UGGG	Derby Road West
17UGGH	Draycott
17UGGJ	Hallam Fields
17UGGK	Ilkeston Central
17UGGL	Ilkeston North
17UGGM	Kirk Hallam
17UGGN	Little Eaton and Breadsall
17UGGP	Little Hallam
17UGGQ	Long Eaton Central
17UGGR	Nottingham Road
17UGGS	Ockbrook And Borrowash
17UGGT	Old Park
17UGGU	Sandiacre North
17UGGW	Sandiacre South
17UGGX	Sawley
17UGGY	Stanley
17UGGZ	West Hallam and Dale Abbey
17UGHA	Wilsthorpe
17UHGC	Barms
17UHGD	Blackbrook
17UHGE	Burbage
17UHGF	Buxton Central
17UHGG	Chapel East
17UHGH	Chapel West
17UHGJ	Corbar



17UH GK	Cote Heath
17UH GL	Dinting
17UH GM	Gamesley
17UH GN	Hadfield North
17UH GP	Hadfield South
17UH GQ	Hayfield
17UH GR	Hope Valley
17UH GS	Howard Town
17UH GT	Limestone Peak
17UH GU	New Mills East
17UH GW	New Mills West
17UH GX	Old Glossop
17UH GY	Padfield
17UH GZ	St John's
17UH HA	Sett
17UH HB	Simmondley
17UH HC	Stone Bench
17UH HD	Temple
17UH HE	Tintwistle
17UH HF	Whaley Bridge
17UH HG	Whitfield
17UJ GD	Ashover
17UJ GE	Barlow and Holmesfield
17UJ GF	Brampton and Walton
17UJ GG	Clay Cross North
17UJ GH	Clay Cross South
17UJ GJ	Coal Aston
17UJ GK	Dronfield North
17UJ GL	Dronfield South
17UJ GM	Dronfield Woodhouse
17UJ GN	Eckington North
17UJ GP	Eckington South
17UJ GQ	Gosforth Valley
17UJ GR	Grassmoor
17UJ GS	Holmewood and Heath
17UJ GT	Killamarsh East
17UJ GU	Killamarsh West
17UJ GW	North Wingfield Central
17UJ GX	Pilsley and Morton
17UJ GY	Renishaw

17UJGZ	Ridgeway and Marsh Lane
17UJHA	Shirland
17UJHB	Sutton
17UJHC	Tupton
17UJHD	Unstone
17UJHE	Wingerworth
17UKFW	Aston
17UKFX	Church Gresley
17UKFY	Etwall
17UKFZ	Hartshorne and Ticknall
17UKGA	Hatton
17UKGB	Hilton
17UKGC	Linton
17UKGD	Melbourne
17UKGE	Midway
17UKGF	Newhall and Stanton
17UKGG	North West
17UKGH	Repton
17UKGJ	Seales
17UKGK	Stenson
17UKGL	Swadlincote
17UKGM	Willington and Findern
17UKGN	Woodville
18UBGN	Axminster Rural
18UBGP	Axminster Town
18UBGQ	Beer and Branscombe
18UBGR	Broadclyst
18UBGS	Budleigh
18UBGT	Clyst Valley
18UBGU	Coly Valley
18UBGW	Dunkeswell
18UBGX	Exe Valley
18UBGY	Exmouth Brixington
18UBGZ	Exmouth Halsdon
18UBHA	Exmouth Littleham
18UBHB	Exmouth Town
18UBHC	Exmouth Withycombe Raleigh
18UBHD	Feniton and Buckerell
18UBHE	Honiton St Michael's
18UBHF	Honiton St Paul's

18UBHG	Newbridges
18UBHH	Newton Poppleford and Harpford
18UBHJ	Otterhead
18UBHK	Ottery St Mary Rural
18UBHL	Ottery St Mary Town
18UBHM	Raleigh
18UBHN	Seaton
18UBHP	Sidmouth Rural
18UBHQ	Sidmouth Sidford
18UBHR	Sidmouth Town
18UBHS	Tale Vale
18UBHT	Trinity
18UBHU	Whimple
18UBHW	Woodbury and Lypstone
18UBHX	Yarty
18UCFU	Alphington
18UCFW	Cowick
18UCFX	Duryard
18UCFY	Exwick
18UCFZ	Heavitree
18UCGA	Mincinglake
18UCGB	Newtown
18UCGC	Pennsylvania
18UCGD	Pinhoe
18UCGE	Polsloe
18UCGF	Priory
18UCGG	St David's
18UCGH	St James
18UCGJ	St Leonard's
18UCGK	St Loyes
18UCGL	St Thomas
18UCGM	Topsham
18UCGN	Wipton & Barton
18UDGF	Boniface
18UDGG	Bradninch
18UDGH	Cadbury
18UDGJ	Canonsleigh
18UDGK	Castle
18UDGL	Clare and Shuttern
18UDGM	Cranmore

18UDGN	Cullompton North
18UDGP	Cullompton Outer
18UDGQ	Cullompton South
18UDGR	Halberton
18UDGS	Lawrence
18UDGT	Lower Culm
18UDGU	Lowman
18UDGW	Newbrooke
18UDGX	Sandford and Creedy
18UDGY	Silverton
18UDGZ	Taw
18UDHA	Taw Vale
18UDHB	Upper Culm
18UDHC	Upper Yeo
18UDHD	Way
18UDHE	Westexe
18UDHF	Yeo
18UEGH	Bickington and Roundswell
18UEGJ	Bishop's Nympton
18UEGK	Bratton Fleming
18UEGL	Braunton East
18UEGM	Braunton West
18UEGN	Central Town
18UEGP	Chittlehampton
18UEGQ	Chulmleigh
18UEGR	Combe Martin
18UEGS	Forches and Whiddon Valley
18UEGT	Fremington
18UEGU	Georgeham and Mortehoe
18UEGW	Heanton Punchardon
18UEGX	Ilfracombe Central
18UEGY	Ilfracombe East
18UEGZ	Ilfracombe West
18UEHA	Instow
18UEHB	Landkey, Swimbridge and Taw
18UEHC	Longbridge
18UEHD	Lynton and Lynmouth
18UEHE	Marwood
18UEHF	Newport
18UEHG	North Molton

18UEHH	Pilton
18UEHJ	South Molton
18UEHK	Witheridge
18UEHL	Yeo Valley
18UGGM	Allington and Loddiswell
18UGGN	Avon and Harbourne
18UGGP	Bickleigh and Shaugh
18UGGQ	Charterlands
18UGGR	Cornwood and Sparkwell
18UGGS	Dartington
18UGGT	Dartmouth and Kingswear
18UGGU	Dartmouth Townstal
18UGGW	East Dart
18UGGX	Eastmoor
18UGGY	Erme Valley
18UGGZ	Ivybridge Central
18UGHA	Ivybridge Filham
18UGHB	Ivybridge Woodlands
18UGHC	Kingsbridge East
18UGHD	Kingsbridge North
18UGHE	Marldon
18UGHF	Newton and Noss
18UGHG	Salcombe and Malborough
18UGHH	Saltstone
18UGHJ	Skerries
18UGHK	South Brent
18UGHL	Stokenham
18UGHM	Thurlestone
18UGHN	Totnes Bridgetown
18UGHP	Totnes Town
18UGHQ	Wembury and Brixton
18UGHR	West Dart
18UGHS	Westville and Alvington
18UGHT	Yealmpton
18UHGL	Ambrook
18UHGM	Ashburton and Buckfastleigh
18UHGN	Bishopsteignton
18UHGP	Bovey
18UHGQ	Bradley
18UHGR	Buckland and Milber

18UHGS	Bushell
18UHGT	Chudleigh
18UHGU	College
18UHGW	Dawlish Central and North East
18UHGX	Dawlish South West
18UHGY	Haytor
18UHGZ	Ipplepen
18UHHA	Kenn Valley
18UHHB	Kenton with Starcross
18UHHC	Kerswell-with-Combe
18UHHD	Kingsteignton East
18UHHE	Kingsteignton West
18UHHF	Moorland
18UHGG	Shaldon and Stokeinteignhead
18UHGH	Teignbridge North
18UHHJ	Teignmouth Central
18UHHK	Teignmouth East
18UHHL	Teignmouth West
18UHMM	Teign Valley
18UKGE	Appledore
18UKGF	Bideford East
18UKGG	Bideford North
18UKGH	Bideford South
18UKGJ	Broadheath
18UKGK	Clinton
18UKGL	Clovelly Bay
18UKGM	Coham Bridge
18UKGN	Forest
18UKGP	Hartland and Bradworthy
18UKGQ	Holsworthy
18UKGR	Kenwith
18UKGS	Monkleigh and Littleham
18UKGT	Northam
18UKGU	Orchard Hill
18UKGW	Shebbear and Langtree
18UKGX	Tamarside
18UKGY	Three Moors
18UKGZ	Torrington
18UKHA	Two Rivers
18UKHB	Waldon

18UKHC	Westward Ho!
18UKHD	Winkleigh
18ULFY	Bere Ferrers
18ULFZ	Bridestowe
18ULGA	Buckland Monachorum
18ULGB	Burrator
18ULGC	Chagford
18ULGD	Drewsteignton
18ULGE	Exbourne
18ULGF	Hatherleigh
18ULGG	Lew Valley
18ULGH	Lydford
18ULGJ	Mary Tavy
18ULGK	Milton Ford
18ULGL	North Tawton
18ULGM	Okehampton East
18ULGN	Okehampton West
18ULGP	Tamarside
18ULGQ	Tavistock North
18ULGR	Tavistock South
18ULGS	Tavistock South West
18ULGT	South Tawton
18ULGU	Thrushel
18ULGW	Walkham
19UCFL	Burton and Winkton
19UCFM	Grange
19UCFN	Highcliffe
19UCFP	Jumpers
19UCFQ	Mudford and Friars Cliff
19UCFR	North Highcliffe and Walkford
19UCFS	Portfield
19UCFT	Purewell and Stanpit
19UCFU	St Catherine's and Hurn
19UCFW	Town Centre
19UCFX	West Highcliffe
19UDGA	Alderholt
19UDGB	Ameysford
19UDGC	Colehill East
19UDGD	Colehill West
19UDGE	Corfe Mullen Central

19UDGF	Corfe Mullen North
19UDGG	Corfe Mullen South
19UDGH	Crane
19UDGJ	Ferndown Central
19UDGK	Ferndown Links
19UDGL	Handley Vale
19UDGM	Holt
19UDGN	Longham
19UDGP	Parley
19UDGQ	St Leonards and St Ives East
19UDGR	St Leonards and St Ives West
19UDGS	Stapehill
19UDGT	Stour
19UDGU	Three Cross and Potterne
19UDGW	Verwood Dewlands
19UDGX	Verwood Newtown
19UDGY	Verwood Stephen's Castle
19UDGZ	West Moors
19UDHA	Wimborne Minster
19UEGE	Abbey
19UEGF	Blackmore
19UEGG	Blandford Damory Down
19UEGH	Blandford Hilltop
19UEGJ	Blandford Langton St Leonards
19UEGK	Blandford Old Town
19UEGL	Blandford Station
19UEGM	Bourton and District
19UEGN	Bulbarrow
19UEGP	Cranborne Chase
19UEGQ	Gillingham Town
19UEGR	Hill Forts
19UEGS	Lodbourne
19UEGT	Lydden Vale
19UEGU	Marnhull
19UEGW	Milton
19UEGX	Motcombe and Ham
19UEGY	Portman
19UEGZ	Riversdale
19UEHA	Shaftesbury Central
19UEHB	Shaftesbury Christy's



19UEHC	Shaftesbury Grosvenor
19UEHD	Shaftesbury Underhill
19UEHE	Stour Valley
19UEHF	The Beacon
19UEHG	The Lower Tarrants
19UEHH	The Stours
19UEHJ	Wyke
19UGFN	Bere Regis
19UGFP	Castle
19UGFQ	Creech Barrow
19UGFR	Langton
19UGFS	Lytchett Matravers
19UGFT	Lytchett Minster and Upton East
19UGFU	Lytchett Minster and Upton West
19UGFW	St. Martin
19UGFX	Swanage North
19UGFY	Swanage South
19UGFZ	Wareham
19UGGA	West Purbeck
19UGGB	Winfrith
19UGGC	Wool
19UHGR	Beaminster
19UHGS	Bradford Abbas
19UHGT	Bradpole
19UHGU	Bridport North
19UHGW	Bridport South and Bothenhampton
19UHGX	Broadmayne
19UHGY	Broadwindsor
19UHGZ	Burton Bradstock
19UHHA	Cam Vale
19UHHB	Charminster and Cerne Valley
19UHHC	Charmouth
19UHHD	Chesil Bank
19UHHE	Chickerell
19UHHF	Chideock and Symondsburry
19UHHG	Dorchester East
19UHHL	Dorchester North
19UHHL	Dorchester South
19UHHL	Dorchester West
19UHHL	Frome Valley

19UHHM	Halstock
19UHHN	Loders
19UHHP	Lyme Regis
19UHHQ	Maiden Newton
19UHHR	Marshwood Vale
19UHHS	Netherbury
19UHHT	Owermoigne
19UHHU	Piddle Valley
19UHHW	Puddletown
19UHHX	Queen Thorne
19UHHY	Sherborne East
19UHHZ	Sherborne West
19UHJA	Winterborne St Martin
19UHJB	Yetminster
19UJFQ	Littlemoor
19UJFR	Melcombe Regis
19UJFS	Preston
19UJFT	Radipole
19UJFU	Tophill East
19UJFW	Tophill West
19UJFX	Underhill
19UJFY	Upwey and Broadway
19UJFZ	Westham East
19UJGA	Westham North
19UJGB	Westham West
19UJGC	Wey Valley
19UJGD	Weymouth East
19UJGE	Weymouth West
19UJGF	Wyke Regis
20UBFT	Bournmoor
20UBFU	Chester Central
20UBFW	Chester East
20UBFX	Chester North
20UBFY	Chester South
20UBFZ	Chester West
20UBGA	Edmondsley and Waldrige
20UBGB	Grange Villa and West Pelton
20UBGC	Kimbleworth and Plawsworth
20UBGD	Lumley
20UBGE	North Lodge

20UBGF	Ouston
20UBGG	Pelton
20UBGH	Pelton Fell
20UBGJ	Sacriston
20UBGK	Urpeth
20UDGA	Annfield Plain
20UDGB	Benfieldside
20UDGC	Blackhill
20UDGD	Burnhope
20UDGE	Burnopfield
20UDGF	Castleside
20UDGG	Catchgate
20UDGH	Consett East
20UDGJ	Consett North
20UDGK	Consett South
20UDGL	Cornsay
20UDGM	Craghead and South Stanley
20UDGN	Delves Lane
20UDGP	Dipton
20UDGQ	Ebchester and Medomsley
20UDGR	Esh
20UDGS	Havannah
20UDGT	Lanchester
20UDGU	Leadgate
20UDGW	South Moor
20UDGX	Stanley Hall
20UDGY	Tanfield
20UEGB	Bearpark and Witton Gilbert
20UEGC	Belmont
20UEGD	Brancepeth, Langley Moor and Meadowfield
20UEGE	Brandon
20UEGF	Carrville and Gilesgate Moor
20UEGG	Cassop-cum-Quarrington
20UEGH	Coxhoe
20UEGJ	Crossgate and Framwelgate
20UEGK	Deerness
20UEGL	Elvet
20UEGM	Framwellgate Moor
20UEGN	Neville's Cross
20UEGP	New Brancepeth and Ushaw Moor

20UEGQ	Newton Hall North
20UEGR	Newton Hall South
20UEGS	Pelaw and Gilesgate
20UEGT	Pittington and West Rainton
20UEGU	St Nicholas
20UEGW	Shadforth and Sherburn
20UEGX	Shincliffe
20UFGD	Acre Rigg
20UFGE	Blackhalls
20UFGF	Dawdon
20UFGG	Dene House
20UFGH	Deneside
20UFGJ	Easington Colliery
20UFGK	Easington Village and South Hetton
20UFGM	Eden Hill
20UFGN	Haswell and Shotton
20UFGP	Horden North
20UFGQ	Horden South
20UFGR	Howletch
20UFGS	Hutton Henry
20UFGT	Murton East
20UFGU	Murton West
20UFGV	Passfield
20UFGW	Seaham Harbour
20UFGX	Seaham North
20UFGY	Thornley and Wheatley Hill
20UFGZ	Wingate
20UGFZ	Bishop Middleham and Cornforth
20UGGA	Broom
20UGGB	Byerley
20UGGC	Chilton
20UGGD	Ferryhill
20UGGE	Fishburn and Old Trimdon
20UGGF	Greenfield Middridge
20UGGG	Low Spennymoor and Tudhoe Grange
20UGGH	Middlestone
20UGGJ	Neville and Simpature
20UGGK	New Trimdon and Trimdon Grange
20UGGL	Sedgefield
20UGGM	Shafto St Marys

20UGGN	Spennymoor
20UGGP	Sunnydale
20UGGQ	Thickley
20UGGR	Tudhoe
20UGGS	West
20UGGT	Woodham
20UHFV	Barnard Castle East
20UHFX	Barnard Castle North
20UHFY	Barnard Castle West
20UHFZ	Barningham and Ovington
20UHGA	Cockfield
20UHGB	Cotherstone with Lartington
20UHGC	Eggleston
20UHGD	Etherley
20UHGE	Evenwood, Ramshaw and Lands
20UHGF	Gainford and Winston
20UHGG	Greta
20UHGH	Hamsterley and South Bedburn
20UHGJ	Ingleton
20UH GK	Lynesack
20UHGL	Middleton-in-Teesdale
20UHGM	Romaldkirk
20UHGN	Staindrop
20UHGP	Startforth
20UHGQ	Streatlam and Whorlton
20UJFY	Bishop Auckland Town
20UJFZ	Cockton Hill
20UJGA	Coundon
20UJGB	Crook North
20UJGC	Crook South
20UJGD	Dene Valley
20UJGE	Escomb
20UJGF	Henknowle
20UJGG	Howden
20UJGH	Hunwick
20UJGJ	St John's Chapel
20UJGK	Stanhope
20UJGL	Tow Law and Stanley
20UJGM	West Auckland
20UJGN	Wheatbottom and Helmington Row

20UJGP	Willington Central
20UJGQ	Willington West End
20UJGR	Wolsingham and Witton-le-Wear
20UJGS	Woodhouse Close
21UCFL	Devonshire
21UCFM	Hampden Park
21UCFN	Langney
21UCFP	Meads
21UCFQ	Old Town
21UCFR	Ratton
21UCFS	St Anthony's
21UCFT	Sovereign
21UCFU	Upperton
21UDFS	Ashdown
21UDFT	Baird
21UDFU	Braybrooke
21UDFW	Castle
21UDFX	Central St Leonards
21UDFY	Conquest
21UDFZ	Gensing
21UDGA	Hollington
21UDGB	Maze Hill
21UDGC	Old Hastings
21UDGD	Ore
21UDGE	St Helens
21UDGF	Silverhill
21UDGG	Tressell
21UDGH	West St Leonards
21UDGJ	Wishing Tree
21UFGG	Barcombe and Hamsey
21UFGH	Chailey and Wivelsfield
21UFGJ	Ditchling and Westmeston
21UFGK	East Saltdean and Telscombe Cliffs
21UFGI	Kingston
21UFGM	Lewes Bridge
21UFGN	Lewes Castle
21UFGP	Lewes Priory
21UFGQ	Newhaven Denton and Meeching
21UFGR	Newhaven Valley
21UFGS	Newick

21UFGT	Ouse Valley and Ringmer
21UFGU	Peacehaven East
21UFGW	Peacehaven North
21UFGX	Peacehaven West
21UFGY	Plumpton, Streat, East Chilington and St John (Without)
21UFGZ	Seaford Central
21UFHA	Seaford East
21UFHB	Seaford North
21UFHC	Seaford South
21UFHD	Seaford West
21UGGD	Battle Town
21UGGE	Brede Valley
21UGGF	Central
21UGGG	Collington
21UGGH	Crowhurst
21UGGJ	Darwell
21UGGK	Eastern Rother
21UGGL	Ewhurst and Sedlescombe
21UGGM	Kewhurst
21UGGN	Marsham
21UGGP	Old Town
21UGGQ	Rother Levels
21UGGR	Rye
21UGGS	Sackville
21UGGT	St Marks
21UGGU	St Michaels
21UGGW	St Stephens
21UGGX	Salehurst
21UGGY	Sidley
21UGGZ	Ticehurst and Etchingham
21UHGM	Alfriston
21UHGN	Buxted and Maresfield
21UHGP	Chiddingly and East Hoathly
21UHGQ	Cross in Hand/Five Ashes
21UHGR	Crowborough East
21UHGS	Crowborough Jarvis Brook
21UHGT	Crowborough North
21UHGU	Crowborough St. Johns
21UHGW	Crowborough West
21UHGX	Danehill/Fletching/Nutley

21UHGY	East Dean
21UHGZ	Forest Row
21UHHA	Framfield
21UHHB	Frant/Withyham
21UHHC	Hailsham Central and North
21UHHD	Hailsham East
21UHHE	Hailsham South and West
21UHHF	Hartfield
21UHHG	Heathfield East
21UHHE	Heathfield North and Central
21UHHJ	Hellingly
21UHKK	Herstmonceux
21UHLL	Horam
21UHMM	Mayfield
21UHHN	Ninfield and Hooe with Wartling
21UHHP	Pevensey and Westham
21UHHQ	Polegate North
21UHHR	Polegate South
21UHHS	Rotherfield
21UHHT	Uckfield Central
21UHUU	Uckfield New Town
21UHHW	Uckfield North
21UHHX	Uckfield Ridgewood
21UHHY	Wadhurst
21UHHZ	Willingdon
22UBFQ	Billericay East
22UBFR	Billericay West
22UBFS	Burstead
22UBFT	Crouch
22UBFU	Fryerns
22UBFW	Laindon Park
22UBFX	Langdon Hills
22UBFY	Lee Chapel North
22UBFZ	Nethermayne
22UBGA	Pitsea North West
22UBGB	Pitsea South East
22UBGC	St Martin's
22UBGD	Vange
22UBGE	Wickford Castledon
22UBGF	Wickford North



22UBGG	Wickford Park
22UCGL	Black Notley and Terling
22UCGM	Bocking Blackwater
22UCGN	Bocking North
22UCGP	Bocking South
22UCGQ	Bradwell, Silver End and Rivenhall
22UCGR	Braintree Central
22UCGS	Braintree East
22UCGT	Braintree South
22UCGU	Bumpstead
22UCGW	Coggeshall and North Feering
22UCGX	Cressing and Stisted
22UCGY	Gosfield and Greenstead Green
22UCGZ	Great Notley and Braintree West
22UCHA	Halstead St Andrew's
22UCHB	Halstead Trinity
22UHC	Hatfield Peverel
22UCHD	Hedingham and Maplestead
22UCHE	Kelvedon
22UCHF	Panfield
22UCHG	Rayne
22UCHH	Stour Valley North
22UCHJ	Stour Valley South
22UCHK	The Three Colnes
22UACL	Three Fields
22UCHM	Upper Colne
22UCHN	Witham Chipping Hill and Central
22UCHP	Witham North
22UCHQ	Witham South
22UCHR	Witham West
22UCHS	Yeldham
22UDFT	Brentwood North
22UDFU	Brentwood South
22UDFW	Brentwood West
22UDFX	Brizes and Doddinghurst
22UDFY	Herongate, Ingrave and West Horndon
22UDFZ	Hutton Central
22UDGA	Hutton East
22UDGB	Hutton North
22UDGC	Hutton South

22UDGD	Ingatestone, Fryerning and Mountnessing
22UDGE	Pilgrims Hatch
22UDGF	Shenfield
22UDGG	South Weald
22UDGH	Tipps Cross
22UDGJ	Warley
22UEFQ	Appleton
22UEFR	Boyce
22UEFS	Canvey Island Central
22UEFT	Canvey Island East
22UEFU	Canvey Island North
22UEFW	Canvey Island South
22UEFX	Canvey Island West
22UEFY	Canvey Island Winter Gardens
22UEFZ	Cedar Hall
22UEGA	St George's
22UEGB	St James
22UEGC	St Mary's
22UEGD	St Peter's
22UEGE	Victoria
22UFGE	Bicknacre and East and West Hanningfield
22UFGF	Boreham and The Leighs
22UFGG	Broomfield and The Walthams
22UFGH	Chelmer Village and Beaulieu Park
22UFGJ	Chelmsford Rural West
22UFGK	Galleywood
22UFGM	Goat Hall
22UFGN	Great Baddow East
22UFGP	Great Baddow West
22UFGQ	Little Baddow, Danbury and Sandon
22UFGR	Marconi
22UFGS	Moulsham and Central
22UFGT	Moulsham Lodge
22UFGU	Patching Hall
22UFGV	Rettendon and Runwell
22UFGW	St Andrews
22UFGX	South Hanningfield, Stock and Margaretting
22UFGY	South Woodham-Chetwood and Collingwood
22UFGZ	South Woodham-Elmwood and Woodville
22UFHA	Springfield North

22UFHB	The Lawns
22UFHC	Trinity
22UFHD	Waterhouse Farm
22UFHE	Writtle
22UGGE	Berechurch
22UGGF	Birch and Winstree
22UGGG	Castle
22UGGH	Christ Church
22UGGJ	Copford and West Stanway
22UGGK	Dedham and Langham
22UGGL	East Donyland
22UGGM	Fordham and Stour
22UGGN	Great Tey
22UGGP	Harbour
22UGGQ	Highwoods
22UGGR	Lexden
22UGGS	Marks Tey
22UGGT	Mile End
22UGGU	New Town
22UGGW	Prettygate
22UGGX	Pyefleet
22UGGY	St Andrew's
22UGGZ	St Anne's
22UGHA	St John's
22UGHB	Shrub End
22UGHC	Stanway
22UGHD	Tiptree
22UGHE	West Bergholt and Eight Ash Green
22UGHF	West Mersea
22UGHG	Wivenhoe Cross
22UGHH	Wivenhoe Quay
22UHGH	Broadley Common, Epping Upland and Nazeing
22UHGJ	Buckhurst Hill East
22UHGK	Buckhurst Hill West
22UHGL	Chigwell Row
22UHGM	Chigwell Village
22UHGN	Chipping Ongar, Greensted and Marden Ash
22UHGP	Epping Hemnall
22UHGQ	Epping Lindsey and Thornwood Common
22UHGR	Grange Hill

22UHGS	Hastingwood, Matching and Sheering Village
22UHGT	High Ongar, Willingale and The Rodings
22UHGU	Lambourne
22UHGW	Loughton Alderton
22UHGX	Loughton Broadway
22UHGY	Loughton Fairmead
22UHGZ	Loughton Forest
22UHHA	Loughton Roding
22UHHB	Loughton St John's
22UHHC	Loughton St Mary's
22UHHD	Lower Nazeing
22UHHE	Lower Sheering
22UHHF	Moreton and Fyfield
22UHGG	North Weald Bassett
22UHGH	Passingford
22UHHJ	Roydon
22UHKK	Shelley
22UHLL	Theydon Bois
22UHMM	Waltham Abbey High Beach
22UHHN	Waltham Abbey Honey Lane
22UHHP	Waltham Abbey North East
22UHHQ	Waltham Abbey Paternoster
22UHHR	Waltham Abbey South West
22UJFS	Bush Fair
22UJFT	Church Langley
22UJFU	Great Parndon
22UJFW	Harlow Common
22UJFX	Little Parndon and Hare Street
22UJFY	Mark Hall
22UJFZ	Netteswell
22UJGA	Old Harlow
22UJGB	Staple Tye
22UJGC	Sumners and Kingsmoor
22UJGD	Toddbrook
22UKFX	Althorne
22UKFY	Burnham-on-Crouch North
22UKFZ	Burnham-on-Crouch South
22UKGA	Great Totham
22UKGB	Heybridge East
22UKGC	Heybridge West

22UKGD	Maldon East
22UKGE	Maldon North
22UKGF	Maldon South
22UKGG	Maldon West
22UKGH	Mayland
22UKGJ	Purleigh
22UKGK	Southminster
22UKGL	Tillingham
22UKGM	Tollesbury
22UKGN	Tolleshunt D'Arcy
22UKGP	Wickham Bishops and Woodham
22ULGA	Ashingdon and Canewdon
22ULGB	Barling and Sutton
22ULGC	Downhall and Rawreth
22ULGD	Foulness and Great Wakering
22ULGE	Grange
22ULGF	Hawkwell North
22ULGG	Hawkwell South
22ULGH	Hawkwell West
22ULGJ	Hockley Central
22ULGK	Hockley North
22ULGL	Hockley West
22ULGM	Hullbridge
22ULGN	Lodge
22ULGP	Rayleigh Central
22ULGQ	Rochford
22ULGR	Sweyne Park
22ULGS	Trinity
22ULGT	Wheatley
22ULGU	Whitehouse
22UNGK	Alresford
22UNGL	Alton Park
22UNGM	Ardleigh and Little Bromley
22UNGN	Beaumont and Thorpe
22UNGP	Bockings Elm
22UNGQ	Bradfield, Wrabness and Wix
22UNGR	Brightlingsea
22UNGS	Burrsville
22UNGT	Frinton
22UNGU	Golf Green

22UNGW	Great and Little Oakley
22UNGX	Great Bentley
22UNGY	Hamford
22UNGZ	Harwich East
22UNHA	Harwich East Central
22UNHB	Harwich West
22UNHC	Harwich West Central
22UNHD	Haven
22UNHE	Holland and Kirby
22UNHF	Homelands
22UNHG	Lawford
22UNHH	Little Clacton and Weeley
22UNHJ	Manningtree, Mistley, Little Bentley and Tendring
22UNHK	Peter Bruff
22UNHL	Pier
22UNHM	Ramsey and Parkeston
22UNHN	Rush Green
22UNHP	St Bartholomews
22UNHQ	St James
22UNHR	St Johns
22UNHS	St Marys
22UNHT	St Osyth and Point Clear
22UNHU	St Pauls
22UNHW	Thorrington, Frating, Elmstead and Great Bromley
22UNHX	Walton
22UQGJ	Ashdon
22UQ GK	Barnston and High Easter
22UQGL	Birchanger
22UQGM	Broad Oak and the Hallingburys
22UQGN	Clavering
22UQGP	Elsenham and Henham
22UQGQ	Felsted
22UQGR	Great Dunmow North
22UQGS	Great Dunmow South
22UQGT	Hatfield Heath
22UQGU	Littlebury
22UQGW	Newport
22UQGX	Saffron Walden Audley
22UQGY	Saffron Walden Castle
22UQGZ	Saffron Walden Shire

22UQHA	Stansted North
22UQHB	Stansted South
22UQHC	Stebbing
22UQHD	Stort Valley
22UQHE	Takeley and the Canfields
22UQHF	Thaxted
22UQHG	The Chesterfords
22UQHH	The Eastons
22UQHJ	The Rodings
22UQHK	The Sampfords
22UQHL	Wenden Lofts
22UQHM	Wimbish and Debden
23UBFQ	All Saints
23UBFR	Battledown
23UBFS	Benhall and The Reddings
23UBFT	Charlton Kings
23UBFU	Charlton Park
23UBFW	College
23UBFX	Hesters Way
23UBFY	Lansdown
23UBFZ	Leckhampton
23UBGA	Oakley
23UBGB	Park
23UBGC	Pittville
23UBGD	Prestbury
23UBGE	St Mark's
23UBGF	St Paul's
23UBGG	St Peter's
23UBGH	Springbank
23UBGJ	Swindon Village
23UBGK	Up Hatherley
23UBGL	Warden Hill
23UCGL	Ampney-Coln
23UCGM	Avening
23UCGN	Beacon-Stow
23UCGP	Blockley
23UCGQ	Bourton-on-the-Water
23UCGR	Campden-Vale
23UCGS	Chedworth
23UCGT	Churn Valley

23UCGU	Cirencester Beeches
23UCGW	Cirencester Chesterton
23UCGX	Cirencester Park
23UCGY	Cirencester Stratton-Whiteway
23UCGZ	Cirencester Watermoor
23UCHA	Ermin
23UCHB	Fairford
23UCHC	Fosseridge
23UCHD	Grumbolds Ash
23UCHE	Hampton
23UCHF	Kempsford-Lechlade
23UCHG	Moreton-in-Marsh
23UCHH	Northleach
23UCHJ	Rissingtons
23UCHK	Riversmeet
23UCHL	Sandywell
23UCHM	Tetbury
23UCHN	Thames Head
23UCHP	Three Rivers
23UCHQ	Water Park
23UDGF	Alvington, Aylburton and West Lydney
23UDGG	Awre
23UDGH	Berry Hill
23UDGJ	Blaisdon and Longhope
23UDGK	Bream
23UDGL	Bromesberrow and Dymock
23UDGM	Christchurch and English Bicknor
23UDGN	Churcham and Huntley
23UDGP	Cinderford East
23UDGQ	Cinderford West
23UDGR	Coleford Central
23UDGS	Coleford East
23UDGT	Hartpury
23UDGU	Hewelsfield and Woolaston
23UDGW	Littledean and Ruspidge
23UDGX	Lydbrook and Ruardean
23UDGY	Lydney East
23UDGZ	Lydney North
23UDHA	Mitcheldean and Drybrook
23UDHB	Newent Central



23UDHC	Newland and St Briavels
23UDHD	Newnham and Westbury
23UDHE	Oxenhall and Newent North East
23UDHF	Pillowell
23UDHG	Redmarley
23UDHH	Tibberton
23UDHJ	Tidenham
23UEFR	Abbey
23UEFS	Barnwood
23UEFT	Barton and Tredworth
23UEFU	Elmbridge
23UEFW	Grange
23UEFX	Hucclecote
23UEFY	Kingsholm and Wotton
23UEFZ	Longlevens
23UEGA	Matson and Robinswood
23UEGB	Moreland
23UEGC	Podsmead
23UEGD	Quedgeley Fieldcourt
23UEGE	Quedgeley Severn Vale
23UEGF	Tuffley
23UEGG	Westgate
23UFGJ	Amberley and Woodchester
23UFGK	Berkeley
23UFGI	Bisley
23UFGM	Cainscross
23UFGN	Cam East
23UFGP	Cam West
23UFGQ	Central
23UFGR	Chalford
23UFGS	Coaley and Uley
23UFGT	Dursley
23UFGU	Eastington and Standish
23UFGW	Farmhill and Paganhill
23UFGX	Hardwicke
23UFGY	Kingswood
23UFGZ	Minchinhampton
23UFHA	Nailsworth
23UFHB	Over Stroud
23UFHC	Painswick

23UFHD	Rodborough
23UFHE	Severn
23UFHF	Slade
23UFHG	Stonehouse
23UFHH	The Stanleys
23UFHJ	Thrupp
23UFHK	Trinity
23UFHL	Uplands
23UFHM	Upton St Leonards
23UFHN	Vale
23UFHP	Valley
23UFHQ	Wotton-under-Edge
23UGGE	Ashchurch with Walton Cardiff
23UGGF	Badgeworth
23UGGG	Brockworth
23UGGH	Churchdown Brookfield
23UGGJ	Churchdown St John's
23UGGK	Cleeve Grange
23UGGL	Cleeve Hill
23UGGM	Cleeve St Michael's
23UGGN	Cleeve West
23UGGP	Coombe Hill
23UGGQ	Highnam with Haw Bridge
23UGGR	Hucclecote
23UGGS	Innsworth with Down Hatherley
23UGGT	Isbourne
23UGGU	Northway
23UGGW	Oxenton Hill
23UGGX	Shurdington
23UGGY	Tewkesbury Newtown
23UGGZ	Tewkesbury Prior's Park
23UGHA	Tewkesbury Town with Mitton
23UGHB	Twyning
23UGHC	Winchcombe
24UBHP	Basing
24UBHQ	Baughurst
24UBHR	Brighton Hill North
24UBHS	Brighton Hill South
24UBHT	Brookvale and Kings Furlong
24UBHU	Buckskin

24UBHW	Burghclere
24UBHX	Calleva
24UBHY	Chineham
24UBHZ	East Woodhay
24UBJA	Eastrop
24UBJB	Grove
24UBJC	Hatch Warren and Beggarwood
24UBJD	Highclere and Bourne
24UBJE	Kempshott
24UBJF	Kingsclere
24UBJG	Norden
24UBJH	Oakley and North Waltham
24UBJJ	Overton, Laverstoke and Steventon
24UBJK	Pamber
24UBJL	Popley East
24UBJM	Popley West
24UBJN	Rooksdown
24UBJP	Sherborne St John
24UBJQ	South Ham
24UBJR	Tadley North
24UBJS	Tadley South
24UBJT	Upton Grey and The Candovers
24UBJU	Whitchurch
24UBJW	Winklebury
24UCGJ	Alton Amery
24UCGK	Alton Ashdell
24UCGL	Alton Eastbrooke
24UCGM	Alton Westbrooke
24UCGN	Alton Whitedown
24UCGP	Alton Wooteys
24UCGQ	Binsted and Bentley
24UCGR	Bramshott and Liphook
24UCGS	Clanfield and Finchdean
24UCGT	Downland
24UCGU	East Meon
24UCGW	Four Marks and Medstead
24UCGX	Froxfield and Steep
24UCGY	Grayshott
24UCGZ	Headley
24UCHA	Holybourne and Froyle

24UCHB	Horndean Catherington and Lovedean
24UHC	Horndean Downs
24UCHD	Horndean Hazleton and Blendworth
24UCHE	Horndean Kings
24UCHF	Horndean Murray
24UCHG	Lindford
24UCHH	Liss
24UCHJ	Petersfield Bell Hill
24UCHK	Petersfield Causeway
24UChL	Petersfield Heath
24UCHM	Petersfield Rother
24UCHN	Petersfield St Marys
24UCHP	Petersfield St Peters
24UCHQ	Ropley and Tisted
24UCHR	Rowlands Castle
24UCHS	Selborne
24UCHT	The Hangers and Forest
24UCHU	Whitehill Chase
24UCHW	Whitehill Deadwater
24UCHX	Whitehill Hogmoor
24UCHY	Whitehill Pinewood
24UCHZ	Whitehill Walldown
24UDFT	Bishopstoke East
24UDFU	Bishopstoke West
24UDFW	Botley
24UDFX	Bursledon and Old Netley
24UDFY	Chandler's Ford East
24UDFZ	Chandler's Ford West
24UDGA	Eastleigh Central
24UDGB	Eastleigh North
24UDGC	Eastleigh South
24UDGD	Fair Oak and Horton Heath
24UDGE	Hamble-le-Rice and Butlocks Heath
24UDGF	Hedge End Grange Park
24UDGG	Hedge End St John's
24UDGH	Hedge End Wildern
24UDGJ	Hiltingbury East
24UDGK	Hiltingbury West
24UDGL	Netley Abbey
24UDGM	West End North

24UDGN	West End South
24UEFQ	Fareham East
24UEFR	Fareham North
24UEFS	Fareham North-West
24UEFT	Fareham South
24UEFU	Fareham West
24UEFW	Hill Head
24UEFX	Locks Heath
24UEFY	Park Gate
24UEFZ	Portchester East
24UEGA	Portchester West
24UEGB	Sarisbury
24UEGC	Stubbington
24UEGD	Titchfield
24UEGE	Titchfield Common
24UEGF	Warsash
24UFFL	Alverstoke
24UFFM	Anglesey
24UFFN	Bridgemary North
24UFFP	Bridgemary South
24UFFQ	Brockhurst
24UFFR	Christchurch
24UFFS	Elson
24UFFT	Forton
24UFFU	Grange
24UFFW	Hardway
24UFFX	Lee East
24UFFY	Lee West
24UFFZ	Leesland
24UFGA	Peel Common
24UFGB	Privett
24UFGC	Rowner and Holbrook
24UFGD	Town
24UGFS	Blackwater and Hawley
24UGFT	Church Crookham East
24UGFU	Church Crookham West
24UGFW	Cron dall
24UGFX	Eversley
24UGFY	Fleet Central
24UGFZ	Fleet Courtmoor

24UGGA	Fleet North
24UGGB	Fleet Pondtail
24UGGC	Fleet West
24UGGD	Frogmore and Darby Green
24UGGE	Hartley Wintney
24UGGF	Hook
24UGGG	Long Sutton
24UGGH	Odiham
24UGGJ	Yateley East
24UGGK	Yateley North
24UGGL	Yateley West
24UHFQ	Barncroft
24UHFR	Battins
24UHFS	Bedhampton
24UHFT	Bondfields
24UHFU	Cowplain
24UHFV	Emsworth
24UHFX	Hart Plain
24UHFY	Hayling East
24UHfZ	Hayling West
24UHGA	Purbrook
24UHGB	St Faith's
24UHGC	Stakes
24UHGD	Warren Park
24UHGE	Waterloo
24UJGL	Ashurst, Copythorne South and Netley Marsh
24UJGM	Barton
24UJGN	Bashley
24UJGP	Becton
24UJGQ	Boldre and Sway
24UJGR	Bramshaw, Copythorne North and Minstead
24UJGS	Bransgore and Burley
24UJGT	Brockenhurst and Forest South East
24UJGU	Buckland
24UJGW	Butts Ash and Dibden Purlieu
24UJGX	Dibden and Hythe East
24UJGY	Downlands and Forest
24UJGZ	Fawley, Blackfield and Langley
24UJHA	Fernhill
24UJHB	Fordingbridge

24UJHC	Forest North West
24UJHD	Furzedown and Hardley
24UJHE	Holbury and North Blackfield
24UJHF	Hordle
24UJHG	Hythe West and Langdown
24UJHH	Lymington Town
24UJHJ	Lyndhurst
24UJHK	Marchwood
24UJHL	Milford
24UJHM	Milton
24UJHN	Pennington
24UJHP	Ringwood East and Sopley
24UJHQ	Ringwood North
24UJHR	Ringwood South
24UJHS	Totton Central
24UJHT	Totton East
24UJHU	Totton North
24UJHW	Totton South
24UJHX	Totton West
24ULFR	Cove and Southwood
24ULFS	Empress
24ULFT	Fernhill
24ULFU	Grange
24ULFW	Heron Wood
24ULFX	Knellwood
24ULFY	Manor Park
24ULFZ	Mayfield
24ULGA	North Town
24ULGB	Rowhill
24ULGC	St. John's
24ULGD	St. Mark's
24ULGE	Wellington
24ULGF	Westheath
24UNGA	Abbey
24UNGB	Alamein
24UNGC	Ampfield and Braishfield
24UNGD	Amport
24UNGE	Anna
24UNGF	Blackwater
24UNGG	Bourne Valley

24UNGH	Broughton and Stockbridge
24UNGJ	Charlton
24UNGK	Chilworth, Nursling and Rownhams
24UNGL	Cupernham
24UNGM	Dun Valley
24UNGN	Harewood
24UNGP	Harroway
24UNGQ	Kings Somborne and Michelmersh
24UNGR	Millway
24UNGS	North Baddesley
24UNGT	Over Wallop
24UNGU	Penton Bellinger
24UNGW	Romsey Extra
24UNGX	St Mary's
24UNGY	Tadburn
24UNGZ	Valley Park
24UNHA	Winton
24UPGK	Bishops Waltham
24UPGL	Boarhunt and Southwick
24UPGM	Cheriton and Bishops Sutton
24UPGN	Colden Common and Twyford
24UPGP	Compton and Otterbourne
24UPGQ	Denmead
24UPGR	Droxford, Soberton and Hambledon
24UPGS	Itchen Valley
24UPGT	Kings Worthy
24UPGU	Littleton and Harestock
24UPGW	Olivers Battery and Badger Farm
24UPGX	Owslebury and Curdridge
24UPGY	St Barnabas
24UPGZ	St Bartholomew
24UPHA	St John and All Saints
24UPHB	St Luke
24UPHC	St Michael
24UPHD	St Paul
24UPHE	Shedfield
24UPHF	Sparsholt
24UPHG	Swanmore and Newtown
24UPHH	The Alresfords
24UPHJ	Upper Meon Valley



24UPHK	Whiteley
24UPLH	Wickham
24UPHM	Wonston and Micheldever
26UBFQ	Broxbourne
26UBFR	Bury Green
26UBFS	Cheshunt Central
26UBFT	Cheshunt North
26UBFU	Flamstead End
26UBFW	Goffs Oak
26UBFX	Hoddesdon North
26UBFY	Hoddesdon Town
26UBFZ	Rosedale
26UBGA	Rye Park
26UBGB	Theobalds
26UBGC	Waltham Cross
26UBGD	Wormley & Turnford
26UCGF	Adeyfield East
26UCGG	Adeyfield West
26UCGH	Aldbury and Wigginton
26UCGJ	Apsley
26UCGK	Ashridge
26UCGL	Bennetts End
26UCGM	Berkhamsted Castle
26UCGN	Berkhamsted East
26UCGP	Berkhamsted West
26UCGQ	Bovingdon, Flaunden & Chipperfield
26UCGR	Boxmoor
26UCGS	Chaulden & Shrubhill
26UCGT	Corner Hall
26UCGU	Gadebridge
26UCGW	Grove Hill
26UCGX	Hemel Hempstead Central
26UCGY	Highfield & St Pauls
26UCGZ	Kings Langley
26UCHA	Leverstock Green
26UCHB	Nash Mills
26UCHC	Northchurch
26UCHD	Tring Central
26UCHE	Tring East
26UCHF	Tring West

26UCHG	Warners End
26UCHH	Watling
26UCHJ	Woodhall
26UDGH	Bishop's Stortford All Saints
26UDGJ	Bishop's Stortford Central
26UDGK	Bishop's Stortford Meads
26UDGL	Bishop's Stortford Silverleys
26UDGM	Bishop's Stortford South
26UDGN	Braughing
26UDGP	Buntingford
26UDGQ	Datchworth & Aston
26UDGR	Great Amwell
26UDGS	Hertford Bengoe
26UDGT	Hertford Castle
26UDGU	Hertford Heath
26UDGW	Hertford Kingsmead
26UDGX	Hertford Rural North
26UDGY	Hertford Rural South
26UDGZ	Hertford Sele
26UDHA	Hunsdon
26UDHB	Little Hadham
26UDHC	Mundens and Cottered
26UDHD	Much Hadham
26UDHE	Puckeridge
26UDHF	Sawbridgeworth
26UDHG	Stanstead Abbots
26UDHH	Thundridge & Standon
26UDHJ	Walkern
26UDHK	Ware Chadwell
26UDHL	Ware Christchurch
26UDHM	Ware St Mary's
26UDHN	Ware Trinity
26UDHP	Watton-at-Stone
26UEFX	Aldenham East
26UEFY	Aldenham West
26UEFZ	Borehamwood Brookmeadow
26UEGA	Borehamwood Cowley Hill
26UEGB	Borehamwood Hillside
26UEGC	Borehamwood Kenilworth
26UEGD	Bushey Heath

26UEGE	Bushey North
26UEGF	Bushey Park
26UEGG	Bushey St James
26UEGH	Elstree
26UEGJ	Potters Bar Furzefield
26UEGK	Potters Bar Oakmere
26UEGL	Potters Bar Parkfield
26UEGM	Shenley
26UFGC	Arbury
26UFGD	Baldock East
26UFGE	Baldock Town
26UFGF	Cadwell
26UFGG	Codicote
26UFGH	Ermine
26UFGJ	Graveley & Wymondley
26UFGK	Hitchin Bearton
26UFG L	Hitchin Highbury
26UFGM	Hitchin Oughton
26UFGN	Hitchin Priory
26UFGP	Hitchin Walsworth
26UFGQ	Hitchwood
26UFG R	Hoo
26UFGS	Kimpton
26UFGT	Knebworth
26UFGU	Letchworth East
26UFGW	Letchworth Grange
26UFGX	Letchworth South East
26UFGY	Letchworth South West
26UFGZ	Letchworth Wilbury
26UFHA	Offa
26UFHB	Royston Heath
26UFHC	Royston Meridian
26UFHD	Royston Palace
26UFHE	Weston and Sandon
26UGFX	Ashley
26UGFY	Batchwood
26UGFZ	Clarence
26UGGA	Colney Heath
26UGGB	Cunningham
26UGGC	Harpenden East

26UGGD	Harpenden North
26UGGE	Harpenden South
26UGGF	Harpenden West
26UGGG	London Colney
26UGGH	Marshalswick North
26UGGJ	Marshalswick South
26UGGK	Park Street
26UGGL	Redbourn
26UGGM	St Peters
26UGGN	St Stephen
26UGGP	Sandridge
26UGGQ	Sopwell
26UGGR	Verulam
26UGGS	Wheathampstead
26UHFQ	Bandley Hill
26UHFR	Bedwell
26UHFS	Chells
26UHFT	Longmeadow
26UHFU	Manor
26UHFW	Martins Wood
26UHFX	Old Town
26UHFY	Pin Green
26UHfZ	Roebuck
26UHGA	St Nicholas
26UHGB	Shephall
26UHGC	Symonds Green
26UHGD	Woodfield
26UJFX	Abbots Langley
26UJFY	Ashridge
26UJFZ	Bedmond & Primrose Hill
26UJGA	Carpenders Park
26UJGB	Chorleywood East
26UJGC	Chorleywood West
26UJGD	Croxley Green
26UJGE	Croxley Green North
26UJGF	Croxley Green South
26UJGG	Hayling
26UJGH	Langleybury
26UJGJ	Leavesden
26UJGK	Maple Cross & Mill End

26UJGL	Moor Park & Eastbury
26UJGM	Northwick
26UJGN	Oxhey Hall
26UJGP	Penn
26UJGQ	Rickmansworth
26UJGR	Rickmansworth West
26UJGS	Sarratt
26UKFN	Callowland
26UKFP	Central
26UKFQ	Holywell
26UKFR	Leggatts
26UKFS	Meriden
26UKFT	Nascot
26UKFU	Oxhey
26UKFW	Park
26UKFX	Stanborough
26UKFY	Tudor
26UKFZ	Vicarage
26UKGA	Woodside
26ULGJ	Brookmans Park and Little Heath
26ULGK	Haldens
26ULGL	Handside
26ULGM	Hatfield Central
26ULGN	Hatfield East
26ULGP	Hatfield North
26ULGQ	Hatfield South
26ULGR	Hatfield West
26ULGS	Hollybush
26ULGT	Howlands
26ULGU	Northaw
26ULGW	Panshanger
26ULGX	Peartree
26ULGY	Sherrards
26ULGZ	Welham Green
26ULHA	Welwyn North
26ULHB	Welwyn South
29UBGZ	Aylesford Green
29UBHA	Beaver
29UBHB	Biddenden
29UBHC	Bockhanger

29UBHD	Boughton Aluph and Eastwell
29UBHE	Bybrook
29UBHF	Charing
29UBHG	Downs North
29UBHH	Downs West
29UBHJ	Godinton
29UBHK	Great Chart with Singleton North
29UBHL	Highfield
29UBHM	Isle of Oxney
29UBHN	Kennington
29UBHP	Little Burton Farm
29UBHQ	Norman
29UBHR	North Willesborough
29UBHS	Park Farm North
29UBHT	Park Farm South
29UBHU	Rolvenden and Tenterden West
29UBHW	St Michaels
29UBHX	Saxon Shore
29UBHY	Singleton South
29UBHZ	South Willesborough
29UBJA	Stanhope
29UBJB	Stour
29UBJC	Tenterden North
29UBJD	Tenterden South
29UBJE	Victoria
29UBJF	Washford
29UBJG	Weald Central
29UBJH	Weald East
29UBJJ	Weald North
29UBJK	Weald South
29UBJL	Wye
29UCGC	Barham Downs
29UCGD	Barton
29UCGE	Blean Forest
29UCGF	Chartham and Stone Street
29UCGG	Chestfield and Swalecliffe
29UCGH	Gorrell
29UCGJ	Greenhill and Eddington
29UCGK	Harbledown
29UCGL	Harbour

29UCGM	Herne and Broomfield
29UCGN	Heron
29UCGP	Little Stour
29UCGQ	Marshside
29UCGR	North Nailbourne
29UCGS	Northgate
29UCGT	Reculver
29UCGU	St Stephens
29UCGW	Seasalter
29UCGX	Sturry North
29UCGY	Sturry South
29UCGZ	Tankerton
29UCHA	West Bay
29UCHB	Westgate
29UHC	Wincheap
29UDGA	Bean and Darent
29UDGB	Brent
29UDGC	Castle
29UDGD	Greenhithe
29UDGE	Heath
29UDGF	Joyce Green
29UDGG	Joydens Wood
29UDGH	Littlebrook
29UDGJ	Longfield, New Barn and Southfleet
29UDGK	Newtown
29UDGL	Princes
29UDGM	Stone
29UDGN	Sutton-at-Hone and Hawley
29UDGP	Swanscombe
29UDGQ	Town
29UDGR	West Hill
29UDGS	Wilmington
29UEGJ	Aylesham
29UEGK	Buckland
29UEGL	Capel-le-Ferne
29UEGM	Castle
29UEGN	Eastry
29UEGP	Eythorne and Shepherdswell
29UEGQ	Little Stour and Ashstone
29UEGR	Lydden and Temple Ewell

29UEGS	Maxton, Elms Vale and Priory
29UEGT	Middle Deal and Sholden
29UEGU	Mill Hill
29UEGW	North Deal
29UEGX	Ringwould
29UEGY	River
29UEGZ	St Margaret's-at-Cliffe
29UEHA	St Radigunds
29UEHB	Sandwich
29UEHC	Tower Hamlets
29UEHD	Town and Pier
29UEHE	Walmer
29UEHF	Whitfield
29UGFW	Central
29UGFX	Chalk
29UGFY	Coldharbour
29UGFZ	Higham
29UGGA	Istead Rise
29UGGB	Meopham North
29UGGC	Meopham South and Vigo
29UGGD	Northfleet North
29UGGE	Northfleet South
29UGGF	Painters Ash
29UGGG	Pelham
29UGGH	Riverside
29UGGJ	Riverview
29UGGK	Shorne, Cobham and Luddesdown
29UGGL	Singlewell
29UGGM	Westcourt
29UGGN	Whitehill
29UGGP	Woodlands
29UHGF	Allington
29UHGG	Barming
29UHGH	Bearsted
29UHGJ	Boughton Monchelsea and Chart Sutton
29UHGK	Boxley
29UHGL	Bridge
29UHGM	Coxheath and Hunton
29UHGN	Detling and Thurnham
29UHGP	Downswood and Otham



29UHGQ	East
29UHGR	Fant
29UHGS	Harrietsham and Lenham
29UHGT	Headcorn
29UHGU	Heath
29UHGW	High Street
29UHGX	Leeds
29UHGY	Loose
29UHGZ	Marden and Yalding
29UHHA	North
29UHHB	North Downs
29UHHC	Park Wood
29UHHD	Shepway North
29UHHE	Shepway South
29UHHF	South
29UHHG	Staplehurst
29UHHL	Sutton Valence and Langley
29UKGK	Ash
29UKGL	Brasted, Chevening and Sundridge
29UKGM	Cowden and Hever
29UKGN	Crockenhill and Well Hill
29UKGP	Dunton Green and Riverhead
29UKGQ	Edenbridge North and East
29UKGR	Edenbridge South and West
29UKGS	Eynsford
29UKGT	Farningham, Horton Kirby and South Darent
29UKGU	Fawkham and West Kingsdown
29UKGW	Halstead, Knockholt and Badgers Mount
29UKGX	Hartley and Hodsoll Street
29UKGY	Hextable
29UKGZ	Kemsing
29UKHA	Leigh and Chiddingstone Causeway
29UKHB	Otford and Shoreham
29UKHC	Penshurst, Fordcombe and Chiddingstone
29UKHD	Seal and Weald
29UKHE	Sevenoaks Eastern
29UKHF	Sevenoaks Kippington
29UKHG	Sevenoaks Northern
29UKHH	Sevenoaks Town and St John's
29UKHJ	Swanley Christchurch and Swanley Village

29UKHK	Swanley St Mary's
29UKHL	Swanley White Oak
29UKHM	Westerham and Crockham Hill
29ULGC	Dymchurch and St Mary's Bay
29ULGD	Elham and Stelling Minnis
29ULGE	Folkestone Cheriton
29ULGF	Folkestone East
29ULGG	Folkestone Foord
29ULGH	Folkestone Harbour
29ULGJ	Folkestone Harvey Central
29ULGK	Folkestone Harvey West
29ULGL	Folkestone Morehall
29ULGM	Folkestone Park
29ULGN	Folkestone Sandgate
29ULGP	Hythe Central
29ULGQ	Hythe East
29ULGR	Hythe West
29ULGS	Lydd
29ULGT	Lympne and Stanford
29ULGU	New Romney Coast
29ULGW	New Romney Town
29ULGX	North Downs East
29ULGY	North Downs West
29ULGZ	Romney Marsh
29ULHA	Tolsford
29UMGC	Abbey
29UMGD	Borden
29UMGE	Boughton and Courtenay
29UMGF	Chalkwell
29UMGG	Davington Priory
29UMGH	East Downs
29UMGJ	Grove
29UMGK	Hartlip, Newington and Upchurch
29UMGL	Iwade and Lower Halstow
29UMGM	Kemsley
29UMGN	Leysdown and Warden
29UMGP	Milton Regis
29UMGQ	Minster Cliffs
29UMGR	Murston
29UMGS	Queenborough and Halfway

29UMGT	Roman
29UMGU	St Ann's
29UMGW	St Michaels
29UMGX	Sheerness East
29UMGY	Sheerness West
29UMGZ	Sheppey Central
29UMHA	Teynham and Lynsted
29UMHB	Watling
29UMHC	West Downs
29UMHD	Woodstock
29UNGE	Beacon Road
29UNGF	Birchington North
29UNGG	Birchington South
29UNGH	Bradstowe
29UNGJ	Central Harbour
29UNGK	Cliffsend and Pegwell
29UNGL	Cliftonville East
29UNGM	Cliftonville West
29UNGN	Dane Valley
29UNGP	Eastcliff
29UNGQ	Garlinge
29UNGR	Kingsgate
29UNGS	Margate Central
29UNGT	Nethercourt
29UNGU	Newington
29UNGW	Northwood
29UNGX	St Peters
29UNGY	Salmestone
29UNGZ	Sir Moses Montefiore
29UNHA	Thanet Villages
29UNHB	Viking
29UNHC	Westbrook
29UNHD	Westgate-on-Sea
29UPHJ	Aylesford
29UPHK	Blue Bell Hill and Walderslade
29UPHL	Borough Green and Long Mill
29UPHM	Burham, Eccles and Wouldham
29UPHN	Cage Green
29UPHP	Castle
29UPHQ	Ditton

29UPHR	Downs
29UPHS	East Malling
29UPHT	East Peckham and Golden Green
29UPHU	Hadlow, Mereworth and West Peckham
29UPHW	Higham
29UPHX	Hildenborough
29UPHY	Ightham
29UPHZ	Judd
29UPJA	Kings Hill
29UPJB	Larkfield North
29UPJC	Larkfield South
29UPJD	Medway
29UPJE	Snodland East
29UPJF	Snodland West
29UPJG	Trench
29UPJH	Vauxhall
29UPJJ	Wateringbury
29UPJK	West Malling and Leybourne
29UPJL	Wrotham
29UQGB	Benenden and Cranbrook
29UQGC	Brenchley and Horsmonden
29UQGD	Broadwater
29UQGE	Capel
29UQGF	Culverden
29UQGG	Frittenden and Sissinghurst
29UQGH	Goudhurst and Lamberhurst
29UQGJ	Hawkhurst and Sandhurst
29UQGK	Paddock Wood East
29UQGL	Paddock Wood West
29UQGM	Pantiles and St Mark's
29UQGN	Park
29UQGP	Pembury
29UQGQ	Rusthall
29UQGR	St James'
29UQGS	St John's
29UQGT	Sherwood
29UQGU	Southborough and High Brooms
29UQGW	Southborough North
29UQGX	Speldhurst and Bidborough
30UDGQ	Bank Hall

30UDGR	Briercliffe
30UDGS	Brunshaw
30UDGT	Cliviger with Worsthorne
30UDGU	Coal Clough with Deerplay
30UDGW	Daneshouse with Stoneyholme
30UDGX	Gannow
30UDGY	Gawthorpe
30UDGZ	Hapton with Park
30UDHA	Lanehead
30UDHB	Queensgate
30UDHC	Rosegrove with Lowerhouse
30UDHD	Rosehill with Burnley Wood
30UDHE	Trinity
30UDHF	Whittlefield with Ightenhill
30UEFZ	Adlington and Anderton
30UEGA	Astley and Buckshaw
30UEGB	Brindle and Hoghton
30UEGC	Chisnall
30UEGD	Chorley East
30UEGE	Chorley North East
30UEGF	Chorley North West
30UEGG	Chorley South East
30UEGH	Chorley South West
30UEGJ	Clayton-le-Woods and Whittle-le-Woods
30UEGK	Clayton-le-Woods North
30UEGL	Clayton-le-Woods West and Cuerden
30UEGM	Coppull
30UEGN	Ecclestone and Mawdesley
30UEGP	Euxton North
30UEGQ	Euxton South
30UEGR	Heath Charnock and Rivington
30UEGS	Lostock
30UEGT	Pennine
30UEGU	Wheelton and Withnell
30UFFZ	Ansdell
30UFGA	Ashton
30UFGB	Central
30UFGC	Clifton
30UFGD	Elswick and Little Ecclestone
30UFGE	Fairhaven

30UFGF	Freckleton East
30UFGG	Freckleton West
30UFGH	Heyhouses
30UFGJ	Kilnhouse
30UFGK	Kirkham North
30UFGM	Kirkham South
30UFGN	Medlar-with-Wesham
30UFGP	Newton and Treales
30UFGQ	Park
30UFGR	Ribby-with-Wrea
30UFGS	St Johns
30UFGT	St Leonards
30UFGU	Singleton and Greenhalgh
30UFGV	Staining and Weeton
30UFGW	Warton and Westby
30UGFT	Altham
30UGFU	Barnfield
30UGFW	Baxenden
30UGFX	Central
30UGFY	Church
30UGFZ	Clayton-le-Moors
30UGGA	Huncoat
30UGGB	Immanuel
30UGGC	Milnshaw
30UGGD	Netherton
30UGGE	Overton
30UGGF	Peel
30UGGG	Rishton
30UGGH	St Andrew's
30UGGJ	St Oswald's
30UGGK	Spring Hill
30UHGG	Bare
30UHGH	Bolton-le-Sands
30UHGJ	Bulk
30UHGK	Carnforth
30UHGL	Castle
30UHGM	Duke's
30UHGN	Ellel
30UHGP	Halton-with-Aughton
30UHGQ	Harbour

30UHGR	Heysham Central
30UHGS	Heysham North
30UHGT	Heysham South
30UHGU	John O'Gaunt
30UHGW	Kellet
30UHGX	Lower Lune Valley
30UHGY	Overton
30UHGZ	Poulton
30UHHA	Scotforth East
30UHHB	Scotforth West
30UHHC	Silverdale
30UHHD	Skerton East
30UHHE	Skerton West
30UHHF	Slyne-with-Hest
30UHHG	Torrisholme
30UHHL	University
30UHHJ	Upper Lune Valley
30UHHK	Warton
30UHHL	Westgate
30UJFW	Barrowford
30UJFX	Blacko and Higherford
30UJFY	Boulsworth
30UJFZ	Bradley
30UJGA	Brierfield
30UJGB	Clover Hill
30UJGC	Coates
30UJGD	Craven
30UJGE	Earby
30UJGF	Foulridge
30UJGG	Higham and Pendleside
30UJGH	Horsfield
30UJGJ	Marsden
30UJGK	Old Laund Booth
30UJGL	Reedley
30UJGM	Southfield
30UJGN	Vivary Bridge
30UJGP	Walverden
30UJGQ	Waterside
30UJGR	Whitefield
30UKFW	Ashton

30UKFX	Brookfield
30UKFY	Cadley
30UKFZ	College
30UKGA	Deepdale
30UKGB	Fishwick
30UKGC	Garrison
30UKGD	Greyfriars
30UKGE	Ingol
30UKGF	Larches
30UKGG	Lea
30UKGH	Moor Park
30UKGJ	Preston Rural East
30UKGK	Preston Rural North
30UKGL	Ribbleton
30UKGM	Riversway
30UKGN	St George's
30UKGP	St Matthew's
30UKGQ	Sharoe Green
30UKGR	Town Centre
30UKGS	Tulketh
30UKGT	University
30ULGB	Aighton, Bailey and Chaigley
30ULGC	Alston and Hothersall
30ULGD	Billington and Old Langho
30ULGE	Bowland, Newton and Slaidburn
30ULGF	Chatburn
30ULGG	Chipping
30ULGH	Clayton-le-Dale with Ramsgreave
30ULGJ	Derby and Thornley
30ULGK	Dilworth
30ULGL	Edisford and Low Moor
30ULGM	Gisburn, Rimington
30ULGN	Langho
30ULGP	Littlemoor
30ULGQ	Mellor
30ULGR	Primrose
30ULGS	Read and Simonstone
30ULGT	Ribchester
30ULGU	Sabden
30ULGW	St Mary's



30ULGX	Salthill
30ULGY	Waddington and West Bradford
30ULGZ	Whalley
30ULHA	Wilshire
30ULHB	Wiswell and Pendleton
30UMFP	Cribden
30UMFQ	Eden
30UMFR	Facit and Shawforth
30UMFS	Goodshaw
30UMFT	Greenfield
30UMFU	Greensclough
30UMFW	Hareholme
30UMFX	Healey and Whitworth
30UMFY	Helmshore
30UMFZ	Irwell
30UMGA	Longholme
30UMGB	Stacksteads
30UMGC	Whitewell
30UMGD	Worsley
30UNFZ	Bamber Bridge East
30UNGA	Bamber Bridge North
30UNGB	Bamber Bridge West
30UNGC	Broad Oak
30UNGD	Charnock
30UNGE	Coupe Green and Gregson Lane
30UNGF	Earnshaw Bridge
30UNGG	Farington East
30UNGH	Farington West
30UNGJ	Golden Hill
30UNGK	Howick and Priory
30UNGL	Kingsfold
30UNGM	Leyland Central
30UNGN	Leyland St. Ambrose
30UNGP	Leyland St. Mary's
30UNGQ	Little Hoole and Much Hoole
30UNGR	Longton and Hutton West
30UNGS	Lostock Hall
30UNGT	Lowerhouse
30UNGU	Middleforth
30UNGW	Moss Side

30UNGX	New Longton and Hutton East
30UNGY	Samlesbury and Walton
30UNGZ	Seven Stars
30UNHA	Tardy Gate
30UNHB	Walton-le-Dale
30UNHC	Whitefield
30UPGD	Ashurst
30UPGE	Aughton and Downholland
30UPGF	Aughton Park
30UPGG	Bickerstaffe
30UPGH	Birch Green
30UPGJ	Burscough East
30UPGK	Burscough West
30UPGL	Derby
30UPGM	Digmoor
30UPGN	Halsall
30UPGP	Hesketh-with-Becconsall
30UPGQ	Knowsley
30UPGR	Moorside
30UPGS	Newburgh
30UPGT	North Meols
30UPGU	Parbold
30UPGW	Rufford
30UPGX	Scarisbrick
30UPGY	Scott
30UPGZ	Skelmersdale North
30UPHA	Skelmersdale South
30UPHB	Tanhouse
30UPHC	Tarleton
30UPHD	Up Holland
30UPHE	Wrightington
30UQGE	Bourne
30UQGF	Breck
30UQGG	Brock
30UQGH	Cabus
30UQGJ	Calder
30UQ GK	Carleton
30UQGL	Catterall
30UQGM	Cleveleys Park
30UQGN	Garstang

30UQGP	Great Eccleston
30UQGQ	Hambleton and Stalmine-with-Staynall
30UQGR	Hardhorn
30UQGS	High Cross
30UQGT	Jubilee
30UQGU	Mount
30UQGW	Norcross
30UQGX	Park
30UQGY	Pharos
30UQGZ	Pilling
30UQHA	Preesall
30UQHB	Rossall
30UQHC	Staina
30UQHD	Tithebarn
30UQHE	Victoria
30UQHF	Warren
30UQHG	Wyresdale
31UBFY	Blaby South
31UBFZ	Cosby with South Whetstone
31UBGA	Countesthorpe
31UBGB	Croft Hill
31UBGC	Ellis
31UBGD	Enderby and St John's
31UBGE	Fairestone
31UBGF	Forest
31UBGG	Millfield
31UBGH	Muxloe
31UBGJ	Narborough and Littlethorpe
31UBGK	Normanton
31UBGL	North Whetstone
31UBGM	Pastures
31UBGN	Ravenhurst and Fosse
31UBGP	Saxondale
31UBGQ	Stanton and Flamville
31UBGR	Winstanley
31UCGG	Anstey
31UCGH	Barrow and Sileby West
31UCGJ	Birstall Wanlip
31UCGK	Birstall Watermead
31UCGL	East Goscote

31UCGM	Forest Bradgate
31UCGN	Loughborough Ashby
31UCGP	Loughborough Dishley and Hathern
31UCGQ	Loughborough Garendon
31UCGR	Loughborough Hastings
31UCGS	Loughborough Lemyngton
31UCGT	Loughborough Nanpantan
31UCGU	Loughborough Outwoods
31UCGW	Loughborough Shelthorpe
31UCGX	Loughborough Southfields
31UCGY	Loughborough Storer
31UCGZ	Mountsorrel
31UCHA	Queniborough
31UCHB	Quorn and Mountsorrel Castle
31UHC	Rothley and Thurcaston
31UCHD	Shepshed East
31UCHE	Shepshed West
31UCHF	Sileby
31UCHG	Syston East
31UCHH	Syston West
31UCHJ	The Wolds
31UCHK	Thurmaston
31UCHL	Wreake Villages
31UDGD	Billesdon
31UDGE	Bosworth
31UDGF	Broughton Astley-Astley
31UDGG	Broughton Astley-Broughton
31UDGH	Broughton Astley-Primethorpe
31UDGJ	Broughton Astley-Sutton
31UDGK	Dunton
31UDGL	Fleckney
31UDGM	Glen
31UDGN	Kibworth
31UDGP	Lubenham
31UDGQ	Lutterworth Brookfield
31UDGR	Lutterworth Orchard
31UDGS	Lutterworth Springs
31UDGT	Lutterworth Swift
31UDGU	Market Harborough-Great Bowden and Arden
31UDGW	Market Harborough-Little Bowden

31UDGX	Market Harborough-Logan
31UDGY	Market Harborough-Welland
31UDGZ	Misterton
31UDHA	Nevill
31UDHB	Peatling
31UDHC	Thurnby and Houghton
31UDHD	Tilton
31UDHE	Ullesthorpe
31UEFU	Ambien
31UEFW	Barlestone, Nailstone and Osbaston
31UEFX	Barwell
31UEFY	Burbage St Catherines and Lash Hill
31UEFZ	Burbage Sketchley and Stretton
31UEGA	Cadeby, Carlton and Market Bosworth with Shackerstone
31UEGB	Earl Shilton
31UEGC	Groby
31UEGD	Hinckley Castle
31UEGE	Hinckley Clarendon
31UEGF	Hinckley De Montfort
31UEGG	Hinckley Trinity
31UEGH	Markfield, Stanton and Fieldhead
31UEGJ	Newbold Verdon with Desford and Peckleton
31UEGK	Ratby, Bagworth and Thornton
31UEGL	Twycross and Witherley with Sheepy
31UGFT	Asfordby
31UGFU	Bottesford
31UGFW	Croxton Kerrial
31UGFX	Frisby-on-the-Wreake
31UGFY	Gaddesby
31UGFZ	Long Clawson and Stathern
31UGGA	Melton Craven
31UGGB	Melton Dorian
31UGGC	Melton Egerton
31UGGD	Melton Newport
31UGGE	Melton Sysonby
31UGGF	Melton Warwick
31UGGG	Old Dalby
31UGGH	Somerby
31UGGJ	Waltham-on-the-Wolds
31UGGK	Wymondham

31UHFZ	Appleby
31UHGA	Ashby Castle
31UHGB	Ashby Holywell
31UHGC	Ashby Ivanhoe
31UHGD	Bardon
31UHGE	Breedon
31UHGF	Castle Donington
31UHGG	Coalville
31UHGH	Greenhill
31UHGJ	Hugglescote
31UH GK	Ibstock and Heather
31UHGL	Kegworth and Whatton
31UHGM	Measham
31UHGN	Moira
31UHGP	Oakthorpe and Donisthorpe
31UHGQ	Ravenstone and Packington
31UHGR	Snibston
31UHGS	Thringstone
31UHGT	Valley
31UHGU	Whitwick
31UJFL	Oadby Brocks Hill
31UJFM	Oadby Grange
31UJFN	Oadby St Peter's
31UJFP	Oadby Uplands
31UJFQ	Oadby Woodlands
31UJFR	South Wigston
31UJFS	Wigston All Saints
31UJFT	Wigston Fields
31UJFU	Wigston Meadowcourt
31UJFW	Wigston St Wolstan's
32UBFT	Central
32UBFU	Coastal
32UBFW	Fenside
32UBFX	Fishtoft
32UBFY	Five Village
32UBFZ	Frampton and Holme
32UBGA	Kirton
32UBGB	North
32UBGC	Old Leake and Wrangle
32UBGD	Pilgrim

32UBGE	Skirbeck
32UBGF	South
32UBGG	Staniland South
32UBGH	Staniland North
32UBGJ	Swineshead and Holland Fen
32UBGK	West
32UBGL	Witham
32UBGM	Wyberton
32UCHC	Alford
32UCHD	Binbrook
32UCHE	Burgh le Marsh
32UCHF	Chapel St Leonards
32UCHG	Coningsby and Tattershall
32UCHH	Croft
32UCHJ	Frithville
32UCHK	Grimoldby
32UCLH	Halton Holegate
32UCHM	Holton le Clay
32UCHN	Horncastle
32UCHP	Hundleby
32UCHQ	Ingoldmells
32UCHR	Legbourne
32UCHS	Ludford
32UCHT	Mablethorpe Central
32UCHU	Mablethorpe East
32UCHW	Mablethorpe North
32UCHX	Mareham le Fen
32UCHY	Marshchapel
32UCHZ	North Holme
32UCJA	North Somercotes
32UCJB	North Thoresby
32UCJC	Priory
32UCJD	Roughton
32UCJE	St Clement's
32UCJF	St James'
32UCJG	St Margaret's
32UCJH	St Mary's
32UCJJ	St Michael's
32UCJK	Scarborough
32UCJL	Seacroft

32UCJM	Sibsey
32UCJN	Skidbrooke with Saltfleet Haven
32UCJP	Spilsby
32UCJQ	Stickney
32UCJR	Sutton on Sea North
32UCJS	Sutton on Sea South
32UCJT	Tetford
32UCJU	Tetney
32UCJW	Trinity
32UCJX	Trusthorpe and Mablethorpe South
32UCJY	Wainfleet and Friskney
32UCJZ	Willoughby with Sloothby
32UCKA	Winthorpe
32UCKB	Withern with Stain
32UCKC	Woodhall Spa
32UCKD	Wragby
32UDFM	Abbey
32UDFN	Birchwood
32UDFP	Boultham
32UDFQ	Bracebridge
32UDFR	Carholme
32UDFS	Castle
32UDFT	Glebe
32UDFU	Hartsholme
32UDFW	Minster
32UDFX	Moorland
32UDFY	Park
32UEGH	Ashby de la Launde
32UEGJ	Bassingham
32UEGK	Billinghay
32UEGL	Bracebridge Heath and Waddington East
32UEGM	Branston and Mere
32UEGN	Brant Broughton
32UEGP	Cliff Villages
32UEGQ	Cranwell and Byard's Leap
32UEGR	Eagle and North Scarle
32UEGS	Heckington Rural
32UEGT	Heighington and Washingborough
32UEGU	Kyme
32UEGW	Leasingham and Roxholm



32UEGX	Martin
32UEGY	Metheringham
32UEGZ	North Hykeham Forum
32UEHA	North Hykeham Memorial
32UEHB	North Hykeham Mill
32UEHC	North Hykeham Moor
32UEHD	North Hykeham Witham
32UEHE	Osbournby
32UEHF	Ruskington
32UEHG	Skellingthorpe
32UEHH	Sleaford Castle
32UEHJ	Sleaford Holdingham
32UEHK	Sleaford Mareham
32UEHL	Sleaford Navigation
32UEHM	Sleaford Quarrington
32UEHN	Sleaford Westholme
32UEHP	Waddington West
32UFGA	Crowland
32UFGB	Deeping St Nicholas
32UFGC	Donington
32UFGD	Fleet
32UFG E	Gedney
32UFGF	Gosberton Village
32UFGG	Holbeach Hurn
32UFGH	Holbeach St John's
32UFGJ	Holbeach Town
32UFGK	Long Sutton
32UFG L	Pinchbeck
32UFGM	Spalding Castle
32UFGN	Spalding Monks House
32UFGP	Spalding St John's
32UFGQ	Spalding St Mary's
32UFG R	Spalding St Paul's
32UFGS	Spalding Wygate
32UFGT	Surfleet
32UFGU	Sutton Bridge
32UFGW	The Saints
32UFGX	Weston and Moulton
32UFGY	Whaplode
32UGGM	All Saints

32UGGN	Aveland
32UGGP	Barrowby
32UGGQ	Belmont
32UGGR	Bourne East
32UGGS	Bourne West
32UGGT	Deeping St James
32UGGU	Earlesfield
32UGGW	Ermine
32UGGX	Forest
32UGGY	Glen Eden
32UGGZ	Grantham St John's
32UGHA	Green Hill
32UGHB	Greyfriars
32UGHC	Harrowby
32UGHD	Heath
32UGHE	Hillsides
32UGHF	Isaac Newton
32UGHG	Lincrest
32UGHH	Loveden
32UGHJ	Market and West Deeping
32UGHK	Morkery
32UGHL	Peascliffe
32UGHM	Ringstone
32UGHN	St Anne's
32UGHP	St George's
32UGHQ	St Mary's
32UGHR	St Wulfram's
32UGHS	Saxonwell
32UGHT	Stamford St John's
32UGHU	Thurlby
32UGHW	Toller
32UGHX	Truesdale
32UGHY	Witham Valley
32UHGD	Bardney
32UHGE	Caistor
32UHGF	Cherry Willingham
32UHGG	Dunholme
32UHGH	Fiskerton
32UHGJ	Gainsborough East
32UHGK	Gainsborough North

32UHGL	Gainsborough South-West
32UHGM	Hemswell
32UHGN	Kelsey
32UHGP	Lea
32UHGQ	Market Rasen
32UHGR	Middle Rasen
32UHGS	Nettleham
32UHGT	Saxilby
32UHGU	Scampton
32UHGW	Scotter
32UHGX	Stow
32UHGY	Sudbrooke
32UHGZ	Thonock
32UHHA	Torksey
32UHHB	Waddingham and Spital
32UHHC	Welton
32UHHD	Wold View
32UHHE	Yarborough
33UBGU	All Saints
33UBGW	Buckenham
33UBGX	Burgh and Haverscroft
33UBGY	Conifer
33UBGZ	Dereham-Central
33UBHA	Dereham-Humbletoft
33UBHB	Dereham-Neatherd
33UBHC	Dereham-Toftwood
33UBHD	East Guiltcross
33UBHE	Eynsford
33UBHF	Haggard de Toni
33UBHG	Harling and Heathlands
33UBHH	Hermitage
33UBHJ	Launditch
33UBHK	Mid Forest
33UBHL	Nar Valley
33UBHM	Necton
33UBHN	Queen's
33UBHP	Shipdham
33UBHQ	Springvale and Scarning
33UBHR	Swaffham
33UBHS	Swanton Morley

33UBHT	Taverner
33UBHU	Templar
33UBHW	Thetford-Abbey
33UBHX	Thetford-Castle
33UBHY	Thetford-Guildhall
33UBHZ	Thetford-Saxon
33UBJA	Two Rivers
33UBJB	Upper Wensum
33UBJC	Upper Yare
33UBJD	Watton
33UBJE	Wayland
33UBJF	Weeting
33UBJG	West Guiltcross
33UBJH	Wissey
33UCGN	Acle
33UCGP	Aylsham
33UCGQ	Blofield with South Walsham
33UCGR	Brundall
33UCGS	Burlingham
33UCGT	Buxton
33UCGU	Coltishall
33UCGW	Drayton North
33UCGX	Drayton South
33UCGY	Eynesford
33UCGZ	Great Witchingham
33UCHA	Hellesdon North West
33UCHB	Hellesdon South East
33UCHC	Hevingham
33UCHD	Horsford and Felthorpe
33UCHE	Marshes
33UCHF	Old Catton and Sprowston West
33UCHG	Plumstead
33UCHH	Reepham
33UCHJ	Spixworth with St Faiths
33UCHK	Sprowston Central
33UCHL	Sprowston East
33UCHM	Taverham North
33UCHN	Taverham South
33UCHP	Thorpe St Andrew North West
33UCHQ	Thorpe St Andrew South East

33UCHR	Wroxham
33UDFY	Bradwell North
33UDFZ	Bradwell South and Hopton
33UDGA	Caister North
33UDGB	Caister South
33UDGC	Central and Northgate
33UDGD	Claydon
33UDGE	East Flegg
33UDGF	Fleggburgh
33UDGG	Gorleston
33UDGH	Lothingland
33UDGJ	Magdalen
33UDGK	Nelson
33UDGL	Ormesby
33UDGM	St Andrews
33UDGN	Southtown and Cobholm
33UDGP	West Flegg
33UDGQ	Yarmouth North
33UEGT	Airfield
33UEGU	Brancaster
33UEGW	Burnham
33UEGX	Clenchwarton
33UEGY	Denton
33UEGZ	Dersingham
33UEHA	Docking
33UEHB	Downham Old Town
33UEHC	East Downham
33UEHD	Emneth with Outwell
33UEHE	Fairstead
33UEHF	Gayton
33UEHG	Gaywood Chase
33UEHH	Gaywood North Bank
33UEHJ	Grimston
33UEHK	Heacham
33UEHL	Hilgay with Denver
33UEHM	Hunstanton
33UEHN	Mershe Lande
33UEHP	North Downham
33UEHQ	North Lynn
33UEHR	North Wootton

33UEHS	Old Gaywood
33UEHT	Priory
33UEHU	Rudham
33UEHW	St Lawrence
33UEHX	St Margarets with St Nicholas
33UEHY	Snettisham
33UEHZ	South and West Lynn
33UEJA	South Downham
33UEJB	South Wootton
33UEJC	Spellowfields
33UEJD	Springwood
33UEJE	Upwell and Delph
33UEJF	Valley Hill
33UEJG	Walpole
33UEJH	Walton
33UEJJ	Watlington
33UEJK	West Winch
33UEJL	Wiggenhall
33UEJM	Wimbotsham with Fincham
33UEJN	Wissey
33UFGP	Astley
33UFGQ	Briston
33UFGR	Chaucer
33UFGS	Corpusty
33UFGT	Cromer Town
33UFGU	Erpingham
33UFGW	Gaunt
33UFGX	Glaven Valley
33UFGY	Happisburgh
33UFGZ	High Heath
33UFHA	Holt
33UFHB	Hoveton
33UFHC	Lancaster North
33UFHD	Lancaster South
33UFHE	Mundesley
33UFHF	North Walsham East
33UFHG	North Walsham North
33UFHH	North Walsham West
33UFHJ	Poppyland
33UFHK	Priory

33UFHL	Roughton
33UFHM	Scottow
33UFHN	St Benet
33UFHP	Sheringham North
33UFHQ	Sheringham South
33UFHR	Stalham and Sutton
33UFHS	Suffield Park
33UFHT	The Raynhams
33UFHU	The Runtons
33UFHW	Walsingham
33UFHX	Waterside
33UFHY	Waxham
33UFHZ	Wensum
33UFJA	Worstead
33UGFS	Bowthorpe
33UGFT	Catton Grove
33UGFU	Crome
33UGFW	Eaton
33UGFX	Lakenham
33UGFY	Mancroft
33UGFZ	Mile Cross
33UGGA	Nelson
33UGGB	Sewell
33UGGC	Thorpe Hamlet
33UGGD	Town Close
33UGGE	University
33UGGF	Wensum
33UHGU	Abbey
33UHGW	Beck Vale
33UHGX	Bressingham and Burston
33UHGY	Brooke
33UHGZ	Bunwell
33UHHA	Chedgrave and Thurton
33UHHB	Cringleford
33UHHC	Cromwells
33UHHD	Dickleburgh
33UHHE	Diss
33UHHF	Ditchingham and Broome
33UHHG	Earsham
33UHHL	Easton

33UHHJ	Forncett
33UHHK	Gillingham
33UHHL	Harleston
33UHHM	Hempnall
33UHHN	Hethersett
33UHHP	Hingham and Deopham
33UHHQ	Loddon
33UHHR	Mulbarton
33UHHS	New Costessey
33UHHT	Newton Flotman
33UHHU	Northfields
33UHHW	Old Costessey
33UHHX	Poringland with the Framinghams
33UHHY	Rockland
33UHHZ	Roydon
33UHJA	Rustens
33UHJB	Scole
33UHJC	Stoke Holy Cross
33UHJD	Stratton
33UHJE	Tasburgh
33UHJF	Thurlton
33UHJG	Town
33UHJH	Wicklewood
34UBFN	Central
34UBFP	Danesholme
34UBFQ	East
34UBFR	Hazelwood
34UBFS	Hillside
34UBFT	Kingswood
34UBFU	Lloyds
34UBFW	Lodge Park
34UBFX	Rural East
34UBFY	Rural North
34UBFZ	Rural West
34UBGA	Shire Lodge
34UBGB	West
34UCGD	Abbey North
34UCGE	Abbey South
34UCGF	Badby
34UCGG	Barby and Kilsby



34UCGH	Boughton and Pitsford
34UCGJ	Brampton
34UCGK	Braunston
34UCGL	Brixworth
34UCGM	Byfield
34UCGN	Clipston
34UCGP	Crick
34UCGQ	Drayton
34UCGR	Flore
34UCGS	Hill
34UCGT	Long Buckby
34UCGU	Moulton
34UCGW	Ravensthorpe
34UCGX	Spratton
34UCGY	Walgrave
34UCGZ	Weedon
34UCHA	Welford
34UCHB	West Haddon and Guilsborough
34UHC	Woodford
34UCHD	Yelvertoft
34UDFX	Barnwell
34UDFY	Dryden
34UDFZ	Fineshade
34UDGA	Higham Ferrers
34UDGB	Irthlingborough
34UDGC	King's Forest
34UDGD	Lower Nene
34UDGE	Lyveden
34UDGF	Oundle
34UDGG	Prebendal
34UDGH	Raunds Saxon
34UDGJ	Raunds Windmill
34UDGK	Ringstead
34UDGL	Rushden East
34UDGM	Rushden North
34UDGN	Rushden South
34UDGP	Rushden West
34UDGQ	Stanwick
34UDGR	Thrapston
34UDGS	Woodford

34UEFZ	All Saints
34UEGA	Avondale
34UEGB	Barton
34UEGC	Brambleside
34UEGD	Buccleuch
34UEGE	Latimer
34UEGF	Loatland
34UEGG	Millbrook
34UEGH	Pipers Hill
34UEGJ	Plessy
34UEGK	Queen Eleanor
34UEGL	St Andrew's
34UEGM	St Giles
34UEGN	St Mary's
34UEGP	St Michael's
34UEGQ	St Peter's
34UEGR	Slade
34UEGS	Spinney
34UEGT	Tresham
34UEGU	Trinity
34UEGW	Warkton
34UEGX	Welland
34UEGY	Wicksteed
34UFFY	Abington
34UFFZ	Billing
34UFGA	Boughton Green
34UFGB	Castle
34UFGC	Delapre
34UFGD	East Hunsbury
34UFGE	Eastfield
34UFGF	Ecton Brook
34UFGG	Headlands
34UFGH	Kingsley
34UFGJ	Kingsthorpe
34UFGK	Lumbertubs
34UFGM	Nene Valley
34UFGN	New Duston
34UFGP	Old Duston
34UFGQ	Parklands
34UFGQ	St Crispin

34UFGR	St David
34UFGS	St James
34UFGT	Spencer
34UFGU	Thorplands
34UFGW	West Hunsbury
34UFGX	Weston
34UGGK	Astwell
34UGGL	Blakesley
34UGGM	Blisworth
34UGGN	Brackley East
34UGGP	Brackley South
34UGGQ	Brackley West
34UGGR	Chase
34UGGS	Cogenhoe
34UGGT	Cosgrove
34UGGU	Cote
34UGGW	Courteenhall
34UGGX	Deanshanger
34UGGY	Downs
34UGGZ	Grafton
34UGHA	Grange
34UGHB	Harpole
34UGHC	Heyford
34UGHD	Kings Sutton
34UGHE	Kingthorn
34UGHF	Little Brook
34UGHG	Middleton Cheney
34UGHH	Salcey
34UGHJ	Silverstone
34UGHK	Steane
34UGHL	Tove
34UGHM	Towcester Brook
34UGHN	Towcester Mill
34UGHP	Wardoun
34UGHQ	Washington
34UGHR	Whittlewood
34UGHS	Yardley
34UHFR	Brickhill
34UHFS	Castle
34UHFT	Croyland

34UHFU	Earls Barton
34UHFW	Finedon
34UHFX	Great Doddington and Wilby
34UHFY	Hemmingwell
34UHfZ	Irchester
34UHGA	North
34UHGB	Queensway
34UHGC	Redwell East
34UHGD	Redwell West
34UHGE	South
34UHGF	Swanspool
34UHGG	West
34UHGH	Wollaston
35UBFT	Alnmouth and Lesbury
35UBFU	Alnwick Castle
35UBFW	Alnwick Clayport
35UBFX	Alnwick Hotspur
35UBFY	Amble Central
35UBFZ	Amble East
35UBGA	Amble West
35UBGB	Embleton
35UBGC	Harbottle and Elsdon
35UBGD	Hedgeley
35UBGE	Longframlington
35UBGF	Longhoughton with Craster and Rennington
35UBGG	Rothbury and South Rural
35UBGH	Shilbottle
35UBGJ	Warkworth
35UBGK	Whittingham
35UCFS	Bamburgh
35UCFT	Beadnell
35UCFU	Belford
35UCFW	Cheviot
35UCFX	Edward
35UCFY	Elizabeth
35UCFZ	Flodden
35UCGA	Ford
35UCGB	Islandshire
35UCGC	Lowick
35UCGD	Norhamshire

35UCGE	North Sunderland
35UCGF	Prior
35UCGG	Seton
35UCGH	Shielfield
35UCGJ	Spittal
35UCGK	Wooler
35UDGN	Cowpen
35UDGP	Cramlington East
35UDGQ	Cramlington Eastfield with East Hartford
35UDGR	Cramlington North
35UDGS	Cramlington Parkside
35UDGT	Cramlington South East
35UDGU	Cramlington Village
35UDGW	Cramlington West
35UDGX	Croft
35UDGY	Hartley
35UDGZ	Holywell
35UDHA	Isabella
35UDHB	Kitty Brewster
35UDHC	Newsham and New Delaval
35UDHD	Plessey
35UDHE	Seaton Delaval
35UDHF	Seghill
35UDHG	South Beach
35UDHH	South Newsham
35UDHJ	Wensleydale
35UEFY	Chevington
35UEFZ	Ellington
35UEGA	Hartburn
35UEGB	Hebron, Hepscott and Mitford
35UEGC	Heddon-on-the-Wall
35UEGD	Longhorsley
35UEGE	Lynemouth
35UEGF	Morpeth Central
35UEGG	Morpeth Kirkhill
35UEGH	Morpeth North
35UEGJ	Morpeth South
35UEGK	Morpeth Stobhill
35UEGL	Pegswood
35UEGM	Ponteland East

35UEGN	Ponteland North
35UEGP	Ponteland South
35UEGQ	Ponteland West
35UEGR	Stamfordham
35UEGS	Stannington
35UEGT	Ulgham
35UFGK	Acomb
35UFGM	Allendale
35UFGN	Bellingham
35UFGP	Broomhaugh and Riding
35UFGQ	Chollerton with Whittington
35UFGR	Corbridge
35UFGS	East Tynedale
35UFGT	Hadrian
35UFGU	Haltwhistle
35UFGV	Haydon
35UFGW	Hexham Gilesgate
35UFGX	Hexham Hencotes
35UFGY	Hexham Leazes
35UFGZ	Hexham Priestpople
35UFHA	Humshaugh and Wall
35UFHB	Ovingham
35UFHC	Prudhoe Castle
35UFHD	Prudhoe North
35UFHE	Prudhoe South
35UFHF	Prudhoe West
35UFHG	Redesdale
35UFHH	Sandhoe with Dilston
35UFHJ	Slaley and Hexhamshire
35UFHK	South Tynedale
35UFHL	Stocksfield with Mickley
35UFHM	Upper North Tyne
35UFHN	Wanney
35UFHP	Warden and Newbrough
35UFHQ	Wark
35UFHR	West Tynedale
35UFHS	Wylam
35UGFS	Bedlington Central
35UGFT	Bedlington East
35UGFU	Bedlington West

35UGFW	Bothal
35UGFX	Central
35UGFY	Choppington
35UGFZ	College
35UGGA	Guide Post
35UGGB	Haydon
35UGGC	Hirst
35UGGD	Newbiggin East
35UGGE	Newbiggin West
35UGGF	Park
35UGGG	Seaton
35UGGH	Sleekburn
35UGGJ	Stakeford
36UBGB	Aire Valley with Lothersdale
36UBGC	Barden Fell
36UBGD	Bentham
36UBGE	Cowling
36UBGF	Embsay-with-Eastby
36UBGG	Gargrave and Malhamdale
36UBGH	Glusburn
36UBGJ	Grassington
36UBGK	Hellifield and Long Preston
36UBGL	Ingleton and Clapham
36UBGM	Penyghent
36UBGN	Settle and Ribblesbanks
36UBGP	Skipton East
36UBGQ	Skipton North
36UBGR	Skipton South
36UBGS	Skipton West
36UBGT	Sutton-in-Craven
36UBGU	Upper Wharfedale
36UBGW	West Craven
36UCGM	Bedale
36UCGN	Brompton
36UCGP	Broughton and Greenhow
36UCGQ	Cowtons
36UCGR	Crakehall
36UCGS	Easingwold
36UCGT	Great Ayton
36UCGU	Helperby

36UCGW	Huby and Sutton
36UCGX	Leeming
36UCGY	Leeming Bar
36UCGZ	Morton-on-Swale
36UCHA	Northallerton Broomfield
36UCHB	Northallerton Central
36UCHC	Northallerton North
36UCHD	Osmotherley
36UCHE	Romanby
36UCHF	Rudby
36UCHG	Shipton
36UCHH	Sowerby
36UCHJ	Stillington
36UCHK	Stokesley
36UCLL	Swainby
36UCHM	Tanfield
36UCHN	Thirsk
36UCHP	Thorntons
36UCHQ	Tollerton
36UCHR	Topcliffe
36UCHS	White Horse
36UCHT	Whitestonecliffe
36UDGL	Bilton
36UDGM	Bishop Monkton
36UDGN	Boroughbridge
36UDGP	Claro
36UDGQ	Granby
36UDGR	Harlow Moor
36UDGS	High Harrogate
36UDGT	Hookstone
36UDGU	Killinghall
36UDGW	Kirkby Malzeard
36UDGX	Knaresborough East
36UDGY	Knaresborough King James
36UDGZ	Knaresborough Scriven Park
36UDHA	Low Harrogate
36UDHB	Lower Nidderdale
36UDHC	Marston Moor
36UDHD	Mashamshire
36UDHE	Newby



36UDHF	New Park
36UDHG	Nidd Valley
36UDHH	Ouseburn
36UDHJ	Pannal
36UDHK	Pateley Bridge
36UDHL	Ribston
36UDHM	Ripon Minster
36UDHN	Ripon Moorside
36UDHP	Ripon Spa
36UDHQ	Rossett
36UDHR	Saltergate
36UDHS	Spofforth with Lower Wharfedale
36UDHT	Starbeck
36UDHU	Stray
36UDHW	Washburn
36UDHX	Wathvale
36UDHY	Woodfield
36UEGD	Addlebrough
36UEGE	Barton
36UEGF	Bolton Castle
36UEGG	Brompton-on-Swale and Scorton
36UEGH	Catterick
36UEGJ	Colburn
36UEGK	Croft
36UEGL	Gilling West
36UEGM	Hawes and High Abbotside
36UEGN	Hipswell
36UEGP	Hornby Castle
36UEGQ	Leyburn
36UEGR	Lower Wensleydale
36UEGS	Melsonby
36UEGT	Middleham
36UEGU	Middleton Tyas
36UEGW	Newsham with Eppleby
36UEGX	Penhill
36UEGY	Reeth and Arkengarthdale
36UEGZ	Richmond Central
36UEHA	Richmond East
36UEHB	Richmond West
36UEHC	Scotton

36UEHD	Swaledale
36UFGF	Amotherby
36UFGG	Ampleforth
36UFGH	Cropton
36UFGJ	Dales
36UFGK	Derwent
36UFGM	Helmsley
36UFGN	Hovingham
36UFGP	Kirkbymoorside
36UFGQ	Malton
36UFGR	Norton East
36UFGS	Norton West
36UFGT	Pickering East
36UFGU	Pickering West
36UFGV	Rillington
36UFGW	Ryedale South West
36UFGX	Sherburn
36UFGY	Sheriff Hutton
36UFGZ	Sinnington
36UFHA	Thornton Dale
36UFHB	Wolds
36UGFZ	Castle
36UGGA	Cayton
36UGGB	Central
36UGGC	Danby
36UGGD	Derwent Valley
36UGGE	Eastfield
36UGGF	Esk Valley
36UGGG	Falsgrave Park
36UGGH	Filey
36UGGJ	Fylingdales
36UGGK	Hertford
36UGGL	Lindhead
36UGGM	Mayfield
36UGGN	Mulgrave
36UGGP	Newby
36UGGQ	North Bay
36UGGR	Northstead
36UGGS	Ramshill
36UGGT	Scalby, Hackness and Staintondale

36UGGU	Seamer
36UGGW	Stepney
36UGGX	Streonshalh
36UGGY	Weaponness
36UGGZ	Whitby West Cliff
36UGHA	Woodlands
36UHGN	Appleton Roebuck
36UHGP	Barlby
36UHGQ	Brayton
36UHGR	Camblesforth
36UHGS	Cawood with Wistow
36UHGT	Eggborough
36UHGU	Fairburn with Brotherton
36UHGW	Hambleton
36UHGX	Hemingbrough
36UHGY	Monk Fryston and South Milford
36UHGZ	North Duffield
36UHHA	Riccall with Escrick
36UHHB	Saxton and Ulleskelf
36UHHC	Selby North
36UHHD	Selby South
36UHHE	Selby West
36UHHF	Sherburn in Elmet
36UHHG	Tadcaster East
36UH HH	Tadcaster West
36UH HJ	Whitley
37UBFR	Hucknall Central
37UBFS	Hucknall East
37UBFT	Hucknall North
37UBFU	Hucknall West
37UBFW	Jacksdale
37UBFX	Kirkby in Ashfield Central
37UBFY	Kirkby in Ashfield East
37UBFZ	Kirkby in Ashfield West
37UBGA	Selston
37UBGB	Sutton in Ashfield Central
37UBGC	Sutton in Ashfield East
37UBGD	Sutton in Ashfield North
37UBGE	Sutton in Ashfield West
37UBGF	Underwood

37UBGG	Woodhouse
37UCGE	Beckingham
37UCGF	Blyth
37UCGG	Carlton
37UCGH	Clayworth
37UCGJ	East Markham
37UCGK	East Retford East
37UCGL	East Retford North
37UCGM	East Retford South
37UCGN	East Retford West
37UCGP	Everton
37UCGQ	Harworth
37UCGR	Langold
37UCGS	Misterton
37UCGT	Rampton
37UCGU	Ranskill
37UCGW	Sturton
37UCGX	Sutton
37UCGY	Tuxford and Trent
37UCGZ	Welbeck
37UCHA	Worksop East
37UCHB	Worksop North
37UHC	Worksop North East
37UCHD	Worksop North West
37UCHE	Worksop South
37UCHF	Worksop South East
37UDFY	Attenborough
37UDFZ	Awsorth
37UDGA	Beeston Central
37UDGB	Beeston North
37UDGC	Beeston Rylands
37UDGD	Beeston West
37UDGE	Bramcote
37UDGF	Brinsley
37UDGG	Chilwell East
37UDGH	Chilwell West
37UDGJ	Cossall and Kimberley
37UDGK	Eastwood North and Greasley (Beauvale)
37UDGL	Eastwood South
37UDGM	Greasley (Giltbrook and Newthorpe)

37UDGN	Nuthall East and Strelley
37UDGP	Nuthall West and Greasley (Watnall)
37UDGQ	Stapleford North
37UDGR	Stapleford South East
37UDGS	Stapleford South West
37UDGT	Toton and Chilwell Meadows
37UDGU	Trowell
37UEGB	Bestwood Village
37UEGC	Bonington
37UEGD	Burton Joyce and Stoke Bardolph
37UEGE	Calverton
37UEGF	Carlton
37UEGG	Carlton Hill
37UEGH	Daybrook
37UEGJ	Gedling
37UEGK	Killisick
37UEGL	Kingswell
37UEGM	Lambley
37UEGN	Mapperley Plains
37UEGP	Netherfield and Colwick
37UEGQ	Newstead
37UEGR	Phoenix
37UEGS	Porchester
37UEGT	Ravenshead
37UEGU	St James
37UEGW	St Marys
37UEGX	Valley
37UEGY	Woodborough
37UEGZ	Woodthorpe
37UFFU	Berry Hill
37UFFW	Birklands
37UFFX	Broomhill
37UFFY	Cumberlands
37UFFZ	Eakring
37UFGA	Forest Town East
37UFGB	Forest Town West
37UFGC	Grange Farm
37UFGD	Ladybrook
37UFGE	Leeming
37UFGF	Lindhurst

37UFGG	Meden
37UFGH	Oak Tree
37UFGJ	Pleasley Hill
37UFGK	Portland
37UFGM	Priory
37UFGN	Ravensdale
37UFGP	Robin Hood
37UFGQ	Sherwood
37UGGH	Balderton North
37UGGJ	Balderton West
37UGGK	Beacon
37UGGL	Bilsthorpe
37UGGM	Blidworth
37UGGN	Boughton
37UGGP	Bridge
37UGGQ	Castle
37UGGR	Caunton
37UGGS	Clipstone
37UGGT	Collingham and Meering
37UGGU	Devon
37UGGW	Edwinstowe
37UGGX	Farndon
37UGGY	Farnsfield
37UGGZ	Lowdham
37UGHA	Magnus
37UGHB	Muskham
37UGHC	Ollerton
37UGHD	Rainworth
37UGHE	Southwell East
37UGHF	Southwell North
37UGHG	Southwell West
37UGHH	Sutton-on-Trent
37UGHJ	Trent
37UGHK	Winthorpe
37UJGG	Abbey
37UJGH	Bingham East
37UJGJ	Bingham West
37UJGK	Compton Acres
37UJGL	Cotgrave
37UJGM	Cranmer

37UJGN	Edwalton Village
37UJGP	Gamston
37UJGQ	Gotham
37UJGR	Keyworth North
37UJGS	Keyworth South
37UJGT	Lady Bay
37UJGU	Leake
37UJGW	Lutterell
37UJGX	Manvers
37UJGY	Melton
37UJGZ	Musters
37UJHA	Nevile
37UJHB	Oak
37UJHC	Ruddington
37UJHD	Soar Valley
37UJHE	Stanford
37UJHF	Thoroton
37UJHG	Tollerton
37UJHH	Trent
37UJHJ	Trent Bridge
37UJHK	Wiverton
37UJHL	Wolds
38UBGJ	Adderbury
38UBGK	Ambrosden and Chesterton
38UBGL	Banbury Calthorpe
38UBGM	Banbury Easington
38UBGN	Banbury Grimsbury and Castle
38UBGP	Banbury Hardwick
38UBGQ	Banbury Neithrop
38UBGR	Banbury Ruscote
38UBGS	Bicester East
38UBGT	Bicester North
38UBGU	Bicester South
38UBGW	Bicester Town
38UBGX	Bicester West
38UBGY	Bloxham and Bodicote
38UBGZ	Caversfield
38UBHA	Cropredy
38UBHB	Deddington
38UBHC	Fringford

38UBHD	Hook Norton
38UBHE	Kidlington North
38UBHF	Kidlington South
38UBHG	Kirtlington
38UBHH	Launton
38UBHJ	Otmoor
38UBHK	Sibford
38UBHL	The Astons and Heyfords
38UBHM	Wroxton
38UBHN	Yarnton, Gosford and Water Eaton
38UCFT	Barton and Sandhills
38UCFU	Blackbird Leys
38UCFW	Carfax
38UCFX	Churchill
38UCFY	Cowley
38UCFZ	Cowley Marsh
38UCGA	Headington
38UCGB	Headington Hill and Northway
38UCGC	Hinksey Park
38UCGD	Holywell
38UCGE	Iffley Fields
38UCGF	Jericho and Osney
38UCGG	Littlemore
38UCGH	Lye Valley
38UCGJ	Marston
38UCGK	North
38UCGL	Northfield Brook
38UCGM	Quarry and Risinghurst
38UCGN	Rose Hill and Iffley
38UCGP	St Clement's
38UCGQ	St Margaret's
38UCGR	St Mary's
38UCGS	Summertown
38UCGT	Wolvercote
38UDGK	Aston Rowant
38UDGL	Benson
38UDGM	Berinsfield
38UDGN	Brightwell
38UDGP	Chalgrove
38UDGQ	Chiltern Woods



38UDGR	Chinnor
38UDGS	Cholsey and Wallingford South
38UDGT	Crowmarsh
38UDGU	Didcot All Saints
38UDGW	Didcot Ladygrove
38UDGX	Didcot Northbourne
38UDGY	Didcot Park
38UDGZ	Forest Hill and Holton
38UDHA	Garsington
38UDHB	Goring
38UDHC	Great Milton
38UDHD	Hagbourne
38UDHE	Henley North
38UDHF	Henley South
38UDHG	Sandford
38UDHH	Shiplake
38UDHJ	Sonning Common
38UDHK	Thame North
38UDHL	Thame South
38UDHM	Wallingford North
38UDHN	Watlington
38UDHP	Wheatley
38UDHQ	Woodcote
38UEGJ	Abingdon Abbey and Barton
38UEGK	Abingdon Caldecott
38UEGL	Abingdon Dunmore
38UEGM	Abingdon Fitzharris
38UEGN	Abingdon Northcourt
38UEGP	Abingdon Ock Meadow
38UEGQ	Abingdon Peachcroft
38UEGR	Appleton and Cumnor
38UEGS	Blewbury and Upton
38UEGT	Craven
38UEGU	Drayton
38UEGW	Faringdon and The Coxwells
38UEGX	Greendown
38UEGY	Grove
38UEGZ	Hanneys
38UEHA	Harwell
38UEHB	Hendreds

38UEHC	Kennington and South Hinksey
38UEHD	Kingston Bagpuize with Southmoor
38UEHE	Longworth
38UEHF	Marcham and Shippon
38UEHG	North Hinksey and Wytham
38UEHH	Radley
38UEHJ	Shrivenham
38UEHK	Stanford
38UEHL	Sunningwell and Wootton
38UEHM	Sutton Courtenay and Appleford
38UEHN	Wantage Charlton
38UEHP	Wantage Segsbury
38UFGL	Alvescot and Filkins
38UFGM	Ascott and Shipton
38UFGN	Bampton and Clanfield
38UFGP	Brize Norton and Shilton
38UFGQ	Burford
38UFGR	Carterton North East
38UFGS	Carterton North West
38UFGT	Carterton South
38UFGU	Chadlington and Churchill
38UFGW	Charlbury and Finstock
38UFGX	Chipping Norton
38UFGY	Ducklington
38UFGZ	Eynsham and Cassington
38UFHA	Freeland and Hanborough
38UFHB	Hailey, Minster Lovell and Leafield
38UFHC	Kingham, Rollright and Enstone
38UFHD	Milton-under-Wychwood
38UFHE	North Leigh
38UFHF	Standlake, Aston and Stanton Harcourt
38UFHG	Stonesfield and Tackley
38UFHH	The Bartons
38UFHJ	Witney Central
38UFHK	Witney East
38UFHL	Witney North
38UFHM	Witney South
38UFHN	Witney West
38UFHP	Woodstock and Bladon
39UBFX	Albrighton South

39UBFY	Alveley
39UBFZ	Bridgnorth Castle
39UBGA	Bridgnorth East
39UBGB	Bridgnorth Morfe
39UBGC	Bridgnorth West
39UBGD	Broseley East
39UBGE	Broseley West
39UBGF	Claverley
39UBGG	Ditton Priors
39UBGH	Donington and Albrighton North
39UBGJ	Glazeley
39UBGK	Harrington
39UBGL	Highley
39UBGM	Morville
39UBGN	Much Wenlock
39UBGP	Shifnal Idsall
39UBGQ	Shifnal Manor
39UBGR	Shifnal Rural
39UBGS	Stottesdon
39UBGT	Worfield
39UCGD	Baschurch
39UCGE	Clive and Myddle
39UCGF	Cockshutt
39UCGG	Dudleston Heath
39UCGH	Ellesmere and Welshampton
39UCGJ	Hinstock
39UCGK	Hodnet
39UCGL	Hordley, Tetchill and Lyneal
39UCGM	Market Drayton East
39UCGN	Market Drayton North
39UCGP	Market Drayton South
39UCGQ	Prees
39UCGR	Shavington
39UCGS	Shawbury
39UCGT	Sutton
39UCGU	Wem East
39UCGW	Wem Rural
39UCGX	Wem West
39UCGY	Whitchurch North
39UCGZ	Whitchurch Rural

39UCHA	Whitchurch South
39UCHB	Whitchurch West
39UCHC	Whixhall
39UCHD	Woore
39UDFR	Cabin Lane
39UDFS	Cambrian
39UDFT	Carreg Llwyd
39UDFU	Castle
39UDFW	Gatacre
39UDFX	Gobowen
39UDFY	Kinnerley
39UDFZ	Llanyblodwel and Pant
39UDGA	Maserfield
39UDGB	Ruyton and West Felton
39UDGC	St. Martin's
39UDGD	Sweeney and Trefonen
39UDGE	Weston Rhyn
39UDGF	Whittington
39UEFZ	Bagley
39UEGA	Battlefield and Heathgates
39UEGB	Bayston Hill
39UEGC	Belle Vue
39UEGD	Bowbrook
39UEGE	Castlefields and Quarry
39UEGF	Column
39UEGG	Condover
39UEGH	Copthorne
39UEGJ	Hanwood and Longden
39UEGK	Harlescott
39UEGL	Haughmond and Attingham
39UEGM	Lawley
39UEGN	Meole Brace
39UEGP	Monkmoor
39UEGQ	Montford
39UEGR	Pimhill
39UEGS	Porthill
39UEGT	Rea Valley
39UEGU	Rowton
39UEGW	Severn Valley
39UEGX	Sundorne

39UEGY	Sutton and Reabrook
39UEGZ	Underdale
39UFGF	Apedale
39UFGG	Bishop's Castle with Onny Valley
39UFGH	Bitterley with Stoke St Milborough
39UFGJ	Bucknell
39UFGK	Burford
39UFGM	Caynham with Ashford
39UFGN	Chirbury
39UFGP	Church Stretton North
39UFGQ	Church Stretton South
39UFGQ	Clee
39UFGR	Cleobury Mortimer
39UFGS	Clun
39UFGT	Clun Forest
39UFGU	Corve Valley
39UFGW	Kemp Valley
39UFGX	Ludlow Henley
39UFGY	Ludlow St Laurence's
39UFGZ	Ludlow St Peter's
39UFHA	Ludlow Sheet with Ludford
39UFHB	Stokesay
39UFHC	Upper Corvedale
39UFHD	Wistanstow with Hopesay
39UFHE	Worthen
40UBGK	Ashwick and Ston Easton
40UBGL	Avalon
40UBGM	Beacon
40UBGN	Beckington and Rode
40UBGP	Chilcompton
40UBGQ	Coleford
40UBGR	Creech
40UBGS	Frome Berkley Down
40UBGT	Frome Fromefield
40UBGU	Frome Keyford
40UBGW	Frome Park
40UBGX	Frome Welshmill
40UBGY	Glastonbury St Benedict's
40UBGZ	Glastonbury St Edmund's
40UBHA	Glastonbury St John's

40UBHB	Glastonbury St Mary's
40UBHC	Knowle
40UBHD	Mells
40UBHE	Moor
40UBHF	Nedge
40UBHG	Nordinton
40UBHH	Postlebury
40UBHJ	Pylcombe
40UBHK	Rodney and Priddy
40UBHL	St Cuthbert (Out) North and West
40UBHM	Shepton East
40UBHN	Shepton West
40UBHP	Stratton
40UBHQ	Street North
40UBHR	Street South
40UBHS	Street West
40UBHT	Vale
40UBHU	Wells Central
40UBHW	Wells St Cuthbert's
40UBHX	Wells St Thomas'
40UCGJ	Axbridge
40UCGK	Axe Vale
40UCGL	Berrow
40UCGM	Brent North
40UCGN	Bridgwater Bower
40UCGP	Bridgwater Eastover
40UCGQ	Bridgwater Hamp
40UCGR	Bridgwater Quantock
40UCGS	Bridgwater Sydenham
40UCGT	Bridgwater Victoria
40UCGU	Burnham North
40UCGW	Burnham South
40UCGX	Cannington and Quantocks
40UCGY	Cheddar and Shipham
40UCGZ	East Poldens
40UCHA	Highbridge
40UCHB	Huntspill and Pawlett
40UCHC	King's Isle
40UCHD	Knoll
40UCHE	North Petherton

40UCHF	Puriton
40UCHG	Sandford
40UCHH	Wedmore and Mark
40UCHJ	West Poldens
40UCHK	Woolavington
40UDJP	Blackdown
40UDJQ	Blackmoor Vale
40UDJR	Bruton
40UDJS	Brympton
40UDJT	Burrow Hill
40UDJU	Camelot
40UDJW	Cary
40UDJX	Chard Avishayes
40UDJY	Chard Combe
40UDJZ	Chard Crimchard
40UDKA	Chard Holyrood
40UDKB	Chard Jocelyn
40UDKC	Coker
40UDKD	Crewkerne
40UDKE	Curry Rivel
40UDKF	Eggwood
40UDKG	Hamdon
40UDKH	Ilminster
40UDKJ	Islemoor
40UDKK	Ivelchester
40UDKL	Langport and Huish
40UDKM	Martock
40UDKN	Milborne Port
40UDKP	Neroche
40UDKQ	Northstone
40UDKR	Parrett
40UDKS	St Michael's
40UDKT	South Petherton
40UDKU	Tatworth and Forton
40UDKW	Tower
40UDKX	Turn Hill
40UDKY	Wessex
40UDKZ	Wincanton
40UDLA	Windwhistle
40UDLB	Yeovil Central

40UDLC	Yeovil East
40UDLD	Yeovil South
40UDLE	Yeovil West
40UDLF	Yeovil Without
40UEGH	Bishop's Hull
40UEGJ	Bishop's Lydeard
40UEGK	Blackdown
40UEGL	Bradford-on-Tone
40UEGM	Comeytrove
40UEGN	Milverton and North Deane
40UEGP	Monument
40UEGQ	Neroche
40UEGR	North Curry
40UEGS	Norton Fitzwarren
40UEGT	Ruishton and Creech
40UEGU	Staplegrove
40UEGW	Stoke St. Gregory
40UEGX	Taunton Blackbrook and Holway
40UEGY	Taunton Eastgate
40UEGZ	Taunton Fairwater
40UEHA	Taunton Halcon
40UEHB	Taunton Killams and Mountfield
40UEHC	Taunton Lyngford
40UEHD	Taunton Manor and Wilton
40UEHE	Taunton Pyrland and Rowbarton
40UEHF	Trull
40UEHG	Wellington East
40UEHH	Wellington North
40UEHJ	Wellington Rockwell Green and West
40UEHK	West Monkton
40UEHL	Wiveliscombe and West Deane
40UFFW	Alcombe East
40UFFX	Alcombe West
40UFFY	Aville Vale
40UFFZ	Brompton Ralph and Haddon
40UFGA	Carhampton and Withycombe
40UFGB	Crowcombe and Stogumber
40UFGC	Dulverton and Brushford
40UFGD	Dunster
40UFGE	Exmoor



40UFGF	Minehead North
40UFGG	Minehead South
40UFGH	Old Cleeve
40UFGJ	Porlock and District
40UFGK	Quantock Vale
40UFGM	Quarme
40UFGN	Watchet
40UFGP	West Quantock
40UFGQ	Williton
41UBFR	Brereton and Ravenhill
41UBFS	Cannock East
41UBFT	Cannock North
41UBFU	Cannock South
41UBFW	Cannock West
41UBFX	Etching Hill and The Heath
41UBFY	Hagley
41UBFZ	Hawks Green
41UBGA	Heath Hayes East and Wimblebury
41UBGB	Hednesford Green Heath
41UBGC	Hednesford North
41UBGD	Hednesford South
41UBGE	Norton Canes
41UBGF	Rawsley
41UBGG	Western Springs
41UCGC	Abbey
41UCGD	Anglesey
41UCGE	Bagots
41UCGF	Branston
41UCGG	Brizlincote
41UCGH	Burton
41UCGJ	Churnet
41UCGK	Crown
41UCGL	Eton Park
41UCGM	Heath
41UCGN	Horninglow
41UCGP	Needwood
41UCGQ	Rolleston on Dove
41UCGR	Shobnall
41UCGS	Stapenhill
41UCGT	Stretton

41UCGU	Town
41UCGW	Tutbury and Outwoods
41UCGX	Weaver
41UCGY	Winshill
41UCGZ	Yoxall
41UDGE	All Saints
41UDGF	Alrewas and Fradley
41UDGG	Armitage with Handsacre
41UDGH	Boley Park
41UDGJ	Boney Hay
41UDGK	Bourne Vale
41UDGL	Burntwood Central
41UDGM	Chadsmead
41UDGN	Chase Terrace
41UDGP	Chasetown
41UDGQ	Colton and Mavesyn Ridware
41UDGR	Curborough
41UDGS	Fazeley
41UDGT	Hammerwich
41UDGU	Highfield
41UDGW	King's Bromley
41UDGX	Leomansley
41UDGY	Little Aston
41UDGZ	Longdon
41UDHA	Mease and Tame
41UDHB	St John's
41UDHC	Shenstone
41UDHD	Stonnall
41UDHE	Stowe
41UDHF	Summerfield
41UDHG	Whittington
41UEGA	Audley and Bignall End
41UEGB	Bradwell
41UEGC	Butt Lane
41UEGD	Chesterton
41UEGE	Clayton
41UEGF	Cross Heath
41UEGG	Halmerend
41UEGH	Holditch
41UEGJ	Keele

41UEGK	Kidsgrove
41UEGL	Knutton and Silverdale
41UEGM	Loggerheads and Whitmore
41UEGN	Madeley
41UEGP	May Bank
41UEGQ	Newchapel
41UEGR	Porthill
41UEGS	Ravenscliffe
41UEGT	Seabridge
41UEGU	Silverdale and Parksite
41UEGW	Talke
41UEGX	Thistleberry
41UEGY	Town
41UEGZ	Westlands
41UEHA	Wolstanton
41UFHM	Bilbrook
41UFHN	Brewood and Coven
41UFHP	Cheslyn Hay North and Saredon
41UFHQ	Cheslyn Hay South
41UFHR	Codsall North
41UFHS	Codsall South
41UFHT	Essington
41UFHU	Featherstone and Shareshill
41UFHW	Great Wyrley Landywood
41UFHX	Great Wyrley Town
41UFHY	Himley and Swindon
41UFHZ	Huntington and Hatherton
41UFJA	Kinver
41UFJB	Pattingham and Patshull
41UFJC	Penkridge North East and Acton Trussell
41UFJD	Penkridge South East
41UFJE	Penkridge West
41UFJF	Perton Dippons
41UFJG	Perton East
41UFJH	Perton Lakeside
41UFJJ	Trysull and Seisdon
41UFJK	Wheaton Aston, Bishopswood and Lapley
41UFJL	Wombourne North and Lower Penn
41UFJM	Wombourne South East
41UFJN	Wombourne South West

41UGGH	Barlaston and Oulton
41UGGJ	Baswich
41UGGK	Chartley
41UGGL	Church Eaton
41UGGM	Common
41UGGN	Coton
41UGGP	Eccleshall
41UGGQ	Forebridge
41UGGR	Fulford
41UGGS	Gnosall and Woodseaves
41UGGT	Haywood and Hixon
41UGGU	Highfields and Western Downs
41UGGW	Holmcroft
41UGGX	Littleworth
41UGGY	Manor
41UGGZ	Milford
41UGHA	Milwich
41UGHB	Penkside
41UGHC	Rowley
41UGHD	St. Michael's
41UGHE	Seighford
41UGHF	Stonefield and Christchurch
41UGHG	Swynnerton
41UGHH	Tillington
41UGHJ	Walton
41UGHK	Weeping Cross
41UHGF	Alton
41UHGG	Bagnall and Stanley
41UHGH	Biddulph East
41UHGJ	Biddulph Moor
41UHGK	Biddulph North
41UHGL	Biddulph South
41UHGM	Biddulph West
41UHGN	Brown Edge and Endon
41UHGP	Caverswall
41UHGQ	Cellarhead
41UHGR	Cheadle North East
41UHGS	Cheadle South East
41UHGT	Cheadle West
41UHGU	Checkley

41UHGW	Cheddleton
41UHGX	Churnet
41UHGY	Dane
41UHGZ	Forsbrook
41UHHA	Hamps Valley
41UHHB	Horton
41UHHC	Ipstones
41UHHD	Leek East
41UHHE	Leek North
41UHHF	Leek South
41UHHG	Leek West
41UH HH	Manifold
41UH HJ	Werrington
41UKFL	Amington
41UKFM	Belgrave
41UKFN	Bolehall
41UKFP	Castle
41UKFQ	Glascote
41UKFR	Mercian
41UKFS	Spital
41UKFT	Stonydelph
41UKFU	Trinity
41UKFW	Wilnecote
42UBGH	Alton
42UBGJ	Berners
42UBGK	Boxford
42UBGL	Brett Vale
42UBGM	Brook
42UBGN	Bures St Mary
42UBGP	Chadacre
42UBGQ	Dodnash
42UBGR	Glensford and Stanstead
42UBGS	Great Cornard North
42UBGT	Great Cornard South
42UBGU	Hadleigh North
42UBGW	Hadleigh South
42UBGX	Holbrook
42UBGY	Lavenham
42UBGZ	Leavenheath
42UBHA	Long Melford

42UBHB	Lower Brett
42UBHC	Mid Samford
42UBHD	Nayland
42UBHE	North Cosford
42UBHF	Pinewood
42UBHG	South Cosford
42UBHH	Sudbury East
42UBHJ	Sudbury North
42UBHK	Sudbury South
42UBHL	Waldingfield
42UCFR	All Saints
42UCFS	Brandon East
42UCFT	Brandon West
42UCFU	Eriswell and The Rows
42UCFW	Exning
42UCFX	Great Heath
42UCFY	Iceni
42UCFZ	Lakenheath
42UCGA	Manor
42UCGB	Market
42UCGC	Red Lodge
42UCGD	St Mary's
42UCGE	Severals
42UCGF	South
42UDFS	Alexandra
42UDFT	Bixley
42UDFU	Bridge
42UDFW	Castle Hill
42UDFX	Gainsborough
42UDFY	Gipping
42UDFZ	Holywells
42UDGA	Priory Heath
42UDGB	Rushmere
42UDGC	St John's
42UDGD	St Margaret's
42UDGE	Sprites
42UDGF	Stoke Park
42UDGG	Westgate
42UDGH	Whitehouse
42UDGJ	Whitton

42UEGM	Bacton and Old Newton
42UEGN	Badwell Ash
42UEGP	Barking and Somersham
42UEGQ	Bramford and Blakenham
42UEGR	Claydon and Barham
42UEGS	Debenham
42UEGT	Elmswell and Norton
42UEGU	Eye
42UEGW	Fressingfield
42UEGX	Gislingham
42UEGY	Haughley and Wetherden
42UEGZ	Helmingham and Coddenham
42UEHA	Hoxne
42UEHB	Mendlesham
42UEHC	Needham Market
42UEHD	Onehouse
42UEHE	Palgrave
42UEHF	Rattlesden
42UEHG	Rickinghall and Walsham
42UEHH	Ringshall
42UEHJ	Stowmarket Central
42UEHK	Stowmarket North
42UEHL	Stowmarket South
42UEHM	Stowupland
42UEHN	Stradbroke and Laxfield
42UEHP	The Stonhams
42UEHQ	Thurston and Hessett
42UEHR	Wetheringsett
42UEHS	Woolpit
42UEHT	Worlingworth
42UFGL	Abbeygate
42UFGM	Bardwell
42UFGN	Barningham
42UFGP	Barrow
42UFGQ	Cavendish
42UFGR	Chedburgh
42UFGS	Clare
42UFGT	Eastgate
42UFGU	Fornham
42UFGW	Great Barton

42UFGX	Haverhill East
42UFGY	Haverhill North
42UFGZ	Haverhill South
42UFHA	Haverhill West
42UFHB	Horringer and Whelnetham
42UFHC	Hundon
42UFHD	Ixworth
42UFHE	Kedington
42UFHF	Minden
42UFHG	Moreton Hall
42UFHH	Northgate
42UFHJ	Pakenham
42UFHK	Risby
42UFHL	Risbygate
42UFHM	Rougham
42UFHN	St Olaves
42UFHP	Southgate
42UFHQ	Stanton
42UFHR	Westgate
42UFHS	Wickhambrook
42UFHT	Withersfield
42UGGW	Aldeburgh
42UGGX	Earl Soham
42UGGY	Farlingaye
42UGGZ	Felixstowe East
42UGHA	Felixstowe North
42UGHB	Felixstowe South
42UGHC	Felixstowe South East
42UGHD	Felixstowe West
42UGHE	Framlingham
42UGHF	Grundisburgh
42UGHG	Hacheston
42UGHH	Hollesley with Eyke
42UGHJ	Kesgrave East
42UGHK	Kesgrave West
42UGHL	Kyson
42UGHM	Leiston
42UGHN	Martlesham
42UGHP	Melton and Ufford
42UGHQ	Nacton



42UGHR	Orford and Tunstall
42UGHS	Otley
42UGHT	Peasenhall
42UGHU	Rendlesham
42UGHW	Riverside
42UGHX	Rushmere St Andrew
42UGHY	Saxmundham
42UGHZ	Seckford
42UGJA	Snape
42UGJB	Sutton
42UGJC	Trimleys with Kirton
42UGJD	Walberswick and Wenhaston
42UGJE	Wickham Market
42UGJF	Witnesham
42UGJG	Yoxford
42UHFY	Beccles North
42UHFZ	Beccles South
42UHGA	Blything
42UHGB	Bungay
42UHGC	Carlton
42UHGD	Carlton Colville
42UHGE	Gunton and Corton
42UHGF	Halesworth
42UHGG	Harbour
42UHGH	Kessingland
42UHGJ	Kirkley
42UHGK	Lothingland
42UHGL	Normanston
42UHGM	Oulton
42UHGN	Oulton Broad
42UHGP	Pakefield
42UHGQ	St Margaret's
42UHGR	Southwold and Reydon
42UHGS	The Saints
42UHGT	Wainford
42UHGU	Whitton
42UHGW	Worlingham
42UHGX	Wrentham
43UBFZ	Claygate
43UBGA	Cobham and Downside

43UBGB	Cobham Fairmile
43UBGC	Esher
43UBGD	Hersham North
43UBGE	Hersham South
43UBGF	Hinchley Wood
43UBGG	Long Ditton
43UBGH	Molesey East
43UBGJ	Molesey North
43UBGK	Molesey South
43UBGL	Oatlands Park
43UBGM	Oxshott and Stoke D'Abernon
43UBGN	St George's Hill
43UBGP	Thames Ditton
43UBGQ	Walton Ambleside
43UBGR	Walton Central
43UBGS	Walton North
43UBGT	Walton South
43UBGU	Weston Green
43UBGW	Weybridge North
43UBGX	Weybridge South
43UCFP	Auriol
43UCFQ	College
43UCFR	Court
43UCFS	Cuddington
43UCFT	Ewell
43UCFU	Ewell Court
43UCFW	Nonsuch
43UCFX	Ruxley
43UCFY	Stamford
43UCFZ	Stoneleigh
43UCGA	Town
43UCGB	West Ewell
43UCGC	Woodcote
43UDFY	Ash South and Tongham
43UDFZ	Ash Vale
43UDGA	Ash Wharf
43UDGB	Burpham
43UDGC	Christchurch
43UDGD	Clandon and Horsley
43UDGE	Effingham

43UDGF	Friary and St Nicolas
43UDGG	Holy Trinity
43UDGH	Lovelace
43UDGJ	Merrow
43UDGK	Normandy
43UDGL	Onslow
43UDGM	Pilgrims
43UDGN	Pirbright
43UDGP	Send
43UDGQ	Shalford
43UDGR	Stoke
43UDGS	Stoughton
43UDGT	Tillingbourne
43UDGU	Westborough
43UDGW	Worplesdon
43UEGA	Ashted Common
43UEGB	Ashted Park
43UEGC	Ashted Village
43UEGD	Beare Green
43UEGE	Bookham North
43UEGF	Bookham South
43UEGG	Box Hill and Headley
43UEGH	Brockham, Betchworth and Buckland
43UEGJ	Capel, Leigh and Newdigate
43UEGK	Charlwood
43UEGL	Dorking North
43UEGM	Dorking South
43UEGN	Fetcham East
43UEGP	Fetcham West
43UEGQ	Holmwoods
43UEGR	Leatherhead North
43UEGS	Leatherhead South
43UEGT	Leith Hill
43UEGU	Mickleham, Westhumble and Pixham
43UEGW	Okewood
43UEGX	Westcott
43UFFU	Banstead Village
43UFFW	Chipstead, Hooley and Woodmansterne
43UFFX	Earlswood and Whitebushes
43UFFY	Horley Central

43UFFZ	Horley East
43UFGA	Horley West
43UFGB	Kingswood with Burgh Heath
43UFGC	Meadvale and St John's
43UFGD	Merstham
43UFGE	Nork
43UFGF	Preston
43UFGG	Redhill East
43UFGH	Redhill West
43UFGJ	Reigate Central
43UFGK	Reigate Hill
43UFG L	Salfords and Sidlow
43UFGM	South Park and Woodhatch
43UFGN	Tadworth and Walton
43UFGP	Tattenhams
43UGFQ	Addlestone Bourneside
43UGFR	Addlestone North
43UGFS	Chertsey Meads
43UGFT	Chertsey St Ann's
43UGFU	Chertsey South and Row Town
43UGFW	Egham Hythe
43UGFX	Egham Town
43UGFY	Englefield Green East
43UGFZ	Englefield Green West
43UGGA	Foxhills
43UGGB	New Haw
43UGGC	Thorpe
43UGGD	Virginia Water
43UGGE	Woodham
43UHFS	Ashford Common
43UHFT	Ashford East
43UHFU	Ashford North and Stanwell South
43UHFW	Ashford Town
43UHFX	Halliford and Sunbury West
43UHFY	Laleham and Shepperton Green
43UHFZ	Riverside and Laleham
43UHGA	Shepperton Town
43UHGB	Staines
43UHGC	Staines South
43UHGD	Stanwell North

43UHGE	Sunbury Common
43UHGF	Sunbury East
43UJFS	Bagshot
43UJFT	Bisley
43UJFU	Chobham
43UJFW	Frimley
43UJFX	Frimley Green
43UJFY	Heatherside
43UJFZ	Lightwater
43UJGA	Mytchett and Deepcut
43UJGB	Old Dean
43UJGC	Parkside
43UJGD	St Michaels
43UJGE	St Pauls
43UJGF	Town
43UJGG	Watchetts
43UJGH	West End
43UJGJ	Windlesham
43UKFY	Bletchingley and Nutfield
43UKFZ	Burstow, Horne and Outwood
43UKGA	Chaldon
43UKGB	Dormansland and Felcourt
43UKGC	Felbridge
43UKGD	Godstone
43UKGE	Harestone
43UKGF	Limpsfield
43UKGG	Lingfield and Crowhurst
43UKGH	Oxted North and Tandridge
43UKGJ	Oxted South
43UKGK	Portley
43UKGL	Queens Park
43UKGM	Tatsfield and Titsey
43UKGN	Valley
43UKGP	Warlingham East and Chelsham and Farleigh
43UKGQ	Warlingham West
43UKGR	Westway
43UKGS	Whyteleafe
43UKGT	Woldingham
43ULGF	Alfold, Cranleigh Rural and Ellens Green
43ULGG	Blackheath and Wonersh

43ULGH	Bramley, Busbridge and Hascombe
43ULGJ	Chiddingfold and Dunsfold
43ULGK	Cranleigh East
43ULGL	Cranleigh West
43ULGM	Elstead and Thursley
43ULGN	Ewhurst
43ULGP	Farnham Bourne
43ULGQ	Farnham Castle
43ULGR	Farnham Firgrove
43ULGS	Farnham Hale and Heath End
43ULGT	Farnham Moor Park
43ULGU	Farnham Shortheath and Boundstone
43ULGW	Farnham Upper Hale
43ULGX	Farnham Weybourne and Badshot Lea
43ULGY	Farnham Wrecclesham and Rowledge
43ULGZ	Frensham, Dockenfield and Tilford
43ULHA	Godalming Binscombe
43ULHB	Godalming Central and Ockford
43ULHC	Godalming Charterhouse
43ULHD	Godalming Farncombe and Catteshall
43ULHE	Godalming Holloway
43ULHF	Haslemere Critchmere and Shottermill
43ULHG	Haslemere East and Grayswood
43ULHH	Hindhead
43ULHJ	Milford
43ULHK	Shamley Green and Cranleigh North
43ULHL	Witley and Hambledon
43UMFS	Brookwood
43UMFT	Byfleet
43UMFU	Goldsworth East
43UMFW	Goldsworth West
43UMFX	Hermitage and Knaphill South
43UMFY	Horsell East and Woodham
43UMFZ	Horsell West
43UMGA	Kingfield and Westfield
43UMGB	Knaphill
43UMGC	Maybury and Sheerwater
43UMGD	Mayford and Sutton Green
43UMGE	Mount Hermon East
43UMGF	Mount Hermon West

43UMGG	Old Woking
43UMGH	Pyrford
43UMGJ	St John's and Hook Heath
43UMGK	West Byfleet
44UBFW	Arley and Whitacre
44UBFX	Atherstone Central
44UBFY	Atherstone North
44UBFZ	Atherstone South and Mancetter
44UBGA	Baddesley and Grendon
44UBGB	Coleshill North
44UBGC	Coleshill South
44UBGD	Curdworth
44UBGE	Dordon
44UBGF	Fillongley
44UBGG	Hartshill
44UBGH	Hurley and Wood End
44UBGJ	Kingsbury
44UBGK	Newton Regis and Warton
44UBGL	Polesworth East
44UBGM	Polesworth West
44UBGN	Water Orton
44UCFR	Abbey
44UCFS	Arbury
44UCFT	Attleborough
44UCFU	Bar Pool
44UCFW	Bede
44UCFX	Bulkington
44UCFY	Camp Hill
44UCFZ	Exhall
44UCGA	Galley Common
44UCGB	Heath
44UCGC	Kingswood
44UCGD	Poplar
44UCGE	St Nicolas
44UCGF	Slough
44UCGG	Weddington
44UCGH	Wem Brook
44UCGJ	Whitestone
44UDFZ	Admirals
44UDGA	Avon and Swift

44UDGB	Benn
44UDGC	Bilton
44UDGD	Brownsover North
44UDGE	Brownsover South
44UDGF	Caldecott
44UDGG	Dunchurch and Knightlow
44UDGH	Earl Craven and Wolston
44UDGJ	Eastlands
44UDGK	Fosse
44UDGL	Hillmorton
44UDGM	Lawford and King's Newnham
44UDGN	Leam Valley
44UDGP	New Bilton
44UDGQ	Newbold
44UDGR	Overslade
44UDGS	Paddox
44UDGT	Ryton-on-Dunsmore
44UDGU	Wolvey
44UEGN	Alcester
44UEGP	Aston Cantlow
44UEGQ	Bardon
44UEGR	Bidford and Salford
44UEGS	Brailes
44UEGT	Burton Dassett
44UEGU	Claverdon
44UEGW	Ettington
44UEGX	Fenny Compton
44UEGY	Harbury
44UEGZ	Henley
44UEHA	Kineton
44UEHB	Kinwarton
44UEHC	Long Compton
44UEHD	Long Itchington
44UEHE	Quinton
44UEHF	Sambourne
44UEHG	Shipston
44UEHH	Snitterfield
44UEHJ	Southam
44UEHK	Stockton and Napton
44UEHL	Stratford Alveston



44UEHM	Stratford Avenue and New Town
44UEHN	Stratford Guild and Hathaway
44UEHP	Stratford Mount Pleasant
44UEHQ	Studley
44UEHR	Tanworth
44UEHS	Tredington
44UEHT	Vale of the Red Horse
44UEHU	Welford
44UEHW	Wellesbourne
44UFFX	Abbey
44UFFY	Bishop's Tachbrook
44UFFZ	Brunswick
44UFGA	Budbrooke
44UFGB	Clarendon
44UFGC	Crown
44UFGD	Cubbington
44UFGE	Lapworth
44UFGF	Leek Wootton
44UFGG	Manor
44UFGH	Milverton
44UFGJ	Park Hill
44UFGK	Radford Semele
44UFG L	St John's
44UFGM	Stoneleigh
44UFGN	Warwick North
44UFGP	Warwick South
44UFGQ	Warwick West
44UFG R	Whitnash
44UFGS	Willes
45UBFQ	Buckingham
45UBFR	Churchill
45UBFS	Cokeham
45UBFT	Eastbrook
45UBFU	Hillside
45UBFW	Manor
45UBFX	Marine
45UBFY	Mash Barn
45UBFZ	Peverel
45UBGA	St Mary's
45UBGB	St Nicolas

45UBGC	Southlands
45UBGD	Southwick Green
45UBGE	Widewater
45UCGE	Aldwick East
45UCGF	Aldwick West
45UCGG	Angmering
45UCGH	Arundel
45UCGJ	Barnham
45UCGK	Beach
45UCGL	Bersted
45UCGM	Brookfield
45UCGN	East Preston with Kingston
45UCGP	Felpham East
45UCGQ	Felpham West
45UCGR	Ferring
45UCGS	Findon
45UCGT	Ham
45UCGU	Hotham
45UCGW	Marine
45UCGX	Middleton-on-Sea
45UCGY	Orchard
45UCGZ	Pagham and Rose Green
45UCHA	Pevensy
45UCHB	River
45UHC	Rustington East
45UCHD	Rustington West
45UCHE	Walberton
45UCHF	Wick with Toddington
45UCHG	Yapton
45UDGM	Bosham
45UDGN	Boxgrove
45UDGP	Bury
45UDGQ	Chichester East
45UDGR	Chichester North
45UDGS	Chichester South
45UDGT	Chichester West
45UDGU	Donnington
45UDGW	Easebourne
45UDGX	East Wittering
45UDGY	Fernhurst

45UDGZ	Fishbourne
45UDHA	Funtington
45UDHB	Harting
45UDHC	Lavant
45UDHD	Midhurst
45UDHE	North Mundham
45UDHF	Petworth
45UDHG	Plaistow
45UDHH	Rogate
45UDHJ	Selsey North
45UDHK	Selsey South
45UDHL	Sidlesham
45UDHM	Southbourne
45UDHN	Stedham
45UDHP	Tangmere
45UDHQ	West Wittering
45UDHR	Westbourne
45UDHS	Wisborough Green
45UEFP	Bewbush
45UEFQ	Broadfield North
45UEFR	Broadfield South
45UEFS	Furnace Green
45UEFT	Gossops Green
45UEFU	Ifield
45UEFW	Langley Green
45UEFX	Maidenbower
45UEFY	Northgate
45UEFZ	Pound Hill North
45UEGA	Pound Hill South and Worth
45UEGB	Southgate
45UEGC	Three Bridges
45UEGD	Tilgate
45UEGE	West Green
45UFGC	Billingshurst and Shipley
45UFGD	Bramber, Upper Beeding and Woodmancote
45UFG E	Broadbridge Heath
45UFGF	Chanctonbury
45UFGG	Chantry
45UFGH	Cowfold, Shermanbury and West Grinstead
45UFGJ	Denne

45UFGK	Forest
45UFGM	Henfield
45UFGN	Holbrook East
45UFGO	Holbrook West
45UFGP	Horsham Park
45UFGQ	Itchingfield, Slinfold and Warnham
45UFGR	Nuthurst
45UFGS	Pulborough and Coldwatham
45UFGT	Roffey North
45UFGU	Roffey South
45UFGV	Rudgwick
45UFGW	Rusper and Colgate
45UFGX	Southwater
45UFGY	Steyning
45UFGZ	Trafalgar
45UGGA	Ardingly and Balcombe
45UGGB	Ashurst Wood
45UGGC	Bolney
45UGGD	Burgess Hill Dunstall
45UGGE	Burgess Hill Franklands
45UGGF	Burgess Hill Leylands
45UGGG	Burgess Hill Meeds
45UGGH	Burgess Hill St Andrews
45UGGI	Burgess Hill Victoria
45UGGJ	Copthorne and Worth
45UGGK	Crawley Down and Turners Hill
45UGGL	Cuckfield
45UGGM	East Grinstead Ashplats
45UGGN	East Grinstead Baldwins
45UGGO	East Grinstead Herontye
45UGGP	East Grinstead Imberhorne
45UGGQ	East Grinstead Town
45UGGR	Hassocks
45UGGS	Haywards Heath Ashenground
45UGGT	Haywards Heath Bentswood
45UGGU	Haywards Heath Franklands
45UGGV	Haywards Heath Heath
45UGGW	Haywards Heath Lucastes
45UGGX	High Weald
45UGGY	Hurstpierpoint and Downs

45UGHK	Lindfield
45UHFN	Broadwater
45UHFP	Castle
45UHFQ	Central
45UHFR	Durrington
45UHFS	Gaisford
45UHFT	Goring
45UHFU	Heene
45UHFW	Marine
45UHFX	Northbrook
45UHFY	Offington
45UHfZ	Salvington
45UHGA	Selden
45UHGB	Tarring
46UBGJ	Aldbourne
46UBGK	All Cannings
46UBGL	Bedwyn
46UBGM	Bishops Cannings
46UBGN	Bromham and Rowde
46UBGP	Burbage
46UBGQ	Cheverell
46UBGR	Collingbourne
46UBGS	Devizes East
46UBGT	Devizes North
46UBGU	Devizes South
46UBGW	Lavingtons
46UBGX	Ludgershall
46UBGY	Marlborough East
46UBGZ	Marlborough West
46UBHA	Milton Lilbourne
46UBHB	Netheravon
46UBHC	Ogbourne
46UBHD	Pewsey
46UBHE	Pewsey Vale
46UBHF	Potterne
46UBHG	Ramsbury
46UBHH	Roundway
46UBHJ	Seend
46UBHK	Shalbourne
46UBHL	Tidworth, Perham Down and Ludgershall South

46UBHM	Upavon
46UBHN	Urchfont
46UBHP	West Selkley
46UCGW	Ashton Keynes and Minety
46UCGX	Box
46UCGY	Bremhill
46UCGZ	Brinkworth and The Somerfords
46UCHA	Calne Abberd
46UCHB	Calne Chilvester
46UCHC	Calne Lickhill
46UCHD	Calne Marden
46UCHE	Calne Priestley
46UCHF	Calne Quemerford
46UCHG	Calne Without
46UCHH	Cepen Park
46UCHJ	Chippenham Allington
46UCHK	Chippenham Audley
46UCLL	Chippenham Avon
46UCHM	Chippenham Hill Rise
46UCHN	Chippenham London Road
46UCHP	Chippenham Monkton Park
46UCHQ	Chippenham Park
46UCHR	Chippenham Pewsham
46UCHS	Chippenham Redland
46UCHT	Chippenham Westcroft/Queens
46UCHU	Colerne
46UCHW	Corsham
46UCHX	Cricklade
46UCHY	Hilmarton
46UCHZ	Kington Langley
46UCJA	Kington St. Michael
46UCJB	Lacock with Neston and Gastard
46UCJC	Lyneham
46UCJD	Malmesbury
46UCJE	Nettleton
46UCJF	Pickwick
46UCJG	Purton
46UCJH	St. Paul Malmesbury Without and Sherston
46UCJJ	The Lydiards and Broad Town
46UCJK	Wootton Bassett North

46UCJL	Wootton Bassett South
46UDGP	Alderbury and Whiteparish
46UDGQ	Amesbury East
46UDGR	Amesbury West
46UDGS	Bemerton
46UDGT	Bishopdown
46UDGU	Bulford
46UDGW	Chalke Valley
46UDGX	Donhead
46UDGY	Downton and Redlynch
46UDGZ	Durrington
46UDHA	Ebble
46UDHB	Fisherton and Bemerton Village
46UDHC	Fonthill and Nadder
46UDHD	Harnham East
46UDHE	Harnham West
46UDHF	Knoyle
46UDHG	Laverstock
46UDHH	Lower Wylde and Woodford Valley
46UDHJ	St Edmund and Milford
46UDHK	St Mark and Stratford
46UDHL	St Martin and Milford
46UDHM	St Paul
46UDHN	Till Valley and Wylde
46UDHP	Tisbury and Fovant
46UDHQ	Upper Bourne, Idmiston and Winterbourne
46UDHR	Western and Mere
46UDHS	Wilton
46UDHT	Winterslow
46UFGF	Atworth and Whitley
46UFGG	Bradford-on-Avon North
46UFGH	Bradford-on-Avon South
46UFGJ	Dilton Marsh
46UFGK	Ethandune
46UFGM	Holt
46UFGN	Manor Vale
46UFGP	Melksham North
46UFGQ	Melksham Spa
46UFGR	Melksham Without
46UFGS	Melksham Woodrow

46UFGS	Mid Wylde Valley
46UFGT	Paxcroft
46UFGU	Shearwater
46UFGW	Southwick and Wingfield
46UFGX	Summerham
46UFGY	Trowbridge Adcroft
46UFGZ	Trowbridge College
46UFHA	Trowbridge Drynham
46UFHB	Trowbridge John of Gaunt
46UFHC	Trowbridge Park
46UFHD	Warminster East
46UFHE	Warminster West
46UFHF	Westbury Ham
46UFHG	Westbury Laverton
47UBFY	Alvechurch
47UBFZ	Beacon
47UBGA	Catshill
47UBGB	Charford
47UBGC	Drakes Cross and Walkers Heath
47UBGD	Furlongs
47UBGE	Hagley
47UBGF	Hillside
47UBGG	Hollywood and Majors Green
47UBGH	Linthurst
47UBGJ	Marlbrook
47UBGK	Norton
47UBGL	St Johns
47UBGM	Sidemoor
47UBGN	Slideslow
47UBGP	Stoke Heath
47UBGQ	Stoke Prior
47UBGR	Tardebigge
47UBGS	Uffdown
47UBGT	Waseley
47UBGU	Whitford
47UBGW	Woodvale
47UBGX	Wythall South
47UCHQ	Alfrick and Leigh
47UCHR	Baldwin
47UCHS	Broadheath



47UCHT	Chase
47UCHU	Dyson Perrins
47UCHW	Hallow
47UCHX	Kempsey
47UCHY	Lindridge
47UCHZ	Link
47UCJA	Longdon
47UCJB	Martley
47UCJC	Morton
47UCJD	Pickersleigh
47UCJE	Powick
47UCJF	Priory
47UCJG	Ripple
47UCJH	Teme Valley
47UCJJ	Tenbury
47UCJK	Upton and Hanley
47UCJL	Wells
47UCJM	West
47UCJN	Woodbury
47UDFM	Abbey
47UDFN	Astwood Bank and Feckenham
47UDFP	Batchley
47UDFQ	Central
47UDFR	Church Hill
47UDFS	Crabbs Cross
47UDFT	Greenlands
47UDFU	Headless Cross and Oakenshaw
47UDFW	Lodge Park
47UDFX	Matchborough
47UDFY	West
47UDFZ	Winyates
47UEFN	Arboretum
47UEFP	Battenhall
47UEFQ	Bedwardine
47UEFR	Cathedral
47UEFS	Claines
47UEFT	Gorse Hill
47UEFU	Nunnery
47UEFW	Rainbow Hill
47UEFX	St Clement

47UEFY	St John
47UEFZ	St Peter's Parish
47UEGA	St Stephen
47UEGB	Warndon
47UEGC	Warndon Parish North
47UEGD	Warndon Parish South
47UFGP	Badsey
47UFGQ	Bengeworth
47UFGR	Bowbrook
47UFGS	Bredon
47UFGT	Bretforton and Offenham
47UFGU	Broadway and Wickhamford
47UFGW	Dodderhill
47UFGX	Drakes Broughton
47UFGY	Droitwich Central
47UFGZ	Droitwich East
47UFHA	Droitwich South East
47UFHB	Droitwich South West
47UFHC	Droitwich West
47UFHD	Eckington
47UFHE	Elmley Castle and Somerville
47UFHF	Evesham North
47UFHG	Evesham South
47UFHH	Fladbury
47UFHJ	Great Hampton
47UFHK	Hartlebury
47UFHL	Harvington and Norton
47UFHM	Honeybourne and Pebworth
47UFHN	Inkberrow
47UFHP	Little Hampton
47UFHQ	Lovett and North Claines
47UFHR	Norton and Whittington
47UFHS	Ombersley
47UFHT	Pershore
47UFHU	Pinvin
47UFHW	South Bredon Hill
47UFHX	The Littletons
47UFHY	Upton Snodsbury
47UGFU	Aggborough and Spennells
47UGFW	Areley Kings

47UGFX	Bewdley and Arley
47UGFY	Blakedown and Chaddesley
47UGFZ	Broadwaters
47UGGA	Cookley
47UGGB	Franche
47UGGC	Greenhill
47UGGD	Habberley and Blakebrook
47UGGE	Lickhill
47UGGF	Mitton
47UGGG	Offmore and Comberton
47UGGH	Oldington and Foley Park
47UGGJ	Rock
47UGGK	Sutton Park
47UGGL	Wolverley
47UGGM	Wribbenhall
95A 01	Banagher
95A 02	Claudy
95A 03	Eglinton
95A 04	Holly Mount
95A 05	New Buildings
95A 06	Enagh
95A 07	Caw
95A 08	Kilfennan
95A 09	Altnagelvin
95A 10	Lisnagelvin
95A 11	Clondermot
95A 12	Victoria
95A 13	Ebrington
95A 14	Crevagh
95A 15	Springtown
95A 16	Creggan South
95A 17	Brandywell
95A 18	The Diamond
95A 19	Westland
95A 20	Beechwood
95A 21	Creggan Central
95A 22	Rosemount
95A 23	Foyle Springs
95A 24	Strand
95A 25	Pennyburn

95A 26	Carn Hill
95A 27	Shantallow West
95A 28	Shantallow East
95A 29	Ballynashallog
95A 30	Culmore
95B 01	Magilligan
95B 02	Aghanloo
95B 03	Forest
95B 04	Upper Glenshane
95B 05	Feeny
95B 06	Dungiven
95B 07	The Highlands
95B 08	Glack
95B 09	Gresteel
95B 10	Ballykelly
95B 11	Roeside
95B 12	Rathbrady
95B 13	Enagh
95B 14	Coolessan
95B 15	Greystone
95C 01	Kilrea
95C 02	Agivey
95C 03	Dundooan
95C 04	Knocklynn
95C 05	Dunluce
95C 06	Royal Portrush
95C 07	Hopefield
95C 08	Atlantic
95C 09	Portstewart
95C 10	Strand
95C 11	University
95C 12	Ballysally
95C 13	Central
95C 14	Cross Glebe
95C 15	Mount Sandel
95C 16	The Cuts
95C 17	Churchland
95C 18	Waterside
95C 19	Castlerock
95C 20	Macosquin

95C 21	Ringsend
95C 22	Garvagh
95D 01	Benvardin
95D 02	Seacon
95D 03	Dervock
95D 04	Stranocum
95D 05	Ballyhoe and Corkey
95D 06	Knockaholet
95D 07	Route
95D 08	Glebe
95D 09	Newhill
95D 10	Carnany
95D 11	Fairhill
95D 12	The Vow
95D 13	Killoquin Lower
95D 14	Dunloy
95D 15	Clogh Mills
95D 16	Killoquin Upper
95E 01	Bushmills
95E 02	Ballylough
95E 03	Dunseverick
95E 04	Carnmoon
95E 05	Kinbane
95E 06	Moss-Side and Moyarget
95E 07	Armoy
95E 08	Dalriada
95E 09	Knocklayd
95E 10	Glentaisie
95E 11	Bonamargy and Rathlin
95E 12	Glenshesk
95E 13	Glendun
95E 14	Glemaan
95E 15	Glenariff
95F 01	Carnlough
95F 02	Glenarm
95F 03	Carncastle
95F 04	Blackcave
95F 05	Harbour
95F 06	Central
95F 07	Town Parks

95F 08	Gardenmore
95F 09	Craigy Hill
95F 10	Ballyloran
95F 11	Antiville
95F 12	Kilwaughter
95F 13	Glynn
95F 14	Ballycarry
95F 15	Island Magee
95G 01	Glenravel
95G 02	Slemish
95G 03	Glenwhirry
95G 04	Kells
95G 05	Grange
95G 06	Ahoghill
95G 07	Portglenone
95G 08	Dunminning
95G 09	Craigyarren
95G 10	Cullybackey
95G 11	Broughshane
95G 12	Galgorm
95G 13	Academy
95G 14	Ballyloughan
95G 15	Park
95G 16	Dunclug
95G 17	Fair Green
95G 18	Summerfield
95G 19	Castle Demesne
95G 20	Ardeevin
95G 21	Harryville
95G 22	Ballee
95G 23	Moat
95G 24	Ballykeel
95H 01	Swatragh
95H 02	Upperlands
95H 03	Valley
95H 04	Lower Glenshane
95H 05	Maghera
95H 06	Gulladuff
95H 07	Tobermore
95H 08	Knockcloghrim

95H 09	Bellaghy
95H 10	Castledawson
95H 11	Draperstown
95H 12	Lecumpher
95H 13	Ballymaguigan
95H 14	Town Parks West
95H 15	Glebe
95H 16	Town Parks East
95I 01	Dunnamore
95I 02	Pomeroy
95I 03	Lissan
95I 04	Oaklands
95I 05	Sandholes
95I 06	Moneymore
95I 07	Coagh
95I 08	Stewartstown
95I 09	The Loop
95I 10	Ardboe
95I 11	Killycolpy
95I 12	Oldtown
95I 13	Newbuildings
95I 14	Tullagh
95I 15	Gortallowry
95I 16	Killymoon
95J 01	Glenderg
95J 02	Castledearg
95J 03	Clare
95J 04	Newtownstewart
95J 05	Plumbridge
95J 06	Victoria Bridge
95J 07	Finn
95J 08	Sion Mills
95J 09	Dunnamanagh
95J 10	Slievekirk
95J 11	Artigarvan
95J 12	North
95J 13	West
95J 14	East
95J 15	South
95J 16	Ballycolman

95K 01	Trillick
95K 02	Dromore
95K 03	Drumquin
95K 04	Fairy Water
95K 05	Clanabogan
95K 06	Fintona
95K 07	Newtownsaville
95K 08	Sixmilecross
95K 09	Beragh
95K 10	Drumnakilly
95K 11	Termon
95K 12	Owenkillew
95K 13	Gortin
95K 14	Lisanelly
95K 15	Killyclogher
95K 16	Camowen
95K 17	Drumragh
95K 18	Dergmoney
95K 19	Coolnagard
95K 20	Gortrush
95K 21	Strule
95L 01	Rosslea
95L 02	Newtownbutler
95L 03	Donagh
95L 04	Lisnaskea
95L 05	Brookeborough
95L 06	Maguires Bridge
95L 07	Tempo
95L 08	Lisbellaw
95L 09	Ballinamallard
95L 10	Irvinestown
95L 11	Lisnarrick
95L 12	Kesh, Ederney and Lack
95L 13	Belleek and Boa
95L 14	Belcoo and Garrison
95L 15	Derrygonnelly
95L 16	Boho, Cleenish and Letterbreen
95L 17	Florence Court and Kinawley
95L 18	Derrylin
95L 19	Rossorry



95L 20	Portora
95L 21	Devenish
95L 22	Erne
95L 23	Castlecoole
95M 01	Fivemiletown
95M 02	Clogher
95M 03	Augher
95M 04	Ballygawley
95M 05	Castlecaulfield
95M 06	Altmore
95M 07	Donaghmore
95M 08	Coalisland West and Newmills
95M 09	Coalisland North
95M 10	Coalisland South
95M 11	Washing Bay
95M 12	Killyman
95M 13	Moy
95M 14	Benburb
95M 15	Caledon
95M 16	Aughnacloy
95M 17	Mullaghmore
95M 18	Ballysaggart
95M 19	Moygashel
95M 20	Coolhill
95M 21	Killymeal
95M 22	Drumglass
95N 01	The Birches
95N 02	Derrytrasna
95N 03	Aghagallon
95N 04	Magheralin
95N 05	Donaghcloney
95N 06	Waringstown
95N 07	Bleary
95N 08	Ballyoran
95N 09	Corcrain
95N 10	Ballybay
95N 11	Brownstown
95N 12	Tavanagh
95N 13	Annagh
95N 14	Edenderry

95N 15	Killycomain
95N 16	Kernan
95N 17	Drumgor
95N 18	Drumgask
95N 19	Woodville
95N 20	Drumnamoe
95N 21	Parklake
95N 22	Court
95N 23	Taghnevan
95N 24	Mourneview
95N 25	Church
95N 26	Knocknashane
95O 01	Charlemont
95O 02	Loughgall
95O 03	Hockley
95O 04	Ballymartrim
95O 05	Killylea
95O 06	Milford
95O 07	Derrynoose
95O 08	Keady
95O 09	Carrigatuke
95O 10	Killeen
95O 11	Markethill
95O 12	Poyntz Pass
95O 13	Tandragee
95O 14	Laurelvale
95O 15	Rich Hill
95O 16	Hamiltonsbawn
95O 17	Downs
95O 18	Callan Bridge
95O 19	Abbey Park
95O 20	Observatory
95O 21	The Mall
95O 22	Demesne
95P 01	Annalong
95P 02	Binnian
95P 03	Kilkeel Central
95P 04	Kilkeel South
95P 05	Lisnacree
95P 06	Rostrevor

95P 07	Seaview
95P 08	Clonallan
95P 09	Derryleckagh
95P 10	Burren and Kilbroney
95P 11	Spelga
95P 12	Mayobridge
95P 13	Donaghmore
95P 14	Windsor Hill
95P 15	St. Patrick's
95P 16	St. Mary's
95P 17	Drumgullion
95P 18	Ballybot
95P 19	Daisy Hill
95P 20	Drumalane
95P 21	Derrymore
95P 22	Bessbrook
95P 23	Tullyhappy
95P 24	Camlough
95P 25	Newtownhamilton
95P 26	Creggan
95P 27	Crossmaglen
95P 28	Silver Bridge
95P 29	Forkhill
95P 30	Fathom
95Q 01	Gilford
95Q 02	Lawrencetown
95Q 03	Loughbrickland
95Q 04	Bannside
95Q 05	Katesbridge
95Q 06	Ballyward
95Q 07	Gransha
95Q 08	Dromore South
95Q 09	Dromore North
95Q 10	Quilly
95Q 11	Rathfriland
95Q 12	Edenderry
95Q 13	Banbridge West
95Q 14	Fort
95Q 15	Ballydown
95Q 16	Seapatrick

95Q 17	The Cut
95R 01	Saintfield
95R 02	Kilmore
95R 03	Ballynahinch East
95R 04	Ballymaglave
95R 05	Drumaness
95R 06	Derryboy
95R 07	Killyleagh
95R 08	Crossgar
95R 09	Quoile
95R 10	Audleys Acre
95R 11	Ballymote
95R 12	Cathedral
95R 13	Strangford
95R 14	Ardglass
95R 15	Killough
95R 16	Seaforde
95R 17	Dunmore
95R 18	Castlewellan
95R 19	Dundrum
95R 20	Murlough
95R 21	Shimna
95R 22	Donard
95R 23	Tollymore
95S 01	Glenavy
95S 02	Ballinderry
95S 03	Moira
95S 04	Maghaberry
95S 05	Maze
95S 06	Hillsborough
95S 07	Dromara
95S 08	Ballymacbrennan
95S 09	Drumbo
95S 10	Hillhall
95S 11	Blaris
95S 12	Knockmore
95S 13	Old Warren
95S 14	Lagan Valley
95S 15	Tonagh
95S 16	Ballymacoss

95S 17	Ballymacash
95S 18	Lisnagarvy
95S 19	Wallace Park
95S 20	Magheralave
95S 21	Harmony Hill
95S 22	Hilden
95S 23	Lambeg
95S 24	Derryaghy
95S 25	Seymour Hill
95S 26	Dunmurry
95S 27	Twinbrook
95S 28	Poleglass
95S 29	Kilwee
95S 30	Collin Glen
95T 01	Toome
95T 02	Drumanaway
95T 03	Cranfield
95T 04	Randalstown
95T 05	Shilvodan
95T 06	Templepatrick
95T 07	Farranshane
95T 08	Springfarm
95T 09	Massereene
95T 10	Balloo
95T 11	Fountain Hill
95T 12	Steeple
95T 13	Stiles
95T 14	Greystone
95T 15	Parkgate
95T 16	Ballycraigy
95T 17	Clady
95T 18	Aldergrove
95T 19	Crumlin
95U 01	Mallusk
95U 02	Doagh
95U 03	Ballyclare North
95U 04	Ballyclare South
95U 05	Ballynure
95U 06	Ballyrobert
95U 07	Hawthorne

95U 08	Jordanstown
95U 09	Rostulla
95U 10	Monkstown
95U 11	Ballyduff
95U 12	Carmoney
95U 13	Mossley
95U 14	Burnthill
95U 15	Cloughfern
95U 16	Ballyhenry
95U 17	Glengormley
95U 18	Glebe
95U 19	Hightown
95U 20	Collinbridge
95U 21	Coole
95U 22	Dunanney
95U 23	Abbey
95U 24	Whitehouse
95U 25	Valley
95V 01	Blackhead
95V 02	Whitehead
95V 03	Eden
95V 04	Boneybefore
95V 05	Bluefield
95V 06	Victoria
95V 07	Milebush
95V 08	Love Lane
95V 09	Sunnylands
95V 10	Northland
95V 11	Clipperstown
95V 12	Killycrot
95V 13	Woodburn
95V 14	Burleigh Hill
95V 15	Greenisland
95V 16	Gortalee
95V 17	Knockagh
95W 01	Groomsport
95W 02	Churchill
95W 03	Ballyholme
95W 04	Broadway
95W 05	Ballymacconnell

95W 06	Ballymagee
95W 07	Ballycrochan
95W 08	Harbour
95W 09	Bangor Castle
95W 10	Bloomfield
95W 11	Whitehill
95W 12	Conlig
95W 13	Princetown
95W 14	Bryansburn
95W 15	Silverstream
95W 16	Rathgael
95W 17	Clandeboyne
95W 18	Dufferin
95W 19	Spring Hill
95W 20	Crawfordsburn
95W 21	Craigavad
95W 22	Cultra
95W 23	Hollywood Priory
95W 24	Hollywood Demesne
95W 25	Loughview
95X 01	Killinchy
95X 02	Ballygowan
95X 03	Lisbane
95X 04	Comber West
95X 05	Comber East
95X 06	Comber North
95X 07	Scrabo
95X 08	Ballyrainey
95X 09	Bradshaw's Brae
95X 10	Glen
95X 11	Whitespots
95X 12	Movilla
95X 13	Central
95X 14	Gregstown
95X 15	Loughries
95X 16	Donaghadee North
95X 17	Donaghadee South
95X 18	Millisle
95X 19	Carrowdore
95X 20	Ballywalter

95X 21	Portavogie
95X 22	Kircubbin
95X 23	Portaferry
95Y 01	Dundonald
95Y 02	Carrowreagh
95Y 03	Enler
95Y 04	Graham's Bridge
95Y 05	Ballyhanwood
95Y 06	Tullycarnet
95Y 07	Gilnahirk
95Y 08	Upper Braniel
95Y 09	Moneyreagh
95Y 10	Galwally
95Y 11	Lower Braniel
95Y 12	Hillfoot
95Y 13	Lisnasharragh
95Y 14	Downshire
95Y 15	Cregagh
95Y 16	Wynchurch
95Y 17	Newtownbreda
95Y 18	Cairnshill
95Y 19	Knockbracken
95Y 20	Carryduff West
95Y 21	Carryduff East
95Y 22	Beechill
95Y 23	Minnowburn
95Z 01	Sydenham
95Z 02	Island
95Z 03	Ballymacarrett
95Z 04	Bloomfield
95Z 05	Ballyhackamore
95Z 06	Belmont
95Z 07	Stormont
95Z 08	Cherryvalley
95Z 09	Knock
95Z 10	Orangefield
95Z 11	The Mount
95Z 12	Woodstock
95Z 13	Ravenhill
95Z 14	Ballynafeigh



95Z 15	Rosetta
95Z 16	Upper Malone
95Z 17	Finaghy
95Z 18	Musgrave
95Z 19	Blackstaff
95Z 20	Malone
95Z 21	Stranmillis
95Z 22	Windsor
95Z 23	Botanic
95Z 24	Shaftesbury
95Z 25	Ladybrook
95Z 26	Glencolin
95Z 27	Andersonstown
95Z 28	Glen Road
95Z 29	Falls Park
95Z 30	Upper Springfield
95Z 31	Whiterock
95Z 32	Beechmount
95Z 33	Highfield
95Z 34	Glencairn
95Z 35	Woodvale
95Z 36	Crumlin
95Z 37	Shankill
95Z 38	Clonard
95Z 39	Falls
95Z 40	New Lodge
95Z 41	Duncairn
95Z 42	Water Works
95Z 43	Ardoyne
95Z 44	Legoniel
95Z 45	Ballysillan
95Z 46	Cliftonville
95Z 47	Chichester Park
95Z 48	Fortwilliam
95Z 49	Cavehill
95Z 50	Castleview
95Z 51	Bellevue

## Ward Name

Abbey	
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Abbey	
Abbey Green	
Abbey Meads	
Abbey North	
Abbey Park	
Abbey Road	
Abbey South	
Abbey Wood	
Abbeygate	
Abbots Langley	
Abbotsford	
Aber Valley	
Aberaeron	
Aberaman North	
Aberaman South	
Aberavon	
Aberbargoed	
Abercarn	
Aberchirder	
Aber-craf	
Abercynon	
Aberdare East	
Aberdare West/Llwydcoed	
Aberdaron	
Aberdour and Burntisland West	
Aberdovey	
Aberdulais	
Abererch	
Aberffraw	
Abergele Pensarn	

Abergwili
Aberkenfig
Aberlady/Gullane/Dirleton
Abermaw
Abernethy and Glenfarg
Aberporth
Abersoch
Abersychan
Aberteifi/Cardigan - Mwldan
Aberteifi/Cardigan - Rhyd-y-Fuwch
Aberteifi/Cardigan - Teifi
Abertillery
Aberystwyth Bronglais
Aberystwyth Canol/Central
Aberystwyth Gogledd/North
Aberystwyth Penparcau
Aberystwyth Rheidol
Abingdon
Abingdon Abbey and Barton
Abingdon Caldecott
Abingdon Dunmore
Abingdon Fitzharris
Abingdon Northcourt
Abingdon Ock Meadow
Abingdon Peachcroft
Abington
Aboyne
Abram
Abronhill Central and North
Abronhill South
Academy
Academy
Acklam
Ackworth, North Elmsall and Upton
Acle
Acocks Green
Acomb
Acomb
Acre Rigg
Acton
Acton
Acton Central
Adamsdown
Adderbury
Addiscombe
Addison
Addlebrough
Addlestone Bourneside
Addlestone North
Adel and Wharfedale

Adeyfield East
Adeyfield West
Adlington and Anderton
Admirals
Adwick
Aggborough and Spennells
Aghagallon
Aghanloo
Agivey
Ahoghill
Aighton, Bailey and Chaigley
Ainsdale
Airdrie Central
Aire Valley with Lothersdale
Airedale and Ferry Fryston
Airfield
Alamein
Albrighton South
Alcester
Alcombe East
Alcombe West
Alconbury and The Stukeleys
Aldborough
Aldbourne
Aldbury and Wigginton
Aldeburgh
Aldenham East
Aldenham West
Alderbury and Whiteparish
Aldergrove
Alderholt
Alderley Edge
Aldermaston
Alderney
Aldersgate
Aldgate
Aldridge Central and South
Aldridge North and Walsall Wood
Aldwick East
Aldwick West
Alewater and Denholm
Alexandra
Alexandra
Alexandra
Alexandra
Alexandra
Alexandria North/Tullichewan
Alfold, Cranleigh Rural and Ellens Green
Alford
Alford

Alfreton
Alfrick and Leigh
Alfriston
Alibon
All Cannings
All Saints
All Saints
All Saints
All Saints
All Saints
All Saints
All Saints
All Saints
Allan
Allendale
Allerton and Hunts Cross
Allestree
Allington
Allington and Loddiswell
Alloa Claremont
Alloa East
Alloa Mar
Alloa North
Alloa West
Allt-wen
Allt-yr-yn
Almond
Almondbury
Almondsbury
Alness and Ardross
Alnmouth and Lesbury
Alnwick Castle
Alnwick Clayport
Alnwick Hotspur
Alnwickhill
Alperton
Alphington
Alport
Alresford
Alrewas and Fradley
Alsager Central
Alsager East
Alsager West
Alston and Hothersall
Alston Moor
Altarnun
Altham
Althorne
Altmore
Altnagelvin

Altofts and Whitwood
Alton
Alton
Alton Amery
Alton Ashdell
Alton Eastbrooke
Alton Park
Alton Westbrooke
Alton Whitedown
Alton Wooteys
Altonhill, Hillhead and Longpark
Altrincham
Alva North
Alva South
Alvaston
Alvechurch
Alveley
Alverstokey
Alvescot and Filkins
Alveston
Alvington, Aylburton and West Lydney
Alway
Alwoodley
Alyth and Old Rattray
Amberley and Woodchester
Ambien
Amble Central
Amble East
Amble West
Amblecote
Ambrook
Ambrosden and Chesterton
Amersham Common
Amersham Town
Amersham-on-the-Hill
Amesbury East
Amesbury West
Ameysford
Amington
Amlwch Port
Amlwch Rural
Ammanford
Amotherby
Ampfield and Braishfield
Ampleforth
Ampney-Coln
Ampport
Amphill
Amroth
Anchorsholme

Ancoats and Clayton
Andersonstown
Anderston
Anfield
Anglesey
Anglesey
Angmering
Anna
Annagh
Annalong
Annan Central
Annan East
Annan West
Annbank Mossblown St Quivox
Annfield Plain
Anniesland
Ansdell
Anstey
Anston and Woodsetts
Anstruther and East Neuk Landward
Antiville
Apedale
Apley Castle
Appleby
Appleby (Appleby)
Appleby (Bongate)
Appledore
Appleton
Appleton
Appleton
Appleton and Cumnor
Appleton Roebuck
Apsley
Arbirlot and Hospitalfield
Arboretum
Arboretum
Arboretum
Arborfield
Arbourthorne
Arbroath North
Arbury
Arbury
Arbury
Ardboe
Ardconnel - Kilmore
Ardeevin
Ardenslate
Ardersier, Croy and Petty
Ardglass
Ardingly and Balcombe

Ardleigh and Little Bromley
Ardler
Ardnamurchan and Morvern
Ardoyne
Ardrossan North
Ardrossan South
Ardsley and Robin Hood
Ardwick
Areley Kings
Argoed
Argoed
Argyll
Arkleston and Newmains
Arlecdon
Arlesey
Arleston
Arley and Whitacre
Arllechwedd
Armadale Central
Armadale West
Armitage with Handsacre
Armley
Armoy
Armthorpe
Arniston/Cockpen
Arnside & Beetham
Arran
Arrochar, Luss, Arden and Ardenconnel
Artigarvan
Arundel
Arwenack
Ascot
Ascot and Cheapside
Ascott and Shipton
Asfordby
Ash
Ash South and Tongham
Ash Vale
Ash Wharf
Ashbourne North
Ashbourne South
Ashbrow
Ashburton
Ashburton and Buckfastleigh
Ashby
Ashby Castle
Ashby de la Launde
Ashby Holywell
Ashby Ivanhoe
Ashchurch with Walton Cardiff



Ashdon
Ashdown
Asheridge Vale and Lowndes
Ashey
Ashfield
Ashford Common
Ashford East
Ashford North and Stanwell South
Ashford Town
Ashingdon and Canewdon
Ashley
Ashley
Ashley
Ashley Green, Latimer and Chenies
Ashover
Ashridge
Ashridge
Ashtead Common
Ashtead Park
Ashtead Village
Ashton
Ashton
Ashton
Ashton Hurst
Ashton Keynes and Minety
Ashton upon Mersey
Ashton Waterloo
Ashurst
Ashurst Wood
Ashurst, Copythorne South and Netley Marsh
Ashwick and Ston Easton
Askern Spa
Askew
Askham
Aspatria
Aspley
Aspley Guise
Aspull New Springs Whelley
Astbury
Astley
Astley and Buckshaw
Astley Bridge
Astley Mosley Common
Aston
Aston
Aston
Aston Cantlow
Aston Clinton
Aston Rowant
Astwell

Astwood Bank and Feckenham
Atherleigh
Atherstone Central
Atherstone North
Atherstone South and Mancetter
Atherton
Atlantic
Attenborough
Attleborough
Atworth and Whitley
Auchamore and Innellan
Auchenback
Auchinairn and Crowhill
Auchinleck
Auchmill
Auchmuty and Woodside West
Auchterarder Craig Rossie
Auchterarder Mid Earn
Auchtermuchty and Ladybank
Auchtertool and Burntisland East
Audenshaw
Audlem
Audley
Audley and Bignall End
Audleys Acre
Augher
Aughnacloy
Aughton and Downholland
Aughton Park
Auriol
Austenwood
Avalon
Aveland
Aveley and Uplands
Avening
Avenue
Aville Vale
Avoch Fortrose
Avon
Avon and Harbourne
Avon and Swift
Avondale
Avondale North
Avondale South
Avonmore and Brook Green
Avonmouth
Awe
Awre
Awsworth
Axbridge

Axe Vale
Axholme Central
Axholme North
Axholme South
Axminster Rural
Axminster Town
Aylesbury Central
Aylesford
Aylesford Green
Aylesham
Aylestone
Aylestone
Aylsham
Ayr Belmont
Ayr Central
Ayr Craigie
Ayr Doonfoot and Seafield
Ayr Forehill
Ayr Fort
Ayr Lochside
Ayr Masonhill
Ayr Newton
Ayr Old Belmont
Ayr Rozelle
Ayr Whitletts
Ayresome
Baberton
Bablake
Backbury
Backwell
Bacton and Old Newton
Badby
Baddesley and Grendon
Badenoch East
Badenoch West
Badgeworth
Badminton
Badsey
Badwell Ash
Baffins
Bagillt East
Bagillt West
Baglan
Bagley
Bagnall and Stanley
Bagots
Bagshot
Baguley
Baildon
Baillieston

Baird
Bakewell
Bala
Balby
Balderstone and Kirkholt
Balderton North
Balderton West
Baldock East
Baldock Town
Baldridgeburn
Baldwin
Balerno
Balgay
Balgeddie and Collydean
Balgillo
Balgowan
Balham
Baljaffray/Mosshead
Ballee
Ballifeary
Ballinamallard
Ballinderry
Ballinger, South Heath and Chartridge
Ballingry and Lochore
Balloch
Balloch
Balloch East and Ravenswood
Balloch West, Blackwood East and Craigmarloch
Balloo
Ballybay
Ballybot
Ballycarry
Ballyclare North
Ballyclare South
Ballycolman
Ballycraigy
Ballycrochan
Ballydown
Ballyduff
Ballygawley
Ballygowan
Ballyhackamore
Ballyhanwood
Ballyhenry
Ballyhoe and Corkey
Ballyholme
Ballykeel
Ballykelly
Ballyloran
Ballylough

Ballyloughan
Ballymacarrett
Ballymacash
Ballymacbrennan
Ballymaconnell
Ballymacoss
Ballymagee
Ballymaglave
Ballymaguigan
Ballymartrim
Ballymote
Ballynafeigh
Ballynahinch East
Ballynashallog
Ballynure
Ballyoran
Ballyrainey
Ballyrobert
Ballysaggart
Ballysally
Ballysillan
Ballywalter
Ballyward
Balmuildy and Park
Balsham
Bamber Bridge East
Bamber Bridge North
Bamber Bridge West
Bamburgh
Bamford
Bampton and Clanfield
Banagher
Banbridge West
Banbury Calthorpe
Banbury Easington
Banbury Grimsbury and Castle
Banbury Hardwick
Banbury Neithrop
Banbury Ruscote
Banchory East and Crathes
Banchory West
Bandley Hill
Banff
Banff West and Boyndie
Bangor Castle
Bank Hall
Bank Top
Bankhead
Bankhead/Stoneywood
Banknock

Bannockburn East
Bannockburn West
Bannside
Banstead Village
Banton and Kilsyth East
Banwell and Winscombe
Banwy
Bar Hill
Bar Pool
Barby and Kilsby
Barcombe and Hamsey
Barden Fell
Bardney
Bardon
Bardon
Bardwell
Bare
Bargate
Bargeddie and Langloan
Bargoed
Barham Downs
Barkham
Barking and Somersham
Barkingside
Barlanark
Barlaston and Oulton
Barlborough
Barlby
Barlestone, Nailstone and Osbaston
Barling and Sutton
Barloan/Overtoun
Barloch
Barlow and Holmesfield
Barming
Barms
Barnack
Barnard Castle East
Barnard Castle North
Barnard Castle West
Barncroft
Barnehurst
Barnes
Barnes
Barnfield
Barnfield
Barnham
Barnhill
Barnhill
Barnhill
Barnhill and West Carse

Barningham	
Barningham and Ovington	
Barnsbury	
Barnston and High Easter	
Barnton	
Barnwell	
Barnwood	
Barony Weaver	
Barra and Vatersay	
Barrhead Central	
Barrhead East	
Barrhead North	
Barrow	
Barrow	
Barrow and Sileby West	
Barrow Hill and New Whittington	
Barrow Island	
Barrowby	
Barrowford	
Bartley Green	
Barton	
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Barton	
Barton and Sandhills	
Barton and Tredworth	
Barton-le-Clay	
Baruc	
Barvas and Arnol	
Barwell	
Baschurch	
Basford	
Bashley	
Basildon	
Basing	
Bassenhally	
Bassett	
Bassingbourn	
Bassingham	
Bassishaw	
Bastwell	
Baswich	
Batchley	
Batchwood	
Bathavon North	
Bathavon South	
Bathavon West	

Bathwick
Batley East
Batley West
Battenhall
Battins
Battle
Battle Hill
Battle Town
Battledown
Battlefield
Battlefield and Heathgates
Baughurst
Baxenden
Baxter Park
Bayhead
Baylis and Stoke
Bayston Hill
Bayswater
Beach
Beacon
Beacon
Beacon
Beacon and Bents
Beacon Road
Beaconsfield North
Beaconsfield South
Beaconsfield West
Beacon-Stow
Beadnell
Beaminster
Bean and Darenth
Beancross
Beardwood with Lammack
Beare Green
Bearpark and Witton Gilbert
Bearsden
Bearsted
Beauchief and Greenhill
Beaufort
Beauly and Strathglass
Beaumaris
Beaumont and Thorpe
Beaumont Leys
Beaver
Bebington
Beccles North
Beccles South
Beck Vale
Beckermet
Beckfield



Beckingham
Beckington and Rode
Beckton
Becontree
Becton
Bedale
Beddau
Beddington North
Beddington South
Bede
Bede
Bedfont
Bedford
Bedgrove
Bedhampton
Bedlington Central
Bedlington East
Bedlington West
Bedlinog
Bedminster
Bedmond & Primrose Hill
Bedwardine
Bedwas, Trethomas and Machen
Bedwell
Bedwyn
Beechill
Beechmount
Beechwood
Beechwood
Beechwood
Beechwood
Beer and Branscombe
Beeston and Holbeck
Beeston Central
Beeston North
Beeston Rylands
Beeston West
Beguildy
Beighton
Beith
Belah
Belcoo and Garrison
Belfairs
Belford
Belgrave
Belgrave
Belhaven
Belhelvie
Belhus
Bellaghy

Belle Vale	
Belle Vale	
Belle Vue	
Belle Vue	
Belleek and Boa	
Bellevue	
Bellfield	
Bellingham	
Bellingham	
Bellshill North	
Belmont	
Belmont	
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Belmont	
Belper Central	
Belper East	
Belper North	
Belper South	
Belsize	
Belvedere	
Bembridge North	
Bembridge South	
Bemerton	
Benburb	
Benenden and Cranbrook	
Benfieldside	
Bengeworth	
Benhall and The Reddings	
Benhar	
Benn	
Bennetts End	
Bennochty and Valley	
Bensham Manor	
Benson	
Bentham	
Bentilee and Townsend	
Bentley	
Bentley and Darlaston North	
Benton	
Benvardin	
Benwell and Scotswood	
Benwick, Coates and Eastrea	
Beragh	
Bere Ferrers	
Bere Regis	
Berechurch	
Berinsfield	

Berkeley
Berkhamsted Castle
Berkhamsted East
Berkhamsted West
Berners
Berridge
Berriew
Berrow
Berry Head-with-Furzeham
Berry Hill
Berry Hill
Berryden
Berryhill and Hanley East
Berrylands
Berstane and Work
Bersted
Bessacarr and Cantley
Bessbrook
Besses
Bestwood
Bestwood Village
Bethel
Bethel
Bethnal Green North
Bethnal Green South
Bettws
Bettws
Betws
Betws yn Rhos
Betws-y-Coed
Beulah
Beverley
Beverley
Beverley Rural
Bevois
Bewbush
Bewdley and Arley
Bewsey and Whitecross
Bicester East
Bicester North
Bicester South
Bicester Town
Bicester West
Bickenhill
Bickerstaffe
Bickington and Roundswell
Bickleigh and Shaugh
Bickley
Bicknacre and East and West Hanningfield
Biddenden

Biddick and All Saints
Biddulph East
Biddulph Moor
Biddulph North
Biddulph South
Biddulph West
Bideford East
Bideford North
Bideford South
Bidford and Salford
Bidston and St James
Bierton
Biggar/Symington and Black Mount
Biggin Hill
Biggleswade Holme
Biggleswade Ivel
Biggleswade Stratton
Bigyn
Bilborough
Bilbrook
Billericay East
Billericay West
Billesdon
Billesley
Billing
Billinge and Seneley Green
Billingham Central
Billingham East
Billingham North
Billingham South
Billingham West
Billinghay
Billingsgate
Billingshurst and Shipley
Billington and Old Langho
Bilsthorpe
Bilston East
Bilston North
Bilston/Roslin
Bilton
Bilton
Binbrook
Binfield with Warfield
Bingham East
Bingham West
Bingley
Bingley Rural
Binley and Willenhall
Binnian
Binstead

Binsted and Bentley
Birch
Birch and Winstree
Birch Copse
Birch Green
Birchanger
Bircher
Birchfield
Birchills Leamore
Birchin
Birchington North
Birchington South
Birchwood
Birchwood
Birkdale
Birkenhead and Tranmere
Birklands
Birley
Birsay and Dounby
Birstall and Birkenshaw
Birstall Wanlip
Birstall Watermead
Birtley
Biscot
Bisham and Cookham
Bishop Auckland Town
Bishop Middleham and Cornforth
Bishop Monkton
Bishopdown
Bishops Cannings
Bishops Waltham
Bishopsgarth and Elm Tree
Bishopsgate
Bishopsteignton
Bishopstoke East
Bishopstoke West
Bishopston
Bishopston
Bishopsworth
Bishopthorpe
Bishopton
Bisley
Bisley
Bispham
Bitterley with Stoke St Milborough
Bitterne
Bitterne Park
Bitton
Bixley
Blaby South

Black Isle North
Black Notley and Terling
Blackbird Leys
Blackbrook
Blackbrook
Blackburn
Blackcave
Blackdown
Blackdown
Blackfen and Lamorbey
Blackhall and Hawkhead
Blackhalls
Blackhead
Blackheath
Blackheath
Blackheath and Wonersh
Blackheath Westcombe
Blackhill
Blackhouse
Blacklaw
Blackmill
Blackmoor Vale
Blackmore
Blacko and Higherford
Blackstaff
Blackwall and Cubitt Town
Blackwater
Blackwater
Blackwater and Hawley
Blackwell
Blackwood
Blackwood
Blacon Hall
Blacon Lodge
Blaen Hafren
Blaenavon
Blaengarw
Blaengwrach
Blagdon and Churchill
Blagreaves
Blaina
Blairdardie
Blairgowrie
Blairhall, High Valleyfield and Torryburn
Blairpark
Blaisdon and Longhope
Blakedown and Chaddesley
Blakelaw
Blakenall
Blakenhall

Blakesley
Blandford Damory Down
Blandford Hilltop
Blandford Langton St Leonards
Blandford Old Town
Blandford Station
Blane Valley
Blantyre West
Blaris
Blatchcombe
Blaydon
Blean Forest
Bleary
Bledlow and Bradenham
Blendon and Penhill
Blenheim Park
Bletchingley and Nutfield
Bletchley and Fenny Stratford
Blewbury and Upton
Blidworth
Blisland and St Breward
Blisworth
Blockley
Blofield with South Walsham
Bloomfield
Bloomfield
Bloomfield
Bloomsbury
Bloxham and Bodicote
Bloxwich East
Bloxwich West
Blue Bell Hill and Walderslade
Bluefield
Blundellsands
Blunsdon
Blurton
Blyth
Blythe
Blything
Blythswood
Boarhunt and Southwick
Bockhanger
Bocking Blackwater
Bocking North
Bocking South
Bockings Elm
Boddam-Inverugie
Bodelwyddan
Bodffordd
Bodmin St Petroc

Bodorgan
Boghall
Boho, Cleenish and Letterbreen
Bold
Boldon Colliery
Boldre and Sway
Bolehall
Boley Park
Boleyn
Bollington Central
Bollington East
Bollington West
Bolney
Bolsover North West
Bolsover South
Bolsover West
Bolton and Undercliffe
Bolton Castle
Bolton-le-Sands
Boltons
Bonamargy and Rathlin
Bondfields
Boney Hay
Boneybefore
Bonhill East
Boniface
Bonington
Bonnybridge
Bonnyrigg North
Bonnyrigg South
Bontnewydd
Bonymaen
Booker and Cressex
Bookham North
Bookham South
Boothferry
Boothstown and Ellenbrook
Bootle
Borden
Bordesley Green
Boreham and The Leighs
Borehamwood Brookmeadow
Borehamwood Cowley Hill
Borehamwood Hillside
Borehamwood Kenilworth
Borestone
Borough Green and Long Mill
Boroughbridge
Borras Park
Borrowstoun



Borth
Boscawen
Boscombe East
Boscombe West
Bosham
Boslowick
Boston Castle
Bosworth
Botanic
Botcherby
Bothal
Bothwell South
Botley
Bottesford
Bottesford
Bottisham
Botwell
Botwnnog
Boughton
Boughton
Boughton Aluph and Eastwell
Boughton and Courtenay
Boughton and Pitsford
Boughton Green
Boughton Heath
Boughton Monchelsea and Chart Sutton
Boulsworth
Boultham
Boulton
Bounds Green
Bourn
Bourne
Bourne East
Bourne End-cum-Hedsor
Bourne Vale
Bourne Valley
Bourne West
Bournmoor
Bournville
Bourton and District
Bourton-on-the-Water
Bourtreehill
Bovey
Bovingdon, Flaunden & Chipperfield
Bow East
Bow West
Bowbridge
Bowbrook
Bowbrook
Bowdon

Bowerdean
Bowes
Bowland, Newton and Slaidburn
Bowling and Barkerend
Bowling/Milton/Old Kilpatrick
Bowthorpe
Bowydd and Rhiw
Box
Box Hill and Headley
Boxford
Boxgrove
Boxley
Boxmoor
Boyce
Boyd Valley
Boyn Hill
Bracebridge
Bracebridge Heath and Waddington East
Brackens
Brackla
Brackley East
Brackley South
Brackley West
Bradfield, Wrabness and Wix
Bradford
Bradford Abbas
Bradford Moor
Bradford-on-Avon North
Bradford-on-Avon South
Bradford-on-Tone
Brading and St Helens
Bradley
Bradley
Bradley Stoke Baileys Court
Bradley Stoke Bowsland
Bradley Stoke Sherbourne
Bradninch
Bradpole
Bradshaw
Bradstowe
Bradwell
Bradwell
Bradwell
Bradwell North
Bradwell South and Hopton
Bradwell, Silver End and Rivenhall
Braidfauld
Braighe
Brailes
Brailsford

Braint
Braintree Central
Braintree East
Braintree South
Bramber, Upper Beeding and Woodmancote
Brambleside
Bramcote
Bramford and Blakenham
Bramhall North
Bramhall South
Bramingham
Bramley and Stanningley
Bramley, Busbridge and Hascombe
Brampton
Brampton
Brampton
Brampton
Brampton and Walton
Bramshaw, Copythorne North and Minstead
Bramshott and Liphook
Brancaster
Brancepeth, Langley Moor and Meadowfield
Brandon
Brandon East
Brandon West
Brandwood
Brandyquoy
Brandywell
Branksome East
Branksome West
Bransgore and Burley
Bransholme East
Bransholme West
Branston
Branston and Mere
Bransty
Brant Broughton
Brasted, Chevening and Sundridge
Bratton Fleming
Braughing
Braunston
Braunston and Belton
Braunstone Park and Rowley Fields
Braunton East
Braunton West
Bray
Braybrooke
Brayton
Bread Street
Breadalbane

Breage and Crowan
Bream
Breaston
Brechin North Esk
Brechin South Esk
Brechin West
Breck
Bredbury and Woodley
Bredbury Green and Romiley
Brede Valley
Brediland
Bredon
Breedon
Breich Valley
Brightmet
Breiwick
Bremhill
Brenchley and Horsmonden
Brent
Brent North
Brentford
Brentwood North
Brentwood South
Brentwood West
Brereton
Brereton and Ravenhill
Bressingham and Burston
Bretforton and Offenham
Brett Vale
Bretton North
Bretton South
Brewood and Coven
Brickhill
Brickhill
Bricknell
Bridestowe
Bridge
Bridge
Bridge
Bridge
Bridge
Bridge & Bridge Without
Bridge of Allan
Bridge of Don
Bridge of Weir North and Craigends
Bridge of Weir South and Brookfield
Bridgemary North
Bridgemary South
Bridges
Bridgeton/Dalmarnock

Bridgnorth Castle
Bridgnorth East
Bridgnorth Morfe
Bridgnorth West
Bridgwater Bower
Bridgwater Eastover
Bridgwater Hamp
Bridgwater Quantock
Bridgwater Sydenham
Bridgwater Victoria
Bridlington Central and Old Town
Bridlington North
Bridlington South
Bridport North
Bridport South and Bothenhampton
Briercliffe
Brierfield
Brierley Hill
Brigg and Wolds
Brighouse
Brighstone and Calbourne
Brightlingsea
Brighton Hill North
Brighton Hill South
Brightwell
Brill
Brimington North
Brimington South
Brindle and Hoghton
Bringsty
Brinkworth and The Somerfords
Brinnington and Central
Brinsley
Brinsworth and Catcliffe
Brislington East
Brislington West
Bristnall
Briston
Brithdir and Llanfachreth/Ganllwyd/Llanelltyd
Briton Ferry East
Briton Ferry West
Britwell
Brixton Hill
Brixworth
Brize Norton and Shilton
Brizes and Doddinghurst
Brizlincote
Broad Green
Broad Oak
Broad Oak and the Hallingburys

Broad Street
Broadbridge Heath
Broadclyst
Broadfield North
Broadfield South
Broadheath
Broadheath
Broadheath
Broadheath
Broadley Common, Epping Upland and Nazeing
Broadmayne
Broadstone
Broadwater
Broadwater
Broadwaters
Broadway
Broadway and Wickhamford
Broadwindsor
Brock
Brockenhurst and Forest South East
Brockham, Betchworth and Buckland
Brockhurst
Brockley
Brockmoor and Pensnett
Brockwell
Brockworth
Bromborough
Bromesberrow and Dymock
Bromham
Bromham and Rowde
Bromley Common and Keston
Bromley Cross
Bromley Town
Bromley-by-Bow
Brompton
Brompton
Brompton Ralph and Haddon
Brompton-on-Swale and Scorton
Bromyard
Brondesbury Park
Bronington
Bronllys
Brook
Brooke
Brookeborough
Brookfield
Brookfield
Brookfield
Brooklands
Brooklands

Brooklands
Brookmans Park and Little Heath
Brookside
Brookvale and Kings Furlong
Brookwood
Broom
Broom
Broomfield and The Walthams
Broomhaugh and Riding
Broomhill
Broomhill
Broomhill
Broomridge
Brora
Broseley East
Broseley West
Brothock
Brotton
Brough
Broughshane
Broughton
Broughton
Broughton
Broughton and Appleby
Broughton and Greenhow
Broughton and Stockbridge
Broughton Astley-Astley
Broughton Astley-Broughton
Broughton Astley-Primethorpe
Broughton Astley-Sutton
Broughton North East
Broughton South
Broughty Ferry
Brown Edge and Endon
Brownhills
Brownsover North
Brownsover South
Brownstown
Brownswood
Broxbourne
Bruce Grove
Brucefield and Nethertown
Brumby
Brundall
Brunel
Brunshaw
Brunswick
Brunswick
Brunswick and Adelaide
Brunswick Park

Brunswick Park
Brus
Bruton
Bryansburn
Bryanston and Dorset Square
Bryher
Brymbo
Brympton
Bryn
Bryn
Bryn and Cwmavon
Bryn Cefn
Bryncethin
Bryncoch
Bryn-coch North
Bryn-coch South
Bryn-crug/Llanfihangel
Brynford
Bryngwran
Brynmawr
Bryna
Brynteg
Bryntirion, Laleston and Merthyr Mawr
Brynwern
Brynyffynnon
Buccleuch
Buchan North
Buchan North East
Buchanhaven
Buckden
Buckenham
Buckhaven and Denbeath
Buckhurst Hill East
Buckhurst Hill West
Buckie Central
Buckie East and Findochty
Buckie West
Buckingham
Buckingham North
Buckingham South
Buckland
Buckland
Buckland and Milber
Buckland Monachorum
Bucklebury
Buckley Bistre East
Buckley Bistre West
Buckley Mountain
Buckley Pentrobin
Bucklow-St Martins



Bucknell
Buckskin
Budbrooke
Bude
Budleigh
Budshead
Buglawton
Builth
Bulbarrow
Bulford
Bulk
Bulkington
Bullbrook
Bulmershe and Whitegates
Bulwell
Bulwell Forest
Bumpstead
Bunbury
Bungay
Bunhill
Buntingford
Bunwell
Burbage
Burbage
Burbage Sketchley and Stretton
Burbage St Catherines and Lash Hill
Bures St Mary
Burford
Burford
Burgess Hill Dunstall
Burgess Hill Franklands
Burgess Hill Leylands
Burgess Hill Meeds
Burgess Hill St Andrews
Burgess Hill Victoria
Burgh
Burgh
Burgh and Haverscroft
Burgh le Marsh
Burghclere
Burghfield
Burghill, Holmer and Lyde
Burghsea
Burham, Eccles and Wouldham
Burleigh Hill
Burlingham
Burmantofts and Richmond Hill
Burn Valley
Burnage
Burnbank/Blantyre

Burneside
Burnfoot and Mansfield
Burngreave
Burnham
Burnham Beeches
Burnham Church
Burnham Lent Rise
Burnham North
Burnham South
Burnham-on-Crouch North
Burnham-on-Crouch South
Burnhope
Burnopfield
Burnt Oak
Burnthill
Burntwood Central
Burpham
Burra/Trondra
Burrator
Burren and Kilbroney
Burringham and Gunness
Burrow Hill
Burrsville
Burry Port
Burscough East
Burscough West
Bursledon and Old Netley
Burslem North
Burslem South
Burstead
Burstow, Horne and Outwood
Burton
Burton
Burton & Holme
Burton & Ness
Burton and Winkton
Burton Bradstock
Burton Dasset
Burton Joyce and Stoke Bardolph
Burton upon Stather and Winterton
Burtonwood and Winwick
Burwell
Bury
Bury Green
Busby
Bush Fair
Bush Hill Park
Bushbury North
Bushbury South and Low Hill
Bushell

Bushey Heath
Bushey North
Bushey Park
Bushey St James
Bushmills
Bute Central
Bute North
Bute South
Butetown
Butt Lane
Buttrills
Butts Ash and Dibden Purlieu
Buxted and Maresfield
Buxton
Buxton Central
Bwlch
Bybrook
Byerley
Byfield
Byfleet
Byker
Bynea
Cabin Lane
Cabot
Cabus
Cadbury
Cadder/Langbrae
Caddington, Hyde and Slip End
Cadeby, Carlton and Market Bosworth with Shackerstone
Cadham, Pitcoudie and Balfarg
Cadishead
Cadley
Cadnant
Cadnant
Cadoc
Cadoxton
Cadwell
Cadzow
Caerau
Caerau
Caergwrle
Caerhun
Caerlaverock
Caerleon
Caersws
Caerwent
Caerwys
Cage Green
Cainscross
Cairn Valley

Cairneyhill, Carnock and Milesmark
Cairns
Cairnshill
Caister North
Caister South
Caistor
Caithness Central
Caithness North East
Caithness North West
Caithness South East
Calcot
Caldecote
Caldecott
Calder
Calder
Calder Valley
Calderbank
Calderglen
Calderwood
Caldicot Castle
Caledon
Caledonian
Callan Bridge
Calleva
Callington
Callowland
Calne Abberd
Calne Chilvester
Calne Lickhill
Calne Marden
Calne Priestley
Calne Quemerford
Calne Without
Calstock
Calton
Calton
Calver
Calverley and Farsley
Calverton
Cam East
Cam Vale
Cam West
Camberwell Green
Camblesforth
Camborne North
Camborne South
Camborne West
Cambrian
Cambridge
Cambuslang Central

Cambusnethan
Camden Town with Primrose Hill
Camelford
Camelon
Camelot
Camelot
Camlough
Camowen
Camp Hill
Campbell Park
Campbeltown Central
Campden
Campden-Vale
Camperdown
Camperdown
Campsie
Campsies
Camrose
Canal
Canbury
Candlewick
Canford Cliffs
Canford Heath East
Canford Heath West
Cann Hall
Canning Town North
Canning Town South
Cannington and Quantocks
Cannock East
Cannock North
Cannock South
Cannock West
Cannon Hill
Canonbie and Kirtle
Canonbury
Canons
Canonsleigh
Cantelowes
Canton
Cantref
Canvey Island Central
Canvey Island East
Canvey Island North
Canvey Island South
Canvey Island West
Canvey Island Winter Gardens
Caol
Capel
Capel Dewi
Capel, Leigh and Newdigate

Capel-le-Ferne
Capelulo
Carbrain East
Carbrain West and Greenfaulds
Cardenden, Cluny and Chapel
Cardonald
Cardross
Carew
Carfax
Carhampton and Withycombe
Carholme
Carisbrooke East
Carisbrooke West
Carland
Carleton
Carloway
Carlton
Carlton
Carlton
Carlton
Carlton Colville
Carlton Hill
Carluke/Crawforddyke
Carluke/Whitehill
Carmarthen Town North
Carmarthen Town South
Carmarthen Town West
Carmondean
Carmunnock
Carn Hill
Carnany
Carncastle
Carnforth
Carnlough
Carnmoney
Carnmoon
Carnoustie Central
Carnoustie East
Carnoustie West
Carntyne
Carnwadric
Carpenders Park
Carreg Llwyd
Carrigatuke
Carrongrange
Carrowdore
Carrowreagh
Carrville and Gilesgate Moor
Carryduff East
Carryduff West



Castledearg
Castlefields
Castlefields and Quarry
Castleford Central and Glasshoughton
Castlehead
Castlehill
Castlehill/Thorn
Castleland
Castlemilk
Castlerock
Castleside
Castleton
Castleview
Castlewellan
Catchgate
Catford South
Cathall
Cathays
Cathcart
Cathedral
Cathedral
Cathedrals
Cathkin/Springhall
Catrine, Sorn and Mauchline East
Catshill
Catterall
Catterick
Catton Grove
Cauldwell
Caunton
Cavehill
Cavendish
Cavendish
Caversfield
Caversham
Caverswall
Caw
Cawood with Wistow
Caynham with Ashford
Cayton
Cazenove
Cedar Hall
Cefn
Cefn Cribwr
Cefn Fforest
Cefn Glas
Cefni
Cellarhead
Cenarth
Central





Chafford and North Stifford
Chagford
Chailey and Wivelsfield
Chaldon
Chale, Niton and Whitwell
Chalfont Common
Chalfont St Giles
Chalford
Chalgrove
Chalk
Chalke Valley
Chalkwell
Chalkwell
Challney
Chalvey
Chanctonbury
Chantry
Chapel Allerton
Chapel and Gadie
Chapel East
Chapel End
Chapel St Leonards
Chapel West
Chapelcross
Chapelhall
Chapelton
Chard Avishayes
Chard Combe
Chard Crimchard
Chard Holyrood
Chard Jocelyn
Charfield
Charford
Charing
Charlbury and Finstock
Charlemont
Charlemont with Grove Vale
Charles Dickens
Charlestown
Charlton
Charlton
Charlton Kings
Charlton Park
Charlwood
Charminster and Cerne Valley
Charmouth
Charnock
Charnwood
Charterlands
Chartham and Stone Street

Chartley
Charvil
Charville
Chase
Chase
Chase
Chase Terrace
Chasetown
Chatburn
Chatham
Chatham Central
Chatsworth
Chaucer
Chaucer
Chaulden & Shrubhill
Cheadle and Gatley
Cheadle Hulme North
Cheadle Hulme South
Cheadle North East
Cheadle South East
Cheadle West
Cheam
Cheap
Checkley
Chedburgh
Cheddar and Shipham
Cheddington
Cheddleton
Chedgrave and Thurton
Chedworth
Cheetham
Chelford
Chell and Packmoor
Chellaston
Chells
Chelmer Village and Beaulieu Park
Chelmsford Rural West
Chelmsley Wood
Chelsfield and Pratts Bottom
Cheriton and Bishops Sutton
Cherry Hinton
Cherry Willingham
Cherryfield
Cherryvalley
Chertsey Meads
Chertsey South and Row Town
Chesham Bois and Weedon Hill
Cheshunt Central
Cheshunt North
Chesil Bank

Cheslyn Hay North and Saredon
Cheslyn Hay South
Chessington North and Hook
Chessington South
Chester Central
Chester East
Chester North
Chester South
Chester West
Chesterton
Chestfield and Swalecliffe
Cheveley
Cheverell
Chevington
Cheviot
Chew Valley North
Chew Valley South
Cheylesmore
Chichester East
Chichester North
Chichester Park
Chichester South
Chichester West
Chickerell
Chiddingfold and Dunsfold
Chiddingly and East Hoathly
Chideock and Symondsburry
Chieveley
Chigwell Row
Chigwell Village
Chilcompton
Childs Hill
Childwall
Chiltern
Chiltern Rise
Chiltern Woods
Chilton
Chilwell East
Chilwell West
Chilworth, Nursling and Rownhams
Chineham
Chingford Green
Chinnor
Chippenham Allington
Chippenham Audley
Chippenham Avon
Chippenham Hill Rise
Chippenham London Road
Chippenham Monkton Park
Chippenham Park

Chippenham Pewsham
Chippenham Redland
Chippenham Westcroft/Queens
Chipping
Chipping Norton
Chipping Ongar, Greensted and Marden Ash
Chipping Sodbury
Chipstead, Hooley and Woodmansterne
Chirbury
Chirk North
Chirk South
Chirnside and District
Chirton
Chislehurst
Chisnall
Chiswick Homefields
Chiswick Riverside
Chittlehampton
Chobham
Cholesbury, The Lee and Bellingdon
Chollerton with Whittington
Cholsey and Wallingford South
Choppington
Chopwell and Rowlands Gill
Chorley East
Chorley North East
Chorley North West
Chorley South East
Chorley South West
Chorleywood East
Chorleywood West
Chorlton
Chorlton Park
Chowdene
Christ Church
Christchurch
Christchurch
Christchurch
Christchurch
Christchurch and English Bicknor
Christleton
Chryston and Auchinloch
Chudleigh
Chulmleigh
Church
Church
Church
Church
Church
Church

Church Aston and Lilleshall
Church Crookham East
Church Crookham West
Church Eaton
Church End
Church Gresley
Church Hill
Church Langley
Church Street
Church Stretton North
Church Stretton South
Church Village
Churcham and Huntley
Churchdown Brookfield
Churchill
Churchill
Churchill
Churchill
Churchland
Churchstoke
Churn Valley
Churnet
Churnet
Churston-with-Galmpton
Cilcain
Cilfynydd
Cilgerran
Ciliau Aeron
Cilycwm
Cimla
Cinderford East
Cinderford West
Cippenham Green
Cippenham Meadows
Cirencester Beeches
Cirencester Chesterton
Cirencester Park
Cirencester Stratton-Whiteway
Cirencester Watermoor
City
City and Hunslet
City Centre
Clackmannan
Clady
Claggan and Glen Spean
Claines
Clairville
Clanabogan
Clandeboye
Clandon and Horsley

Clanfield and Finchdean
Clapham
Clapham Common
Clapham Town
Clare
Clare
Clare and Shuttern
Claremont
Claremont
Clarence
Clarendon
Clarkson
Clarkston
Clarkston
Claro
Clatterbridge
Claudy
Claughton
Claverdon
Claverhouse
Clavering
Claverley
Clay Cross North
Clay Cross South
Clay Hill
Claydon
Claydon and Barham
Claygate
Clayhall
Clayton
Clayton and Fairweather Green
Clayton-le-Dale with Ramsgreave
Clayton-le-Moors
Clayton-le-Woods and Whittle-le-Woods
Clayton-le-Woods North
Clayton-le-Woods West and Cuerden
Clayworth
Cleadon and East Boldon
Cleadon Park
Cleator Moor North
Cleator Moor South
Cleckheaton
Clee
Cleeve Grange
Cleeve Hill
Cleeve West
Cleland
Clementswood
Clenchwarton
Cleobury Mortimer

Clerkenwell
Clerkhill
Clevedon Central
Clevedon East
Clevedon North
Clevedon South
Clevedon Walton
Clevedon West
Clevedon Yeo
Cleveland
Cleveleys Park
Clewer East
Clewer North
Clewer South
Clickimin
Cliff Villages
Cliffburn
Clifford
Cliffsend and Pegwell
Clifton
Clifton
Clifton
Clifton
Clifton
Clifton and Bradley
Clifton and Meppershall
Clifton East
Clifton North
Clifton South
Cliftonville
Cliftonville East
Cliftonville West
Clifton-with-Maidenway
Clinton
Clipperstown
Clipston
Clipstone
Clissold
Clive and Myddle
Cliviger with Worsthorne
Clober
Clock House
Clogh Mills
Clogher
Clonallan
Clonard
Clondermot
Cloughfern
Clovelly Bay
Clover Hill



Clowne North
Clowne South
Clubmoor
Clun
Clun Forest
Clutton
Clydach
Clydau
Clyde Valley
Clynnog
Clyst Valley
Coagh
Coal Aston
Coal Clough with Deerplay
Coaley and Uley
Coalisland North
Coalisland South
Coalisland West and Newmills
Coalville
Coastal
Coatbridge Central
Coates
Coatham
Coatshill/Low Blantyre
Cobham and Downside
Cobham Fairmile
Cockenzie and Port Seton
Cockerton East
Cockerton West
Cockett
Cockfield
Cockfosters
Cockington-with-Chelston
Cockshutt
Cockton Hill
Codicote
Codnor and Waingroves
Codsall North
Codsall South
Coed Eva
Coedffranc Central
Coedffranc North
Coedffranc West
Coedpoeth
Cogenhoe
Coggeshall and North Feering
Cogshall
Coham Bridge
Coity
Cokeham

Coker
Colburn
Cold Ash
Colden Common and Twyford
Coldharbour
Coldharbour
Coldharbour
Coldharbour and New Eltham
Coldhurst
Coldstream and District
Coleford
Coleford Central
Coleford East
Colehill East
Colehill West
Coleman
Coleman Street
Coleridge
Colerne
Coleshill North
Coleshill South
Colindale
Colinton
Coll
College
College
College
College
College
College
College
College
College
College Park and Old Oak
College Town
Colliers Wood
Collin Glen
Collinbridge
Collingbourne
Collingham and Meering
Collington
Collingwood
Colnbrook with Poyle
Colne Valley
Colney Heath
Coltishall
Coltness
Colton and Mavesyn Ridware
Column
Colville

Colwyn
Coly Valley
Colyers
Combe Down
Combe Martin
Comber East
Comber North
Comber West
Comberton
Comeytrove
Common
Compton
Compton
Compton Acres
Compton and Otterbourne
Comrie
Condorrat Central
Condorrat North and Westfield
Condover
Congleton Central
Congleton North
Congleton North West
Congleton South
Congleton West
Congresbury
Conifer
Coningsby and Tattershall
Conisbrough and Denaby
Coniston
Conlig
Conon and Maryburgh
Conquest
Consett East
Consett North
Consett South
Constantine, Gweek and Mawnan
Conwy
Cookley
Coole
Coolestan
Coolhill
Coolnagard
Coombe Hill
Coombe Hill
Coombe Vale
Copers Cope
Copford and West Stanway
Copnor
Coppenhall
Coppetts

Coppull
Copt Hill
Copthorne
Copthorne and Worth
Corbar
Corbridge
Corcrain
Cordwainer
Corfe Mullen Central
Corfe Mullen North
Corfe Mullen South
Cornelly
Corner Hall
Cornerswell
Cornhill
Cornsay
Cornwood and Sparkwell
Coronation
Corporation Park
Corpusty
Corringham and Fobbing
Corris/Mawddwy
Corsham
Corve Valley
Corwen
Cosby with South Whetstone
Coseley East
Cosgrove
Cosham
Cossall and Kimberley
Cote
Cote Heath
Cotgrave
Cotham
Cotherstone with Lartington
Cotmanhay
Coton
Cotswold Edge
Cottenham
Cottesmore
Cottingham North
Cottingham South
Coulby Newham
Coulregrein
Coulsdon East
Coulsdon West
Coundon
Countesthorpe
County
Coupar Angus and Meigle

Coupe Green and Gregson Lane
Court
Court
Court
Courteenhall
Courtfield
Cove and Southwood
Covingham and Nythe
Cowbridge
Cowden and Hever
Cowdenbeath Central
Cowes Castle East
Cowes Castle West
Cowes Central
Cowes Medina
Cowfold, Shermanbury and West Grinstead
Cowick
Cowlairs
Cowley
Cowley Marsh
Cowling
Cowpen
Cowplain
Cowtons
Cox Green
Coxford
Coxheath and Hunton
Coxhoe
Coychurch Lower
Coylton and Minishant
Crabbs Cross
Cradley and Foxcote
Cradley Heath and Old Hill
Craghead and South Stanley
Craigavad
Craigie
Craigiebank
Craigleith
Craiglockhart
Craigmillar
Craigneuk
Craigneuk and Petersburn
Craignish - Glenaray
Craigshill
Craigy Hill
Craig-y-Don
Craigyarwarren
Crail, Cameron and Kemback
Crake Valley
Crakehall

Cramlington East
Cramlington Eastfield with East Hartford
Cramlington North
Cramlington Parkside
Cramlington South East
Cramlington Village
Cramlington West
Cramond
Cranborne Chase
Cranbrook
Crane
Cranfield
Cranfield
Cranford
Cranham
Cranleigh East
Cranleigh West
Cranmer
Cranmore
Craven
Craven
Craven
Crawcrook and Greenside
Crawfordsburn
Crawley
Crawley Down and Turners Hill
Cray Meadows
Cray Valley East
Cray Valley West
Crayford
Credenhill
Cree
Creech
Creech Barrow
Creekmoor
Cregagh
Creggan
Creggan Central
Creggan South
Creigiau/St. Fagans
Cremorne
Cressing and Stisted
Cressington
Crevagh
Crewkerne
Cribden
Criccieth
Crich
Crick
Cricket Green

Crickhowell
Cricklade
Crieff North
Crieff South
Criffel
Cringleford
Crinnis
Cripplegate
Crockenhill and Well Hill
Croesonen
Croesyceiliog North
Croesyceiliog South
Croft
Croft
Croft
Croft Baker
Croft Hill
Croftmalloch
Crofton Park
Crofton, Ryhill and Walton
Croham
Crome
Cromer Town
Crompton
Crompton
Cromwells
Cron dall
Crook North
Crook South
Crookedholm, Moscow, Galston West and Hurlford North
Crookes
Crookfur
Crooklands
Crookston
Cropredy
Cropton
Crosby and Park
Crosby Ravensworth
Crosland Moor and Netherton
Cross Gates and Whinmoor
Cross Glebe
Cross Heath
Cross in Hand/Five Ashes
Crossford and Dunfermline Central
Crossgar
Crossgate and Framwelgate
Crossgates and Mosside
Crosshill and Lochgelly North
Crosshouse, Gatehead and Knockentiber
Crosskeys

Crossmaglen
Crouch
Crouch End
Crowborough East
Crowborough Jarvis Brook
Crowborough North
Crowborough St. Johns
Crowborough West
Crowcombe and Stogumber
Crowhurst
Crowland
Crowmarsh
Crown
Crown
Crown
Crown Wood
Crowthorne
Croxley Green
Croxley Green North
Croxley Green South
Croxteth
Croxton Kerrial
Croy, Kilsyth South and Smithstone
Croyland
Crucorney
Cruden
Crumlin
Crumlin
Crumlin
Crummock
Crumpsall
Crwst
Crymych
Crynant
Crystal Palace
Cubbington
Cuckfield
Cuckoo Oak
Cuddington
Cuddington & Oakmere
Cudworth
Culcheth, Glazebury and Croft
Culduthel
Cullercoats
Culloden
Cullompton North
Cullompton Outer
Cullompton South
Cullybackey
Culmore



Cultra
Cults
Culverden
Cumberlands
Cummings Park
Cumnock East
Cumnock West
Cunningham
Cunningsburgh and Sandwick
Cupar North
Cupar South
Cupernham
Curborough
Curdworth
Currock
Curry Rivel
Curzon & Westminster
Custom House
Cuxton and Halling
Cwm
Cwm Cadnant
Cwm Clydach
Cwmbach
Cwmbwrla
Cwmllynfell
Cwmtillery
Cwm-twrch
Cwm-y-Glo
Cwmyniscoy
Cyfarthfa
Cymmer
Cymmer
Cyncoed
Cyngar
Cynwyl Elfed
Cynwyl Gaeo
Dacre
Dafen
Daisy Hill
Dalbeattie - Craignair
Dalbeattie - Milton
Dale
Dales
Dales
Dales-Towerhill
Dalgety Bay East
Dalgety Bay West and Hillend
Daliburgh and Eriskay
Dalkeith/Eskbank
Dalkeith/Newton

Dalkeith/Woodburn
Dallow
Dalmellington
Dalmeny/Kirkliston
Dalmuir/Central
Dalriada
Dalry
Dalry
Dalserf
Dalston
Dalston
Dalton
Dalton
Dalton North
Dalton South
Danby
Dane
Dane Valley
Dane Valley
Danehill/Fletching/Nutley
Danesborough
Danesholme
Daneshouse with Stoneyholme
Danestone
Danson Park
Daresbury
Darfield
Darlaston South
Darley
Darley Dale
Darnall
Darnley
Darnrig
Darren Valley
Dartington
Dartmouth and Kingswear
Dartmouth Townstal
Darton East
Darton West
Darvel
Darwell
Darwin
Datchet
Datchworth & Aston
Davenham & Moulton
Davenport and Cale Green
Davington Priory
Davyhulme East
Davyhulme West
Dawdon

Dawley Magna
Dawlish Central and North East
Dawlish South West
Dawson
Daybrook
De Beauvoir
De Parys
Dean
Dean
Dean Row
Deans
Deanshanger
Deanside
Dearne North
Dearne South
Debenham
Deckham
Deddington
Dedham and Langham
Dedridge
Deepdale
Deeping St James
Deeping St Nicholas
Deerness
Deganwy
Deiniol
Deiniolen
Delamere
Delapre
Dell
Delph
Delph and Cambus
Delting East and Lunnasting
Delting West
Delves Lane
Demesne
Denbigh
Denbigh Central
Denbigh Lower
Denbigh Upper/Henllan
Denby Dale
Dene
Dene House
Dene Valley
Deneside
Denham North
Denham South
Denmead
Denne
Dennistoun

Denny
Denny South
Denton
Denton
Denton Holme
Denton North East
Denton South
Denton West
Derby
Derby
Derby and Thornley
Derby Road East
Derby Road West
Dereham-Central
Dereham-Humbletoft
Dereham-Neatherd
Dereham-Toftwood
Dergmoney
Derringham
Derryaghy
Derryboy
Derrygonnelly
Derryleckagh
Derrylin
Derrymore
Derrynoose
Derrytrasna
Dersingham
Dervock
Derwent
Derwent
Derwent
Derwent Valley
Derwent Valley
Detling and Thurnham
Devauden
Devenish
Deviock and Sheviock
Devizes East
Devizes North
Devizes South
Devon
Devon and Clackmannan North
Devonport
Devonshire
Dewi
Dewsbury East
Dewsbury South
Dewsbury West
Dewstow

Dibden and Hythe East
Dickleburgh
Didcot All Saints
Didcot Ladygrove
Didcot Northbourne
Didcot Park
Didsbury East
Didsbury West
Diffwys and Maenofferen
Digmoor
Dilton Marsh
Dilworth
Dinas Cross
Dinas Powys
Dingwall North
Dingwall South
Dinnington
Dinting
Dipton
Disley & Lyme Handley
Disraeli
Diss
Disserth and Trecoed
Distington
Ditchingham and Broome
Ditchling and Westmeston
Ditton
Ditton
Ditton Priors
Dixton with Osbaston
Doagh
Dobwalls and District
Docking
Dodderhill
Doddington
Dodington
Dodleston
Dodnash
Dodworth
Dogsthorpe
Dolbenmaen
Dolforwyn
Dolgellau North
Dolgellau South
Dollar and Muckhart
Dollis Hill
Donagh
Donaghadee North
Donaghadee South
Donaghcloney

Donaghmore
Donaghmore
Donard
Donhead
Donington
Donington and Albrighton North
Donmouth
Donnington
Donnington
Donside and Cromar
Dorcan
Dorchester East
Dorchester North
Dorchester South
Dorchester West
Dordon
Dore and Totley
Dorking North
Dorking South
Dormansland and Felcourt
Dormanstown
Dormers Wells
Dorney and Burnham South
Dornoch Firth
Dorridge and Hockley Heath
Dothill
Douglas
Douglas
Douglas
Dovedale and Parwich
Doveridge and Sudbury
Dowgate
Dowlais
Downend
Downhall and Rawreth
Downham
Downham Old Town
Downham Villages
Downland
Downlands
Downlands and Forest
Downley and Plomer Hill
Downs
Downs
Downs
Downs North
Downs West
Downshire
Downswood and Otham
Downton and Redlynch

Doxford
Drake
Drakes Broughton
Drakes Cross and Walkers Heath
Draperstown
Draycott
Drayton
Drayton
Drayton and Farlington
Drayton North
Drayton South
Dreghorn
Drewsteignton
Driffield and Rural
Dringhouses and Woodthorpe
Droitwich Central
Droitwich East
Droitwich South East
Droitwich South West
Droitwich West
Dromara
Dromore
Dromore North
Dromore South
Dronfield North
Dronfield South
Dronfield Woodhouse
Drongan, Stair and Rankinston
Droxford, Soberton and Hambledon
Droylsden East
Droylsden West
Drumalane
Drumanaway
Drumaness
Drumbo
Drumgask
Drumglass
Drumgor
Drumgullion
Drumnakilly
Drumnamoe
Drumossie
Drumoyne
Drumquin
Drumragh
Drumry
Drybridge
Dryden
Dryfe and Lockerbie East
Drypool

Ducklington
Dudden Hill
Duddingston
Dudleston Heath
Dufferin
Duffield
Dukinfield
Dukinfield Stalybridge
Dullingham Villages
Duloe, Lansallos and Pelynt
Dulverton and Brushford
Dumbarton Central
Dumbarton East
Dumbarton North
Dumbarton West
Dun Valley
Dunanney
Dunbar East
Dunbar/West Barns
Dunblane East
Dunblane West
Duncairn
Duncanrig
Dunchurch and Knightlow
Dunclug
Dundas/Kerse
Dundonald
Dundonald
Dundonald and Loans
Dundooan
Dundrum
Duneaton/Carmichael
Dungiven
Dunholme
Dunkeswell
Dunkirk and Lenton
Dunloy
Dunluce
Dunminning
Dunmore
Dunmurry
Dunnamanagh
Dunnamore
Dunnikier
Dunrossness
Duns and District North
Duns and District South
Dunseverick
Dunsinnan
Dunstable Central



Dunster
Dunston
Dunston and Teams
Dunston Hill and Whickham East
Duntocher
Dunton
Dunton Green and Riverhead
Dunvant
Durhamtoun
Durn
Durrington
Durrington
Dursley
Duryard
Duthie
Duxford
Dyfan
Dyffryn
Dyffryn Ardudwy
Dyffryn Ceiriog/Ceiriog Valley
Dyke House
Dykehead
Dysart and Gallatown
Dyserth
Dyson Perrins
Eagle and North Scarle
Eaglescliffe
Eaglesham
Eakring
Ealing Broadway
Ealing Common
Eamont
Earby
Earcroft
Earith
Earl Craven and Wolston
Earl Shilton
Earl Soham
Earlesfield
Earlestown
Earls Barton
Earlsdon
Earlsfield
Earlston, Gordon and District
Earlswood and Whitebushes
Earn
Earnock
Earnshaw Bridge
Earsham
Easebourne

Easington Colliery
Easington Village and South Hetton
Easingwold
East
East
East
East
East
East Acton
East Barnet
East Brighton
East Calder
East Carse
East Central Helensburgh
East Central Kintyre
East Chesterton
East Cliff and Springbourne
East Cowes North
East Cowes South
East Craigs
East Dart
East Dean
East Donyland
East Downham
East Downs
East Dulwich
East Ecclesfield
East Finchley
East Flegg
East Goscote
East Gosforth
East Grinstead Ashplats
East Grinstead Baldwins
East Grinstead Herontye
East Grinstead Imberhorne
East Grinstead Town
East Guiltcross
East Ham Central
East Ham North
East Ham South
East Harestanes and Twechar
East Hunsbury
East India and Lansbury
East Linton/Gifford
East Lochfyne
East Mains
East Malling
East Markham
East Marsh
East Meon

East Middleton
East Park
East Peckham and Golden Green
East Poldens
East Port
East Preston with Kingston
East Putney
East Retford East
East Retford North
East Retford South
East Retford West
East Rural
East Saltdean and Telscombe Cliffs
East Sheen
East Southbourne and Tuckton
East Tilbury
East Tynedale
East Valley
East Walworth
East Wickham
East Williamston
East Wittering
East Wolds and Coastal
East Woodhay
Eastbourne
Eastbrook
Eastbrook
Eastbury
Eastcliff
Eastcote and East Ruislip
Eastcott
Eastcotts
Easterhouse
Eastern Rother
Eastfield
Eastfield
Eastfield
Eastgate
Eastham
Easthouses/Mayfield North
Eastington and Standish
Eastlands
Eastleigh Central
Eastleigh North
Eastleigh South
Eastmoor
Eastney and Craneswater
Easton
Easton
Easton

Easton-in-Gordano
Eastrop
Eastry
Eastville
Eastwood North and Greasley (Beauvale)
Eastwood Park
Eastwood South
Eaton
Eaton Bray
Eaton Manor
Ebble
Ebbw Vale North
Ebbw Vale South
Ebchester and Medomsley
Ebrington
Eccles
Ecclesall
Eccleshall
Eccleshill
Eccleston
Eccleston and Mawdesley
Echt
Eckington
Eckington North
Eckington South
Ecton Brook
Eden
Eden
Eden Hill
Edenbridge North and East
Edenbridge South and West
Edenderry
Edenderry
Edenthorpe, Kirk Sandall and Barnby Dun
Edgbaston
Edgcumbe North
Edgcumbe South
Edgeley and Cheadle Heath
Edgmond
Edgware
Edgware
Edisford and Low Moor
Edlesborough
Edlington and Warmsworth
Edmondsley and Waldridge
Edmonton Green
Edwalton Village
Edward
Edwinstowe
Efail-newydd/Buan

Efenechtyd
Effingham
Efford and Lipson
Eggborough
Egguckland
Eggleston
Eggwood
Egham Hythe
Egham Town
Eglinton
Eglinton and Lawthorn
Eglwysbach
Egremont North
Egremont South
Eirias
Elderslie
Elgin - Bishopmill East
Elgin - Bishopmill West
Elgin - Cathedral
Elgin - Central West
Elham and Stelling Minnis
Elie, St Monans and Pittenweem
Elizabeth
Ellacombe
Elland
Ellel
Ellen
Ellenborough
Ellesmere and Welshampton
Elli
Ellington
Ellington
Ellis
Ellon Town
Elm and Christchurch
Elm Park
Elmbridge
Elmdon
Elmhurst and Watermead
Elmley Castle and Somerville
Elmswell and Norton
Elmton-with-Creswell
Elrick
Elsenham and Henham
Elson
Elstead and Thursley
Elstree
Elswick
Elswick and Little Eccleston
Eltham North

Eltham South
Eltham West
Elthorne
Elton
Elton
Elton and Folksworth
Elvet
Elwick
Ely
Ely East
Ely North
Ely South
Ely West
Embleton
Embsay-with-Eastby
Emerson Park
Emerson Valley
Emmbrook
Emneth with Outwell
Empress
Emsworth
Enagh
Enagh
Endlebury
Enfield Highway
Enfield Lock
Englefield Green East
Englefield Green West
Englesea
Enler
Ennerdale
Eochar
Epping Hemnall
Epping Lindsey and Thornwood Common
Ercall
Ercall Magna
Erddig
Erdington
Eriswell and The Rows
Erith
Erme Valley
Ermin
Ermine
Ermine
Erne
Erpingham
Erskine Central
Erskine S.E. and Inchinnan
Erskine West
Esclusham

Escomb
Esh
Esher
Esk Valley
Essington
Eston
Etching Hill and The Heath
Ethandune
Etherley
Eton and Castle
Eton Park
Eton Wick
Ettingshall
Ettington
Etwall
Euxton North
Euxton South
Evelyn
Evendons
Evenwood, Ramshaw and Lands
Eversley
Everton
Everton
Evesham North
Evesham South
Evie, Rendall, Rousay, Egilsay and Wyre
Evington
Ewanrigg
Ewell
Ewell Court
Ewhurst
Ewhurst and Sedlescombe
Ewloe
Ewood
Exbourne
Exe Valley
Exhall
Exmoor
Exmouth Brixington
Exmouth Halsdon
Exmouth Littleham
Exmouth Town
Exmouth Withycombe Raleigh
Exning
Exton
Exwick
Eye
Eye and Thorney
Eyemouth and District North
Eyemouth and District South

Eynesford
Eynsford
Eynsford
Eynsham and Cassington
Eyres Monsell
Eythorne and Shepherdsweil
Facit and Shawforth
Faenor
Faifley
Failsworth East
Failsworth West
Fair Green
Fair Oak and Horton Heath
Fairburn with Brotherton
Fairestone
Fairfield
Fairfield
Fairfield
Fairfield
Fairfield and Howley
Fairford
Fairhaven
Fairhill
Fairlee
Fairlop
Fairmilehead
Fairmuir
Fairstead
Fairwater
Fairwater
Fairwood
Fairy Water
Falconwood and Welling
Falkland
Falkland, Freuchie and Strathmiglo
Fallings Park
Fallowfield
Falls
Falls Park
Fallside
Falsgrave Park
Fant
Faraday
Fareham East
Fareham North
Fareham North-West
Fareham South
Fareham West
Faringdon and The Coxwells
Farington East



Farington West
Farley
Farlingaye
Farnborough
Farmhill and Paganhill
Farnborough and Crofton
Farndon
Farndon
Farnham
Farnham Bourne
Farnham Castle
Farnham Firgrove
Farnham Hale and Heath End
Farnham Moor Park
Farnham Royal
Farnham Shortheath and Boundstone
Farnham Upper Hale
Farnham Weybourne and Badshot Lea
Farnham Wrecclesham and Rowledge
Farningham, Horton Kirby and South Darent
Farnley and Wortley
Farnsfield
Farnworth
Farnworth
Farranshane
Farringdon Within
Farringdon Without
Fathom
Fauldhouse
Faverdale
Fawdon
Fawkham and West Kingsdown
Fawley, Blackfield and Langley
Fazakerley
Fazeley
Featherstone
Featherstone and Shareshill
Feeny
Felbridge
Felindre
Felin-fâch
Felinfoel
Felixstowe East
Felixstowe North
Felixstowe South
Felixstowe South East
Felixstowe West
Fellgate and Hedworth
Felling
Felpham East

Felpham West
Felsted
Feltham North
Feltham West
Fenham
Feniton and Buckerell
Fenny Compton
Fens
Fenside
Fenstanton
Fenton
Feock and Kea
Ferguslie
Ferindonald
Ferndale
Ferndale
Ferndown Central
Ferndown Links
Fernhill
Fernhill
Fernhill
Fernhurst
Fernhurst
Ferring
Ferry
Ferryhill
Fetcham East
Fetcham West
Ffynnongroyw
Fieldway
Fife - Keith and Strathisla
Filey
Fillongley
Filton
Filwood
Finaghy
Finchampstead North
Finchampstead South
Finchley Church End
Finderne
Findon
Finedon
Fineshade
Finn
Finningley
Finsbury Park
Fintona
Firhill
Firrhill
Firth and Sunnybrae

Firth Park
Fishbourne
Fishburn and Old Trimdon
Fishergate
Fisherton and Bemerton Village
Fishguard North East
Fishguard North West
Fishtoft
Fishwick
Fiskerton
Five Village
Fivemiletown
Flackwell Heath and Little Marlow
Fladbury
Flamstead End
Fleckney
Fleet
Fleet Central
Fleet Courtmoor
Fleet North
Fleet Pondtail
Fleet West
Fleggburgh
Fletton
Flimby
Flint Castle
Flint Coleshill
Flint Oakenholt
Flint Trelawny
Flitton, Greenfield and Pulloxhill
Flitwick East
Flitwick West
Flixton
Flodden
Flore
Florence Court and Kinawley
Foggy Furze
Foleshill
Folkestone Cheriton
Folkestone East
Folkestone Foord
Folkestone Harbour
Folkestone Harvey Central
Folkestone Harvey West
Folkestone Morehall
Folkestone Park
Folkestone Sandgate
Fonthill and Nadder
Forches and Whiddon Valley
Ford

Ford
Forden
Fordham and Stour
Fordham Villages
Fordingbridge
Forebridge
Forest
Forest
Forest
Forest
Forest
Forest
Forest
Forest
Forest
Forest Bradgate
Forest Gate North
Forest Gate South
Forest Hill
Forest Hill and Holton
Forest North West
Forest Row
Forest Town East
Forest Town West
Forfar Central
Forfar East
Forfar South
Forfar West
Forgewood
Forkhill
Forncett
Fornham
Forres Central
Forres East
Forres West and Altyre
Forsbrook
Fort
Fort William North
Fort William South
Forth
Forthside
Fortis Green
Forton
Fortune Green
Fortwilliam
Fosse
Fosse
Fosseridge
Foulness and Great Wakering
Foulridge
Fountain Hill

Fountainbridge
Four Marks and Medstead
Fowey and Tywardreath
Fowlmere and Foxton
Foxbar
Foxborough
Foxhills
Foyle Springs
Framfield
Framlingham
Frampton and Holme
Frampton Cotterell
Framwellgate Moor
Franche
Frant/Withyham
Fraserburgh East
Fraserburgh North
Fraserburgh South
Fraserburgh West
Fratton
Freckleton East
Freckleton West
Freeland and Hanborough
Freemantle
Freemen
Fremington
Frensham, Dockenfield and Tilford
Freshbrook and Grange Park
Freshney
Freshwater Afton
Freshwater Norton
Fressingfield
Friar Park
Friary and St Nicolas
Frimley
Frimley Green
Fringford
Frinton
Frisby-on-the-Wreake
Frithville
Frittenden and Sissinghurst
Frizington
Frodingham
Frodsham North
Frodsham South
Frogmore and Darby Green
Frognaal and Fitzjohns
Frome
Frome Berkley Down
Frome Fromefield

Frome Keyford
Frome Park
Frome Vale
Frome Valley
Frome Welshmill
Froxfield and Steep
Fryent
Fryerns
Fulbourn
Fulford
Fulford
Fulham Broadway
Fulham Reach
Fullwell
Fulshaw
Fulwell
Fulwell and Hampton Hill
Fulwood
Funtington
Furlongs
Furnace Green
Furze Platt
Furzedown
Furzedown and Hardley
Furzton
Fylingdales
Fyvie-Methlick
Gabalfa
Gaddesby
Gadebridge
Gaer
Gainford and Winston
Gainsborough
Gainsborough East
Gainsborough North
Gainsborough South-West
Gairloch
Gairn
Gaisford
Galawater and Lauderdale
Galgorm
Galley Common
Galleywood
Gallowhill and Whitehaugh
Galston East
Galwally
Gamesley
Gamlingay
Gamrie-King Edward
Gamston

Gannel
Gannow
Garden Suburb
Garden Village
Gardenmore
Garelochhead and Cove
Garforth and Swillington
Gargrave and Malhamdale
Garlinge
Garnant
Garnock East
Garrion
Garrison
Garrowhill
Garsington
Garstang
Gartcraig
Garth
Garthamlock
Garthdee
Gartmorn
Garvagh
Garvock and Carnegie
Gascoigne
Gatacre
Gatehouse
Gaunt
Gawsworth
Gawthorpe
Gayton
Gaywood Chase
Gaywood North Bank
Gedling
Gedney
Gele
Gensing
Georgeham and Morteheo
Georgetown
Georgetown
Gerlan
Gerrards Cross East and Denham South West
Gerrards Cross North
Gerrards Cross South
Gibbonsdown
Giffnock North
Giffnock South
Gilcomston
Gilfach
Gilfach Goch
Gilford

Gilling West
Gillingham
Gillingham North
Gillingham South
Gillingham Town
Gilmerton
Gilnahirk
Gipping
Gipsy Hill
Gipton and Harehills
Girton
Girvan Ailsa
Girvan Glendoune
Gisburn, Rimington
Gislingham
Glack
Glanamman
Glantwymyn
Glanymor
Glasbury
Glascote
Glaven Valley
Glazeley
Gleadless Valley
Glebe
Glebe
Glebe
Glebe
Glebe Park, Pathhead and Sinclairtown
Glemsford and Stanstead
Glen
Glen
Glen Eden
Glen Road
Glenaan
Glenariff
Glenarm
Glenavy
Glenburn North
Glenburn South
Glencairn
Glencoe
Glencolin
Glenderg
Glendun
Glengormley
Glenlivet
Glenravel
Glenshesk
Glentaisie



Glenwhirry
Glenwood
Glinton and Wittering
Glusburn
Glyder
Glyn
Glyn
Glyncoch
Glyncorrwg
Glyndon
Glynn
Glynneath
Gnosall and Woodseaves
Goat Hall
Goathill
Gobowen
Godalming Binscombe
Godalming Central and Ockford
Godalming Charterhouse
Godalming Farncombe and Catteshall
Godalming Holloway
Godinton
Godmanchester
Godstone
Goetre Fawr
Goffs Oak
Gogarth
Golborne
Golborne and Lowton West
Golcar
Gold Hill
Golden Cross with Weobley
Golden Hill
Golden Valley North
Golden Valley South
Golders Green
Goldington
Goldsithney
Goldsmid
Goldsworth East
Goldsworth West
Golf Green
Golspie and Rogart
Goodmayes
Goodrington-with-Roselands
Goodshaw
Goodwick
Goole North
Goole South
Gooshays

Gordano
Gorebridge South
Goresbrook
Goring
Goring
Gorleston
Gornal
Gorrell
Gorse Hill
Gorse Hill
Gorse Hill and Pinehurst
Gorseinon
Gorslas
Gortalee
Gortalowry
Gortin
Gorton North
Gorton South
Gortrush
Gosberton Village
Gosfield and Greenstead Green
Gosforth
Gosforth Valley
Gospel Oak
Gossops Green
Gotham
Goudhurst and Lamberhurst
Govan
Govanhill
Gover
Gower
Gower
Gowerton
Grade-Ruan and Landewednack
Grafton
Grahamsford
Graig
Graig
Graiseley
Granby
Grange
Grange
Grange
Grange
Grange
Grange
Grange
Grange
Grange
Grange
Grange
Grange

Grange
Grange
Grange
Grange and Blackness
Grange Farm
Grange Hill
Grange Villa and West Pelton
Grange/Howard
Grangefield
Grangetown
Grangetown
Gransden and The Offords
Gransha
Granton
Grantown on Spey
Grappenhall and Thelwall
Grassington
Grassmoor
Graveley & Wymondley
Graveney
Graveney
Graves Park
Grays Riverside
Grays Thurrock
Grayshott
Greasby, Frankby and Irby
Greasley (Giltbrook and Newthorpe)
Great Amwell
Great and Little Oakley
Great Ayton
Great Baddow East
Great Baddow West
Great Barford
Great Barr with Yew Tree
Great Barton
Great Bentley
Great Brickhill
Great Bridge
Great Chart with Singleton North
Great Corby and Geltsdale
Great Cornard North
Great Cornard South
Great Doddington and Wilby
Great Dunmow North
Great Dunmow South
Great Ecclestone
Great Hampton
Great Heath
Great Hollands North
Great Hollands South

Great Horton
Great Horwood
Great Lever
Great Milton
Great Missenden
Great North Road
Great Notley and Braintree West
Great Parndon
Great Sankey North
Great Sankey South
Great Tey
Great Totham
Great Witchingham
Great Wyrley Landywood
Great Wyrley Town
Greater Hughenden
Greater Marlow
Greatham
Green Hill
Green Lane
Green Street East
Green Street West
Greenbank
Greendown
Greenfarm
Greenfield
Greenfield
Greenfield
Greenfield Middridge
Greenford Broadway
Greenford Green
Greenham
Greenhead
Greenhill
Greenhill
Greenhill
Greenhill and Eddington
Greenhills
Greenhithe
Greenisland
Greenlands
Greenlands
Greenmeadow
Greensclough
Greenwich West
Greetham
Greetland and Stainland
Greets Green and Lyng
Gregstown
Grendon Underwood

Grenville
Gresford East and West
Gresham
Gress
Gresteel
Greta
Greyfriars
Greyfriars
Greystoke
Greystone
Greystone
Grimoldby
Grimston
Groby
Groeslon
Grofield
Gronant
Groomsport
Grosvenor
Grosvenor
Grove
Grove
Grove
Grove
Grove Green
Grove Hill
Grove Park
Grovebury
Groves
Grumbolds Ash
Grundisburgh
Guide Post
Guildhall
Guilsfield
Guisborough
Guiseley and Rawdon
Gulladuff
Gulval and Heamoor
Gunton and Corton
Gurnard
Gurnos
Gwaun-Cae-Gurwen
Gwenfro
Gwernaffield
Gwernyfed
Gwernymynydd
Gwersyllt East and South
Gwersyllt North
Gwersyllt West
Gwinear, Gwithian and Hayle East

Gwynfi
Gwyngyll
Gyle
Habberley and Blakebrook
Hacheston
Hackney Central
Hackney Downs
Hacton
Haddenham
Haddenham
Haddington Central
Haddington East/Athelstaneford
Haddington West/Saltoun
Hadfield North
Hadfield South
Hadleigh North
Hadleigh South
Hadley and Leegomery
Hadlow, Mereworth and West Peckham
Hadrian
Hagbourne
Haggard de Toni
Haggerston
Hagley
Hagley
Hagley
Hailey, Minster Lovell and Leafield
Hailsham Central and North
Hailsham East
Hailsham South and West
Hainault
Hairmyres/Crosshouse
Halbeath, Hill of Beath and Kingseat
Halberton
Haldane/Kilmarnock/Jamestown
Haldens
Hale
Hale
Hale Barns
Hale Central
Hale End and Highams Park
Halesowen North
Halesowen South
Halesworth
Halewood North
Halewood South
Halewood West
Halkyn
Hall Glen
Hall Green

Hallam Fields
Halliford and Sunbury West
Halliwell
Hallow
Hallside
Halmerend
Halsall
Halstead Trinity
Halstead, Knockholt and Badgers Mount
Halstock
Halton Brook
Halton Hologate
Halton Lea
Halton View
Halton-with-Aughton
Haltwhistle
Ham
Ham
Ham, Petersham and Richmond Riverside
Hambleden Valley
Hamble-le-Rice and Butlocks Heath
Hambleton
Hambleton and Stalmine-with-Staynall
Hamdon
Hamford
Hamilton Centre North
Hamilton Centre/Ferniegair
Hamiltonsbawn
Hammersmith Broadway
Hammerwich
Hampden Park
Hamps Valley
Hampstead Town
Hampton
Hampton
Hampton Court
Hampton North
Hampton Wick
Hamsterley and South Bedburn
Hamworthy East
Hamworthy West
Handforth
Handley Vale
Handside
Handsworth Wood
Hanger Hill
Hangleton and Knoll
Hanham
Hanley West and Shelton
Hanneys

Hanover and Elm Grove
Hans Town
Hanslope Park
Hanwood and Longden
Hanworth
Hanworth
Hanworth Park
Happisburgh
Hapton with Park
Harbledown
Harborne
Harbottle and Elsdon
Harbour
Harbour
Harbour
Harbour
Harbour
Harbour
Harbour
Harbour
Harbour and Bressay
Harbury
Hardgate
Hardhorn
Hardway
Hardwick
Hardwick
Hardwicke
Harefield
Harefield
Hareholme
Harestone
Harewood
Harewood
Harington
Harlech
Harlescott
Harlesden
Harleston
Harling and Heathlands
Harlington
Harlow Common
Harlow Moor
Harmans Water
Harmony Hill
Harnham East
Harnham West
Harold Wood
Harpenden East



Harpenden North
Harpenden South
Harpenden West
Harper Green
Harpole
Harpur
Harpurhey
Harraby
Harray and Stenness
Harrietsham and Lenham
Harringay
Harrington
Harrington
Harris East
Harris West
Harrold
Harrow on the Hill
Harrow Road
Harrow Weald
Harroway
Harrowby
Harrowgate Hill
Harryville
Harston and Hauxton
Hart
Hart Plain
Hartburn
Hartburn
Hartcliffe
Hartfield
Hartford & Whitegate
Harting
Hartington and Taddington
Hartland and Bradworthy
Hartlebury
Hartley
Hartley and Hodsohl Street
Hartley Wintney
Hartlip, Newington and Upchurch
Harton
Hartpury
Hartshill
Hartshill and Penkhull
Hartsholme
Hartshorne and Ticknall
Hartside
Harvington and Norton
Harwell
Harwich East
Harwich East Central

Harwich West
Harwich West Central
Harworth
Haselbury
Hasland
Haslemere Critchmere and Shottermill
Haslemere East and Grayswood
Haslingfield and The Eversdens
Haslington
Hassocks
Hastingwood, Matching and Sheering Village
Haswell and Shotton
Hatch End
Hatch Lane
Hatch Warren and Beggarwood
Hateley Heath
Hatfield
Hatfield Central
Hatfield East
Hatfield Heath
Hatfield North
Hatfield Peverel
Hatfield South
Hatfield West
Hatherleigh
Hathersage and Eyam
Hatton
Hatton, Stretton and Walton
Hattonrig
Haughley and Wetherden
Haughmond and Attingham
Haughton East
Haughton North
Haughton West
Havannah
Haven
Haverfordwest: Castle
Haverfordwest: Garth
Haverfordwest: Portfield
Haverfordwest: Prendergast
Haverfordwest: Priory
Haverhill East
Haverhill North
Haverhill South
Haverhill West
Haverigg
Havering Park
Haverstock
Haverstoe
Hawarden

Hawcoat
Hawes and High Abbotside
Hawes Side
Hawkedon
Hawkhurst and Sandhurst
Hawks Green
Hawkshead
Hawkwell North
Hawkwell South
Hawkwell West
Hawthorn
Hawthorne
Haxby and Wigginton
Hay
Hayburn
Haydock
Haydon
Haydon
Haydon Wick
Hayes and Coney Hall
Hayfield
Hayfield and Balsusney
Haygate
Hayle North
Hayle South
Hayley Green and Cradley South
Hayling
Hayling East
Hayling West
Haymill
Hayshead and Lunan
Hayton
Haytor
Haywards Heath Ashenground
Haywards Heath Bentswood
Haywards Heath Franklands
Haywards Heath Heath
Haywards Heath Lucastes
Haywood and Hixon
Hazel Grove
Hazelwood
Hazlehead
Hazlemere North
Hazlemere South
Heacham
Headcorn
Headhouse
Headingley
Headington
Headington Hill and Northway

Headlands
Headless Cross and Oakenshaw
Headley
Headstone North
Headstone South
Heage and Ambergate
Heald Green
Healey
Healey and Whitworth
Heanor and Loscoe
Heanor East
Heanor West
Heanton Punchardon
Heath
Heath
Heath
Heath
Heath
Heath
Heath
Heath and Reach
Heath Charnock and Rivington
Heath Hayes East and Wimblebury
Heath Town
Heatherside
Heatheryknowe
Heathfield
Heathfield
Heathfield East
Heathfield North and Central
Heathhall
Heathrow Villages
Heaton
Heaton
Heaton and Lostock
Heatons North
Heatons South
Heavitree
Hebburn North
Hebburn South
Hebron, Hepscott and Mitford
Heckington Rural
Heckmondwike
Heddon-on-the-Wall
Hedge End Grange Park
Hedge End Wildern
Hedgeley
Hedgerley and Fulmer
Hedingham and Maplestead

Hednesford Green Heath
Hednesford North
Hednesford South
Heene
Heighington and Coniscliffe
Heighington and Washingborough
Heldon and Laich
Helensburgh Central
Helensburgh East
Helensburgh North
Helensburgh West
Hellaby
Hellesdon North West
Hellesdon South East
Hellifield and Long Preston
Hellingly
Helmingham and Coddendam
Helmshore
Helmsley
Helperby
Helsby
Helston North
Helston South
Hemel Hempstead Central
Hemingbrough
Hemlington
Hemmingwell
Hempnall
Hempstead and Wigmore
Hemswell
Hemsworth
Henbury
Henbury
Hendon
Hendon
Hendre
Hendre
Hendreds
Hendy
Heneage
Henfield
Hengoed
Hengoed
Hengrove
Henknowle
Henleaze
Henley
Henley
Henley North
Henley South

Hensingham
Herbertshire
Hermitage
Hermitage
Hermitage
Hermitage and Knaphill South
Herne and Broomfield
Herne Hill
Heron
Heron Wood
Herongate, Ingrave and West Horndon
Hersham North
Hersham South
Herstmonceux
Hertford
Hertford Bengoe
Hertford Castle
Hertford Heath
Hertford Kingsmead
Hertford Rural North
Hertford Rural South
Hertford Sele
Hesket
Hesketh-with-Becconsall
Heslington
Hessle
Hesters Way
Heston Central
Heston East
Heston West
Heswall
Hethersett
Hetton
Hevingham
Hewelsfield and Woolaston
Heworth
Heworth Without
Hexham Gilesgate
Hexham Hencotes
Hexham Leazes
Hexham Priestpople
Hextable
Heybridge East
Heybridge West
Heyford
Heyhouses
Heysham Central
Heysham North
Heysham South
High Barnet

High Blantyre
High Cross
High Fell
High Harrogate
High Heath
High Legh
High Littleton
High Ongar, Willingale and The Rodings
High Street
High Street
High Town
High Weald
Higham
Higham
Higham and Pendleside
Higham Ferrers
Higham Hill
Highbridge
Highbury East
Highbury West
Highclere and Bourne
Highcliffe
Higher Blackley
Higher Croft
Higher Kinnerton
Highfield
Highfield
Highfield
Highfield
Highfield & St Pauls
Highfields and Western Downs
Highgate
Highgate
Highland
Highlands
Highley
Highnam with Haw Bridge
Hightown
Highwoods
Highworth
Hilden
Hildenborough
Hilgay with Denver
Hill
Hill
Hill Forts
Hill Head
Hillcrest
Hillfields
Hillfoot

Hillhall	
Hillhead	
Hillhead and Broomhill	
Hillhouse	
Hillingdon East	
Hillmorton	
Hillrise	
Hillsborough	
Hillsborough	
Hillside	
Hillside	
Hillside	
Hillside	
Hillside	
Hillsides	
Hilltop and Townsend	
Hilltown	
Hillyland	
Hilmarton	
Hilsea	
Hiltingbury East	
Hiltingbury West	
Hilton	
Hilton	
Hilton	
Himley and Swindon	
Hinchley Wood	
Hinckley Castle	
Hinckley Clarendon	
Hinckley De Montfort	
Hinckley Trinity	
Hindhead	
Hindley	
Hindley Green	
Hindpool	
Hingham and Deopham	
Hinksey Park	
Hinstock	
Hipperholme and Lightcliffe	
Hipswell	
Hirael	
Hirst	
Hirwaun	
Histon and Impington	
Hitchin Bearton	
Hitchin Highbury	
Hitchin Oughton	
Hitchin Priory	
Hitchin Walsworth	
Hitchwood	



Hobbayne
Hockley
Hockley Central
Hockley North
Hockley West
Hoddesdon North
Hoddesdon Town
Hoddom and Kinmount
Hodge Hill
Hodnet
Hoe Street
Holbeach Hurn
Holbeach Town
Holborn and Covent Garden
Holborn Hill
Holbrook
Holbrook
Holbrook East
Holbrook West
Holbury and North Blackfield
Holderness
Holderness
Holditch
Holgate
Holker
Holland
Holland and Kirby
Hollesley with Eyke
Hollingbury and Stanmer
Hollington
Hollington
Hollingwood and Inkersall
Hollinwood
Holloway
Holly Mount
Hollybush
Hollywood and Majors Green
Holm and Burray
Holmcroft
Holme
Holme Valley North
Holme Valley South
Holmebrook
Holmer Green
Holmes Chapel
Holmewood and Heath
Holmwoods
Holsworthy
Holt
Holt

Holt
Holt
Holton le Clay
Holy Loch
Holy Trinity
Holybourne and Froyle
Holyhead Town
Holyrood
Holyrood
Holytown
Holywell
Holywell
Holywell
Holywell Central
Holywell East
Holywell West
Holywells
Hollywood Demesne
Hollywood Priory
Homelands
Honeybourne and Pebworth
Honicknowle
Hoo
Hoober
Hook
Hook Norton
Hookstone
Hoole All Saints
Hoole Groves
Hope
Hope End
Hope Valley
Hopefield
Hopwood Hall
Horam
Horbury and South Ossett
Horden North
Horden South
Hordle
Hordley, Tetchill and Lyneal
Horfield
Horley Central
Horley East
Horley West
Hornby Castle
Horncastle
Horndean Catherington and Lovedean
Horndean Downs
Horndean Hazleton and Blendworth
Horndean Kings

Horndean Murray
Horninglow
Hornsey
Horringer and Whelnetham
Horsehay and Lightmoor
Horsell East and Woodham
Horsell West
Horsfield
Horsford and Felthorpe
Horsforth
Horsham Park
Horsley Hill
Horton
Horton and Wraysbury
Horwich and Blackrod
Horwich North East
Hotham
Hough
Hough Green
Houghton
Houghton Hall
Houghton, Haynes, Southill and Old Warden
Hounslow Central
Hounslow Heath
Hounslow South
Hounslow West
Houston and Langbank
Houstoun
Hoveton
Hovingham
Howard Town
Howden
Howden
Howden
Howdenshire
Howdon
Howick and Priory
Howlands
Howletch
Hoxne
Hoxton
Hoyle and Meols
Hoyland Milton
Huby and Sutton
Hucclecote
Hucclecote
Hucknall Central
Hucknall East
Hucknall North
Hucknall West

Hugglescote
Hull Road
Hulland
Hullbridge
Hulme
Hulton
Humberston and New Waltham
Humberstone and Hamilton
Hummersknott
Humshaugh and Wall
Huncoat
Hundleby
Hundleton
Hundon
Hungerford
Hunsdon
Hunstanton
Huntingdon East
Huntingdon North
Huntingdon West
Huntington
Huntington and Hatherton
Huntington and New Earswick
Huntly East
Huntly West
Huntspill and Pawlett
Hunwick
Hurley and Walthams
Hurley and Wood End
Hurlford
Hurst
Hurstpierpoint and Downs
Hurworth
Hutchesontown
Hutton
Hutton and Locking
Hutton Central
Hutton East
Hutton Henry
Hutton North
Hutton South
Hyde Godley
Hyde Newton
Hyde Park
Hyde Park and Woodhouse
Hyde Werneth
Hylands
Hyndland
Hythe Central
Hythe East

Hythe West
Hythe West and Langdown
Ibrox
Ibstock and Heather
Iceni
Ickenham
Icknield
Icknield
Icknield
Idle and Thackley
Iffley Fields
Ifield
Ightham
Ilfracombe Central
Ilfracombe East
Ilfracombe West
Ilkeston Central
Ilkeston North
Ilkley
Illingworth and Mixenden
Illogan North
Illogan South
Illyd
Ilminster
Immanuel
Immingham
Ince
Inchyra
Ingatestone, Fryerning and Mountnessing
Ingleby Barwick East
Ingleby Barwick West
Ingleton
Ingleton and Clapham
Ingol
Ingoldmells
Ings
Ingthorpe
Inkberrow
Innerleithen and Walkerburn
Innes
Innsworth with Down Hatherley
Insch
Inshes
Instow
Inverbervie, Gourdon and Johnshaven
Invergordon
Inverkeithing East and North Queensferry
Inverkeithing West and Rosyth South
Inverness Central
Inverness West

Inverurie Central
Inverurie North
Inverurie South and Port Elphinstone
Ipplepen
Ipstones
Irchester
Irlam
Ironbridge Gorge
Ironville and Riddings
Irthing
Irthlingborough
Irvine Landward
Irvine North
Irvine Townhead
Irvine Vineburgh and Woodlands South
Irvine West
Irvinestown
Irwell
Irwell Riverside
Isaac Newton
Isabella
Isbourne
Island
Island Magee
Islandshire
Islay North, Jura and Colonsay
Islay South
Isle of Oxney
Isleham
Isle Moor
Isleworth
Istead Rise
Itchen Valley
Itchingfield, Slinfold and Warnham
Ivelchester
Iver Heath
Iver Village and Richings Park
Ivybridge Central
Ivybridge Filham
Ivybridge Woodlands
Iwade and Lower Halstow
Ixworth
Jacksdale
Jedburgh and District East
Jedburgh and District West
Jericho and Osney
Jesmond
Johnston
Johnstone Castle
Johnstone Central

Johnstone Cochranemill
Johnstone West
Johnstown
Jordanhill
Jordanstown
Joyce Green
Joydens Wood
Jubilee
Jubilee
Judd
Jumpers
Junction
Kader
Kaimes
Katesbridge
Katesgrove
Keady
Kearsley
Kedermister
Kedington
Keele
Kegworth and Whatton
Keighley Central
Keighley East
Keighley West
Keith
Kellet
Kells
Kells
Kelsall
Kelsey
Kelsey and Eden Park
Kelso and District North
Kelso and District South
Kelso Central
Kelty
Kelvedon
Kelvindale
Kelvingrove
Kemnay
Kemp Valley
Kempsey
Kempsford-Lechlade
Kempshott
Kempston East
Kempston North
Kempston South
Kemsing
Kemsley
Kendal Castle

Kendal Far Cross
Kendal Fell
Kendal Glebelands
Kendal Heron Hill
Kendal Highgate
Kendal Kirkland
Kendal Mintsfeet
Kendal Nether
Kendal Oxenholme
Kendal Parks
Kendal Stonecross
Kendal Strickland
Kendal Underley
Kenley
Kenmure and Baldernock
Kenn Valley
Kennington
Kennington and South Hinksey
Kennoway
Kensal Green
Kensington and Fairfield
Kensworth and Totternhoe
Kentish Town
Kenton
Kenton
Kenton East
Kenton West
Kenton with Starcross
Kentwood
Kenwith
Kenwyn and Chacewater
Keppel
Keppochhill
Keptie
Kernan
Kerne Bridge
Kerry
Kersal
Kerswell-with-Combe
Kesgrave East
Kesgrave West
Kesh, Ederney and Lack
Kessingland
Kessington
Keswick
Ketley and Oakengates
Kettle, Springfield and Ceres
Ketton
Kew
Kew



Kewhurst
Kewstoke
Keynsham East
Keynsham North
Keynsham South
Keystone
Keyworth North
Keyworth South
Kibworth
Kidbrooke with Hornfair
Kidlington North
Kidlington South
Kidsgrove
Kidwelly
Kilbarchan
Kilbirnie North
Kilbirnie South
Kilbowie
Kilbowie West
Kilburn
Kilburn
Kilburn, Denby and Holbrook
Kildrum and Park
Kilfennan
Kilgetty/Begelly
Kilkeel Central
Kilkeel South
Killamarsh East
Killamarsh West
Killay North
Killay South
Killeen
Killinchy
Killingbeck and Seacroft
Killinghall
Killingworth
Killisick
Killoquin Lower
Killoquin Upper
Killough
Killyclogher
Killycolpy
Killycomain
Killycrot
Killylea
Killyleagh
Killyman
Killymeal
Killymoon
Kilmallie and Invergarry

Kilmarnock Central East
Kilmarnock Central South
Kilmarnock Central West
Kilmaurs and Stewarton South
Kilmore
Kilnhouse
Kilnknowe and Clovenfords
Kilrea
Kilwaughter
Kilwee
Kilwinning East
Kilwinning South
Kilwinning West
Kimbleworth and Plawsworth
Kimbolton and Staughton
Kimpton
Kinbane
Kincardine, Culross and Low Valleyfield
Kinclaven and Clunie
Kincorth West
Kinellar and Westhill North
Kineton
Kingfield and Westfield
Kingham, Rollright and Enstone
Kinghorn and Inveriel
Kinglassie, Bowhill and Dundonald
Kings Chase
Kings Hill
Kings Langley
Kings Norton
Kings Park
Kings Somborne and Michelmersh
Kings Sutton
Kings Worthy
Kingsbridge
Kingsbridge East
Kingsbridge North
Kingsbrook
Kingsbury
Kingsclere
Kingsfield
Kingsfold
Kingsgate
Kingsholm and Wotton
Kingshurst and Fordbridge
Kingsland
Kingsley
Kingsley
Kingsmead
Kingsmoor

Kingstanding
Kingsteignton East
Kingsteignton West
Kingsthorpe
Kingston
Kingston
Kingston Bagpuize with Southmoor
Kingstone
Kingsway
Kingsway
Kingsway with Lincoln Gardens
Kingswell
Kingsweston
Kingswinford North and Wall Heath
Kingswinford South
Kingswood
Kingswood
Kingswood
Kingswood with Burgh Heath
Kingthorn
Kington Langley
Kington St. Michael
Kington Town
Kinlochshiel
Kinmel Bay
Kinnaird
Kinneil and Whitecross
Kinnerley
Kinross Town
Kinross-shire
Kinson North
Kinson South
Kintbury
Kintore and Keithhall
Kinver
Kinwarton
Kippax and Methley
Kircubbin
Kirk Hallam
Kirkburton
Kirkby Central
Kirkby in Ashfield Central
Kirkby in Ashfield East
Kirkby in Ashfield West
Kirkby Lonsdale
Kirkby Malzeard
Kirkby Stephen
Kirkby Thore
Kirkbymoorside
Kirkconnel

Kirkcudbright - Bengairn	
Kirkcudbright - Tarff	
Kirkdale	
Kirkgate	
Kirkham North	
Kirkham South	
Kirkhill	
Kirkhill	
Kirkhill/Whitlawburn	
Kirkintilloch Central	
Kirkleatham	
Kirkley	
Kirkoswald	
Kirkshaws	
Kirkstall	
Kirkton	
Kirkwood	
Kirriemuir East	
Kirriemuir West	
Kirtlington	
Kirton	
Kitty Brewster	
Kittybrewster	
Knapdale	
Knaphill	
Knaresborough East	
Knaresborough King James	
Knaresborough Scriven Park	
Knebworth	
Knellwood	
Knighton	
Knighton	
Knightsbridge and Belgravia	
Knightsridge	
Knightswood Park	
Knightswood South	
Knock	
Knock and Bayble	
Knockagh	
Knockaholet	
Knockbain and Killearnan	
Knockbracken	
Knockcloghrim	
Knocklayd	
Knocklynn	
Knockmore	
Knocknashane	
Knoll	
Knottingley	
Knotty Ash	

Knowetop
Knowle
Knowle
Knowle
Knowsley
Knoyle
Knutsford Bexton
Knutsford Nether
Knutsford Norbury Booths
Knutsford Over
Knutton and Silverdale
Kursaal
Kyle and Sleat
Kyme
Kyson
Lacey Green
Lacey Green, Speen and the Hampdens
Lache Park
Lacock with Neston and Gastard
Ladden Brook
Ladgate
Lady Bay
Lady Margaret
Ladybrook
Ladybrook
Ladywell
Ladywell
Ladywell
Ladywood
Lagan Valley
Laindon Park
Lake North
Lake South
Lakenham
Lakenheath
Lakes Ambleside
Lakes Grasmere
Laleham and Shepperton Green
Lambeg
Lambley
Lambourn Valley
Lambourne
Lambridge
Lamesley
Lampeter
Lampeter Velfrey
Lamphey
Lanark North
Lanark South
Lancaster Gate

Lancaster North
Lancaster South
Lanchester
Landkey, Swimbridge and Taw
Landore
Landrake and St Dominick
Lanehead
Langbourn
Langdon Hills
Langford and Henlow Village
Langham
Langho
Langholm and Upper Eskdale
Langley
Langley Green
Langley Mill and Aldercar
Langleybury
Langney
Langold
Langport and Huish
Langside
Langstane
Langstone
Langton
Langwathby
Langworthy
Lanivet
Lansdown
Lansdown
Lansdown
Lanteglos and St Veep
Lapworth
Larbert
Larches
Largo
Largs East
Largs North and Skelmorlie
Largs South and Fairlie
Largs West and Cumbrae
Larkfield
Larkfield North
Larkfield South
Larkhall
Larkhall East
Larkhall South
Larkhall West
Larkswood
Lascelles
Latchford East
Latchford West

Latchmere
Lathkill and Bradford
Latimer
Latimer
Lattersey
Laugharne Township
Launceston
Launditch
Launton
Laurelvale
Laurieston
Lavant
Lavender Fields
Lavenham
Laverstock
Lavingtons
Law
Law/Carluke
Lawford
Lawley
Lawley and Overdale
Lawrence
Lawrence Hill
Lawrencetown
Lawton
Laxdale
Layton
Lazonby
Lea
Lea
Lea Bridge
Leabridge
Leadgate
Leagrave
Leake
Leam Valley
Leasingham and Roxholm
Leasowe and Moreton East
Leatherhead North
Leatherhead South
Leavenheath
Leavesden
Leckhampton
Lecumpher
Ledbury
Ledsham
Lee Chapel North
Lee East
Lee Green
Lee West

Leeds
Leek East
Leek North
Leek South
Leek West
Leek Wootton
Leeming
Leeming
Leeming Bar
Leen Valley
Leesland
Leeswood
Leftwich & Kingsmead
Legbourne
Leggatts
Legoniel
Leigh
Leigh and Chiddingstone Causeway
Leigh East
Leigh South
Leigh West
Leighton
Leiston
Leith Hill
Leith Links
Lelant and Carbis Bay
Lemington
Lennox
Lenzie
Leomansley
Leominster North
Leominster South
Leslie and Whinnyknowe
Lesmahagow
Lesnes Abbey
Letchworth East
Letchworth Grange
Letchworth South East
Letchworth South West
Letchworth Wilbury
Letham and Friockheim
Letterston
Leuchars, Balmullo and Guardbridge
Leven East
Leven West and Kirkland
Levens
Levenshulme
Leverstock Green
Lew Valley
Lewes Bridge



Lewes Castle
Lewes Priory
Lewisham Central
Lewsey
Lexden
Leyburn
Leyland Central
Leyland St. Ambrose
Leysdown and Warden
Leyton
Leytonstone
Lhanbryde and Birnie
Liboside
Lickhill
Lightwater
Limbury
Lime Street
Limefield
Limehouse
Limekilns and Pitreavie
Limestone Peak
Limpsfield
Linacre
Linacre
Linburn
Lincluden
Lincrest
Lindfield
Lindford
Lindhead
Lindhurst
Lindley
Lindridge
Lindsay
Linford North
Linford South
Lingfield
Lingfield and Crowhurst
Linhouse
Link
Linktown and Kirkcaldy Central
Linnvale/Drumry
Linslade
Linthorpe
Linthurst
Linton
Linton
Linwood East
Linwood West
Lisanelly

Lisbane
Lisbellaw
Liscard
Liskeard North
Liskeard South
Lisnacree
Lisnagarvy
Lisnagelvin
Lisnarrick
Lisnasharragh
Lisnaskea
Liss
Lissan
Lisvane
Liswerry
Litchard
Litherland
Little Acton
Little Aston
Little Baddow, Danbury and Sandon
Little Brook
Little Burton Farm
Little Chalfont
Little Clacton and Weeley
Little Eaton and Breadsall
Little Hadham
Little Hallam
Little Hampton
Little Harwood
Little Hoole and Much Hoole
Little Horton
Little Hulton
Little Ilford
Little Lever and Darcy Lever
Little Missenden
Little Neston
Little Parndon and Hare Street
Little Paxton
Little Sandhurst and Wellington
Little Stour
Little Stour and Ashstone
Little Thurrock Blackshots
Little Thurrock Rectory
Little Venice
Littleborough Lakeside
Littlebrook
Littlebury
Littledean and Ruspidge
Littledown and Iford
Littlemoor

Littlemoor
Littlemore
Littleover
Littleport East
Littleport West
Littleton and Harestock
Littleworth
Litton and Longstone
Liversedge and Gomersal
Livesey
Livesey with Pleasington
Llanaelhaearn
Llanafanfawr
Llanarmon-yn-Ial/Llandegla
Llanarth
Llanbadarn Fawr
Llanbadarn Fawr - Padarn
Llanbadarn Fawr - Sulien
Llanbadoc
Llanbadrig
Llanbedr
Llanbedr Dyffryn Clwyd/Llangynhafal
Llanbedrgoch
Llanbedrog
Llanberis
Llanboidy
Llanbradach
Llanbrynmair
Llandaff
Llandaff North
Llanddarog
Llandderfel
Llanddulas
Llanddyfnan
Llandeilo
Llandinam
Llandough
Llandovery
Llandow/Ewenny
Llandrillo
Llandrillo yn Rhos
Llandrindod East/Llandrindod West
Llandrindod North
Llandrindod South
Llandrinio
Llandybie
Llandyfriog
Llandyrnog
Llandysilio
Llandysiliogogo

Llandysul Town
Llanegwad
Llaneilian
Llanelly Hill
Llanelwedd
Llanengan
Llanfaethlu
Llanfair Caereinion
Llanfair Dyffryn Clwyd/Gwyddelwern
Llanfair-yn-Neubwll
Llanfarian
Llanfihangel
Llanfihangel Aberbythych
Llanfihangel Ysgeifiog
Llanfihangel Ystrad
Llanfihangel-ar-Arth
Llanfoist Fawr
Llanfyllin
Llanfynydd
Llangadog
Llangarron
Llangattock
Llangeinor
Llangeitho
Llangeler
Llangelynin
Llangennech
Llangernyw
Llangewydd and Brynhyfryd
Llangoed
Llangollen
Llangollen Rural
Llangors
Llangunllo
Llangunnor
Llangwm
Llangybi
Llangybi Fawr
Llangyfelach
Llangyndeyrn
Llangynidr
Llangynwyd
Llanharan
Llanharry
Llanhilleth
Llanidan
Llanidloes
Llanishen
Llanllyfni
Llannerch-y-medd

Llannon
Llanover
Llanrhaeadr-ym-Mochnant
Llanrhaeadr-ym-Mochnant/Llansilin
Llanrhaeadr-yng-Nghinmeirch
Llanrhian
Llanrhystyd
Llanrug
Llanrumney
Llansamlet
Llansanffraid
Llansannan
Llansantffraed
Llansantffraid
Llansteffan
Llantarnam
Llantilio Crossenny
Llantrisant Town
Llantwit Fardre
Llantwit Major
Llanuwchllyn
Llanwenarth Ultra
Llanwenog
Llanwern
Llanwnda
Llanwrtyd Wells
Llanyblodwel and Pant
Llanybydder
Llanyrafon North
Llanyrafon South
Llanyre
Llanystumdwy
Llay
Lledrod
Lliedi
Lloyds
Llwynhendy
Llwyn-y-pia
Llysfaen
Loanhead
Loatland
Lobley Hill and Bensham
Loch Eynort
Loch Ness East
Loch Ness West
Lochar
Lochardil
Lochbroom
Lochcarron
Lochee East

Lochee West
Lochfield
Lochgilphead
Lochmaben
Lochmaddy
Lochs
Lochside
Lochvale
Lochwinnoch and Howwood
Lockerbie and Upper Annandale
Lockleaze
Locks Heath
Lockwood
Lodbourne
Loddon
Loddon
Loders
Lodge
Lodge Park
Lodge Park
Loftus
Loggerheads and Whitmore
Logie
Logie
Logie Buchan
Loirston
London Colney
London Road
Long Buckby
Long Calderwood
Long Clawson and Stathern
Long Compton
Long Crendon
Long Ditton
Long Eaton Central
Long Itchington
Long Marton
Long Melford
Long Sutton
Long Sutton
Longbeck
Longbenton
Longbridge
Longbridge
Longbridge
Longdendale
Longdon
Longdon
Longfield, New Barn and Southfleet
Longford

Longford
Longframlington
Longham
Longhaugh
Longhill
Longholme
Longhorsley
Longhoughton with Craster and Rennington
Longlands
Longlevens
Longmeadow
Longniddry
Longsight
Longstanton
Longthornton
Longton and Hutton West
Longton North
Longton South
Longtown & Rockcliffe
Longview
Longwell Green
Longworth
Lonmay and St Fergus
Looe and St Martin
Loose
Lordship
Lordswood and Capstone
Loreburn
Lorne
Lossiemouth East
Lossiemouth West
Lostock
Lostock & Wincham
Lostock Hall
Lostwithiel
Lothingland
Lothingland
Loughborough Ashby
Loughborough Dishley and Hathern
Loughborough Garendon
Loughborough Hastings
Loughborough Lemyngton
Loughborough Nanpantan
Loughborough Outwoods
Loughborough Shelthorpe
Loughborough Southfields
Loughborough Storer
Loughbrickland
Loughgall
Loughries

Loughton Alderton
Loughton Broadway
Loughton Fairmead
Loughton Forest
Loughton Park
Loughton Roding
Loughview
Loundsley Green
Lounsdale and Millarston
Love Lane
Loveden
Lovelace
Lovett and North Claines
Low Fell
Low Furness & Swarthmoor
Low Harrogate
Low Spennymoor and Tudhoe Grange
Low Waters
Lowdham
Lower Braniel
Lower Brett
Lower Brynamman
Lower Culm
Lower Deeside
Lower Edmonton
Lower Glenshane
Lower Langlee and Tweedbank
Lower Loughor
Lower Lune Valley
Lower Morden
Lower Nazeing
Lower Nene
Lower Nidderdale
Lower Sheering
Lower Stoke
Lower Wensleydale
Lower Wylze and Woodford Valley
Lowerhouse
Lowgates and Woodthorpe
Lowick
Lowman
Lowton East
Loxford
Lozells and East Handsworth
Lubenham
Luce
Luddendenfoot
Ludford
Ludgershall
Ludgvan and Towednack



Ludlow Henley
Ludlow Sheet with Ludford
Luffield Abbey
Lumbertubs
Lumley
Lumphinnans and Lochgelly South
Luton and Wayfield
Lutterell
Lutterworth Brookfield
Lutterworth Orchard
Lutterworth Springs
Lutterworth Swift
Lydbrook and Ruardean
Lydd
Lydden and Temple Ewell
Lydden Vale
Lyddington
Lydford
Lydney East
Lydney North
Lye and Wollescote
Lye Valley
Lyme Regis
Lymington Town
Lymm
Lympne and Stanford
Lyncombe
Lyndhurst
Lyndon
Lyne
Lyneham
Lynemouth
Lynesack
Lynher
Lynnfield
Lynton and Lynmouth
Lytchett Matravers
Lytchett Minster and Upton East
Lytchett Minster and Upton West
Lyth Valley
Lyveden
Mabe and Budock
Mablethorpe Central
Mablethorpe East
Mablethorpe North
Macclesfield Bollinbrook
Macclesfield Broken Cross
Macclesfield Central
Macclesfield East
Macclesfield Hurdsfield

Macclesfield Ivy
Macclesfield Ryles
Macclesfield South
Macclesfield Tytherington
Macclesfield West
Macduff
Machynlleth
Mackworth
Macosquin
Madeley
Madeley
Madron and Zennor
Maenclochog
Maerdy
Maescar/Llywel
Maeshyfryd
Maesteg East
Maesteg West
Maesycwmmmer
Maesydre
Magdalen
Maghaberry
Maghera
Magheralave
Magheralin
Magilligan
Magnus
Maguires Bridge
Maida Vale
Maiden Erlegh
Maiden Newton
Maidenbower
Maidenhead Riverside
Maldon East
Maldon North
Maldon South
Maldon West
Malinslee
Mallaig and Small Isles
Mallusk
Malmesbury
Malone
Malpas
Malpas
Maltby
Malton
Mancot
Mancroft
Mandale and Victoria
Mandeville and Elm Farm

Manea
Manifold
Manningham
Manningtree, Mistle, Little Bentley and Tendring
Manor
Manor
Manor
Manor
Manor
Manor
Manor
Manor
Manor
Manor Castle
Manor Park
Manor Park
Manor Park
Manor Vale
Manorbier
Manordeilo and Salem
Manshead
Manvers
Mapesbury
Maple Cross & Mill End
Mapledurham
Mapperley
Mapperley Plains
Mara
Marazion and Perranuthnoe
March East
March North
March West
Marcham and Shippon
Marchmont
Marchmount
Marchog
Marchwiell
Marchwood
Marconi
Marden and Yalding
Mardy
Mareham le Fen
Marfleet
Marford and Hoseley
Margam
Margate Central
Marhamchurch
Marine
Marine
Marine
Mark Hall

Market
Market
Market and West Deeping
Market Drayton East
Market Drayton North
Market Drayton South
Market Harborough-Great Bowden and Arden
Market Harborough-Little Bowden
Market Harborough-Logan
Market Harborough-Welland
Market Rasen
Markethill
Markfield, Stanton and Fieldhead
Markhouse
Markinch and Woodside East
Marks Tey
Marl
Marlborough
Marlborough East
Marlborough West
Marlbrook
Marldon
Marlow North and West
Marlow South East
Marnhull
Marple North
Marple South
Marsden
Marsh
Marsh Gibbon
Marsh House
Marshalswick North
Marshalswick South
Marsham
Marshchapel
Marshes
Marshfield
Marshside
Marshwood Vale
Marston
Marston
Marston Moor
Martin
Martins Wood
Martinsthorpe
Martlesham
Martletwy
Martley
Martock
Marton

Marton
Marton West
Marwood
Mary Tavy
Maryhill
Marylebone High Street
Maserfield
Mash Barn
Mashamshire
Massereene
Masson
Mastrick
Matchborough
Matlock All Saints
Matlock St Giles
Matson and Robinswood
Mauchline
Maulden and Clophill
Maw Green
Mawneys
Mawr
Maxton, Elms Vale and Priory
Maxwell Park
Maxwellton
Maxwelltown
May Bank
Mayals
Maybury and Sheerwater
Mayesbrook
Mayfield
Mayfield
Mayfield
Mayfield
Mayfield South
Mayford and Sutton Green
Mayland
Mayobridge
Maze
Maze Hill
Meadowbank
Meadowhead
Meads
Mearns
Mearns Central
Mearns North
Mearns South
Mease and Tame
Measham
Mechell
Meden

Medlar-with-Wesham
Medlock Vale
Medway
Medworth
Meifod
Meir Park and Sandon
Melbourn
Melbourne
Melcombe Regis
Meldreth
Meldrum
Melindwr
Melksham North
Melksham Spa
Melksham Without
Melksham Woodrow
Mellor
Mells
Melrose and District
Melsonby
Melton
Melton and Ufford
Melton Craven
Melton Dorian
Melton Egerton
Melton Newport
Melton Sysonby
Melton Warwick
Menai (Bangor)
Menai (Caernarfon)
Mendip
Mendlesham
Meneage
Menheniot and St Ive
Menstrie
Meole Brace
Meols
Meopham North
Meopham South and Vigo
Merchant City
Merchiston
Mercian
Mere
Meriden
Meriden
Merkinch
Merley and Bearwood
Merrow
Merry Hill
Merrylea Park

Mersey
Mershe Lande
Merstham
Merthyr Vale
Merton Park
Metheringham
Methil
Methilhill
Mevagissey
Mexborough
Mickle Trafford
Micklefield
Micklegate
Mickleham, Westhumble and Pixham
Mickleover
Mid Deeside
Mid Forest
Mid Holderness
Mid Nithsdale
Mid Samford
Mid Wylde Valley
Middle Deal and Sholden
Middle Park and Sutcliffe
Middle Rasen
Middlecroft and Poolsbrook
Middlefield
Middleforth
Middleham
Middlehaven
Middlestone
Middleton
Middleton
Middleton Cheney
Middleton Park
Middleton St George
Middleton Tyas
Middleton-in-Teesdale
Middleton-on-Sea
Middlewich Cledford
Middlewich Kinderton
Midhurst
Midsomer Norton North
Midsomer Norton Redfield
Midstocket
Midway
Milborne Port
Mildmay
Mile Cross
Mile End
Mile End and Globe Town

Mile End East	
Milebush	
Miles Platting and Newton Heath	
Milford	
Milford	
Milford	
Milford	
Milford: Central	
Milford: East	
Milford: Hakin	
Milford: Hubberston	
Milford: North	
Milford: West	
Milkstone and Deeplish	
Mill	
Mill Hill	
Mill Hill	
Mill Hill	
Millbrook	
Millbrook	
Millbrook	
Millfield	
Millfield	
Millisle	
Millom Without	
Millwall	
Millway	
Milnathort and North Kinross	
Milnbank	
Milnrow and Newhey	
Milnshaw	
Milnthorpe	
Milton	
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Milton	
Milton	
Milton Ford	
Milton Lilbourne	
Milton Regis	
Milton Weaver	
Milton-under-Wychwood	
Milverton	
Milverton and North Deane	
Milwich	



Minchinhampton
Mincinglake
Minden
Minehead North
Minehead South
Minera
Minnowburn
Minshull
Minster
Minster
Minster and Woodmansey
Minster Cliffs
Mintlaw-Longside
Mintlaw-Old Deer
Mirehouse
Mirfield
Misterton
Misterton
Mitchel Troy
Mitcheldean and Drybrook
Mitton
Moat
Moat
Mobberley
Mochdre
Moelfre
Moffat
Moira
Moira
Mold Broncoed
Mold East
Mold South
Mold West
Molesey East
Molesey North
Molesey South
Mollington
Molyneux
Moncreiffe and Friarton
Moneymore
Moneyreagh
Monifieth Central
Monifieth West
Monk Bretton
Monk Fryston and South Milford
Monkhams
Monkleigh and Littleham
Monkmoor
Monkseaton North
Monkseaton South

Monkstown
Monkton
Montford
Montgomery
Montrose Central
Montrose Ferryden
Montrose Hillside
Montrose West
Monument
Moodiesburn East and Blackwood West
Moodiesburn West and Gartcosh
Moor
Moor
Moor Park
Moor Park & Eastbury
Moor View
Moorclose
Moordown
Moorland
Moorland
Moorpark
Moorside
Moorside
Moortown
Morawelon
Moredon
Moredun
Moreland
Moresby
Moresk
Moreton and Fyfield
Moreton Hall
Moreton West and Saughall Massie
Moreton-in-Marsh
Morfa
Morfa Nefyn
Morgan Jones
Moriah
Morkery
Morland
Morley & Styal
Morley North
Morley South
Morpeth Central
Morpeth Kirkhill
Morpeth North
Morpeth South
Morpeth Stobhill
Morrishall
Morrison

Mortimer
Mortimer
Mortlake and Barnes Common
Morton
Morton
Morton-on-Swale
Morvah, Pendeen and St Just
Morville
Mosborough
Moseley and Kings Heath
Moss Bank
Moss Bay
Moss Side
Moss Side
Mossend East and New Stevenston North
Mossend West and Thorndean
Mossilee and Central
Mossley
Mossley
Mossley Hill
Mossneuk/Kittoch
Mosspark
Moss-Side and Moyarget
Moston
Mostyn
Mostyn
Motcombe and Ham
Mottingham and Chislehurst North
Moulsecomb and Bevendean
Moulsham and Central
Moulsham Lodge
Moulton
Mount
Mount Charles
Mount Florida
Mount Hawke
Mount Hermon East
Mount Hermon West
Mount Joy
Mount Sandel
Mount Vernon
Mountain Ash East
Mountain Ash West
Mountblow
Mountcastle
Mountsorrel
Mourneview
Movilla
Mowden
Moy

Moygashel
Much Hadham
Much Wenlock
Mudeford and Friars Cliff
Muir of Ord
Muirhouse and Netherton
Muirhouse/Drylaw
Muirkirk, Lugar, Logan
Muirside
Muirton
Muirtown
Mulbarton
Mulgrave
Mull
Mullaghmore
Mullion
Mundens and Cottered
Mundesley
Munster
Murieston
Murlough
Murray Burn
Murrayfield
Murston
Murtle
Murton East
Murton West
Musgrave
Muskham
Musselburgh Central
Musselburgh East
Musselburgh North
Musselburgh South
Musselburgh West
Musters
Muswell Hill
Muxloe
Muxton
Mylor
Mynyddbach
Mytchett and Deepcut
Myton
N.E. Corstorphine
Nacton
Nailsea East
Nailsea North and West
Nailsworth
Nairn Alltan
Nairn Auldearn
Nairn Cawdor

Nairn Ninian
Nantmel
Nantyglo
Nant-y-moel
Nar Valley
Narberth
Narberth Rural
Narborough and Littlethorpe
Nascot
Nash Mills
Natland
Nayland
Neath East
Neath North
Neath South
Nechells
Necton
Nedge
Needham Market
Needwood
Nefyn
Nelson
Nelson
Nelson
Nelson
Nene Valley
Neroche
Neroche
Nesting, Whiteness, Girlsta and Gott
Neston
Nether Edge
Netheravon
Netherbury
Nethercourt
Netherdale
Netherfield and Colwick
Netherhall
Netherlee
Nethermayne
Netherton
Netherton and Orrell
Netherton, Woodside and St Andrews
Netley Abbey
Netteswell
Nettleham
Nettleton
Nevile
Nevill
Neville and Simpasture
New Addington

New Bilton
New Brancepeth and Ushaw Moor
New Brighton
New Brighton
New Broughton
New Buildings
New Costessey
New Cross
New Cumnock
New Duston
New Elgin East
New Elgin West
New Haw
New Inn
New Lodge
New Longton and Hutton East
New Mills East
New Mills West
New Monkland West
New Park
New Parks
New Quay
New River
New Romney Coast
New Romney Town
New Stevenston and Carfin
New Town
New Town
New Tredegar
New Trimdon and Trimdon Grange
Newarthill
Newbarns
Newbattle/Pathhead
Newbiggin East
Newbiggin West
Newbold
Newbold Verdon with Desford and Peckleton
Newborough
Newbridge
Newbridge
Newbridges
Newbrooke
Newbuildings
Newburgh
Newburgh and Tay Coast
Newburn
Newbury
Newby
Newby
Newcastle

Newcastle and Tanshall
Newchapel
Newchurch
Newcomen
Newent Central
Newhall and Stanton
Newhaven
Newhaven Denton and Meeching
Newhaven Valley
Newhill
Newhills
Newick
Newington
Newington
Newington
Newington
Newland
Newland
Newland and St Briavels
Newlands
Newlyn and Goonhavern
Newmachar and Fintray
Newmains
Newmilns
Newnham
Newnham
Newnham and Westbury
Newport
Newport
Newport
Newport East
Newport North
Newport North
Newport Pagnell North
Newport Pagnell South
Newport South
Newport South
Newport West
Newport-on-Tay and Wormit
Newsham and New Delaval
Newsham with Eppleby
Newsome
Newstead
Newton
Newton
Newton
Newton
Newton
Newton and Noss
Newton and Treales

Newton Brook
Newton Flotman
Newton Hall North
Newton Hall South
Newton Longville
Newton Poppleford and Harpford
Newton Regis and Warton
Newton St Michaels
Newtongrange
Newtonhill, Muchalls and Cammachmore
Newtown
Newtown
Newtown
Newtown
Newtown
Newtown
Newtown Central
Newtown East
Newtown Llanllwchaiarn North
Newtown Llanllwchaiarn West
Newtown South
Newtownbreda
Newtownbutler
Newtownhamilton
Newtownsaville
Newtownstewart
Neyland: East
Neyland: West
Nidd Valley
Nigg
Nightingale
Ninewells
Ninfield and Hooe with Wartling
Nithsdale East
Nitshill
Noel Park
Nonsuch
Nonsuch
Norbiton
Norbreck
Norbury
Norbury
Norcot
Norcross
Norden
Norden
Nordinton
Norhamshire
Nork
Norland



Norman
Normanby
Normandy
Normanston
Normanton
Normanton
Normanton
Normanton
Norreys
Norris Green
North
North
North
North
North
North
North
North and West Kintyre
North Baddesley
North Bay
North Benbecula
North Berwick East
North Berwick West
North Cairnhill and Coatdyke
North Cardonald
North Carrick and Maybole East
North Carrick and Maybole West
North Central
North Central and Glenboig
North Cosford
North Curry
North Deal
North Downham
North Downs
North Downs East
North Downs West
North Duffield
North East
North End
North End
North Greenford
North Heaton
North Heywood
North Highcliffe and Walkford
North Hinksey and Wytham
North Holderness
North Holme
North Hykeham Forum
North Hykeham Memorial
North Hykeham Mill

North Hykeham Moor
North Hykeham Witham
North Inch
North Jesmond
North Kelvin
North Kilmarnock, Fenwick and Waterside
North Leigh
North Letham
North Lochs
North Lodge
North Lorn
North Lynn
North Manor
North Meols
North Middleton
North Molton
North Morningside/Grange
North Motherwell
North Muirton
North Mundham
North Nailbourne
North Neilston and West Arthurlie
North New Farm Loch and Dean
North Ormesby and Brambles Farm
North Petherton
North Petherwin
North Portslade
North Richmond
North Road
North Somercotes
North Sunderland
North Tawton
North Thoresby
North Town
North Turton with Tockholes
North Walsham East
North Walsham North
North Walsham West
North Weald Bassett
North West
North Whetstone
North Willesborough
North Wingfield Central
North Wootton
Northallerton Broomfield
Northallerton Central
Northallerton North
Northam
Northaw
Northborough

Northbrook	
Northchurch	
Northcote	
Northcroft	
Northenden	
Northern Parishes	
Northfield	
Northfield	
Northfield Brook	
Northfields	
Northfields	
Northfleet North	
Northfleet South	
Northgate	
Northgate	
Northgate	
Northgate	
Northhill and Blunham	
Northland	
Northleach	
Northmavine, Muckle Roe and Busta	
Northolt Mandeville	
Northolt West End	
Northop	
Northop Hall	
Northowram and Shelf	
Northstead	
Northstone	
Northumberland	
Northumberland Heath	
Northumberland Park	
Northway	
Northwell	
Northwich Castle	
Northwich Winnington	
Northwich Witton	
Northwick	
Northwick Park	
Northwood	
Northwood	
Northwood	
Northwood	
Northwood and Birches Head	
Northwood Hills	
Norton	
Norton	
Norton and Bradeley	
Norton and Whittington	
Norton Canes	
Norton East	

Norton Fitzwarren
Norton North
Norton North
Norton South
Norton South
Norton West
Norton West
Norwood
Norwood Green
Nottage
Notting Barns
Nottingham Road
Nunhead
Nunnery
Nunthorpe
Nuthall East and Strelley
Nuthall West and Greasley (Watnall)
Nuthurst
Oadby Brocks Hill
Oadby Grange
Oadby Uplands
Oadby Woodlands
Oak
Oak Tree
Oakbank
Oakdale
Oakfield
Oakfield and Cowdenbeath North
Oakham North East
Oakham North West
Oakham South East
Oakham South West
Oaklands
Oakleigh
Oakley
Oakley
Oakley and North Waltham
Oakley, Saline and Steelend
Oakridge and Castlefield
Oakthorpe and Donisthorpe
Oakwood
Oatlands Park
Oatridge
Oban Central
Oban North
Oban South
Observatory
Ochiltree, Skares, Netherthird and Craigens
Ockbrook And Borrowash
Ockendon

Odd Down	
Odd Rode	
Odiham	
Offa	
Offa	
Offerton	
Offington	
Offmore and Comberton	
Ogbourne	
Ogmore Vale	
Ogwen	
Okehampton East	
Okehampton West	
Okewood	
Old Bracknell	
Old Catton and Sprowston West	
Old Cleeve	
Old Costessey	
Old Dalby	
Old Dean	
Old Duston	
Old Gaywood	
Old Glossop	
Old Gore	
Old Harlow	
Old Hastings	
Old Laund Booth	
Old Leake and Wrangle	
Old Malden	
Old Moat	
Old Monkland	
Old Park	
Old Radnor	
Old Selkirk	
Old Swan	
Old Town	
Old Town	
Old Town	
Old Town	
Old Town and Lawn	
Old Warley	
Old Warren	
Old Whittington	
Old Windsor	
Old Woking	
Oldbury	
Oldcastle	
Oldfield	
Oldfield	
Oldington and Foley Park	

Oldland Common
Oldmachar
Oldtown
Olivers Battery and Badger Farm
Ollerton
Olney
Olton
Ombersley
Onehouse
Onllwyn
Onslow
Onthank
Orangefield
Orbiston
Orchard
Orchard Hill
Orchard Park and Greenwood
Ordsall
Ore
Orford
Orford and Tunstall
Ormesby
Ormesby
Ormiston/Pencaitland
Ormsgill
Orphir, Walls and Flotta
Orpington
Orrell
Orsett
Orton Longueville
Orton Waterville
Orton with Hampton
Orton with Tebay
Orwell and Barrington
Osbaldwick
Osborne
Osbournby
Oscott
Osmotherley
Ossett
Osterley and Spring Grove
Otford and Shoreham
Otley
Otley and Yeadon
Otmoor
Otterhead
Ottery St Mary Rural
Ottery St Mary Town
Oulton
Oulton Broad

Oundle
Ouse Valley and Ringmer
Ouseburn
Ouseburn
Ouston
Oval
Ovenden
Over Stroud
Over Wallop
Overmonnow
Overslade
Overton
Overton
Overton
Overton, Laverstoke and Steventon
Ovingham
Owenkillew
Owermoigne
Owlsmoor
Owslebury and Curdridge
Owton
Oxenhall and Newent North East
Oxenton Hill
Oxhey
Oxhey Hall
Oxley
Oxted North and Tandridge
Oxted South
Oxton
Oystermouth
Paddock
Paddock Wood East
Paddock Wood West
Paddox
Padfield
Padstow and District
Page Moss
Pagham and Rose Green
Paible
Painswick
Painters Ash
Paisley Central
Pakefield
Pakenham
Palace Riverside
Palfrey
Palgrave
Pallion
Pallister
Palmers Green





Parkhead
Parkhurst
Parklake
Parklands
Parklands
Parkmains
Parks
Parkside
Parkside
Parkside
Parkstone
Parkwall
Parley
Parr
Parrett
Parsloes
Parson Drove and Wisbech St Mary
Parsons Green and Walham
Partick
Passfield
Passingford
Paston
Pastures
Patcham
Patching Hall
Patchway
Pateley Bridge
Pather and Gowkthrapple
Patna and Dalrymple
Pattingham and Patshull
Paulsgrove
Paulton
Paxcroft
Peacehaven East
Peacehaven North
Peacehaven West
Peartree
Peartree
Peascliffe
Peasedown
Peasehall
Peatling
Peblig (Caernarfon)
Peckforton
Peckham
Peckham Rye
Peckover
Pedmore and Stourbridge East
Peebles and District East
Peebles and District South

Peebles and Upper Tweed
Peel
Peel Common
Pegswood
Pelaw and Gilesgate
Pelaw and Heworth
Pelenna
Pelham
Pelsall
Pelton
Pelton Fell
Pemberton
Pembrey
Pembridge
Pembridge and Lyonshall with Titley
Pembroke Dock: Central
Pembroke Dock: Llanion
Pembroke Dock: Market
Pembroke Dock: Pennar
Pembroke: Monkton
Pembroke: St. Mary North
Pembroke: St. Mary South
Pembroke: St. Michael
Pembury
Penally
Penbryn
Penclawdd
Penderry
Pendlebury
Pendre
Pengam
Penge and Cator
Penhill
Penhill
Penicuik North
Penicuik South East
Penicuik South West
Penicuik/Roslin
Penilee
Peninsula
Peninsula
Penisarwaun
Penistone East
Penistone West
Penketh and Cuerdley
Penkridge North East and Acton Trussell
Penkridge South East
Penkridge West
Penkside
Penllergaer

Penmaen
Penn
Penn
Penn and Coleshill
Penn Hill
Pennard
Pennine
Pennington
Pennsylvania
Pennyburn
Pen-parc
Penprysg
Penrhiwceiber
Penrhyn
Penrhyndeudraeth
Penrith Carleton
Penrith East
Penrith North
Penrith Pategill
Penrith South
Penrith West
Penryn
Pensarn
Pensby and Thingwall
Penshurst, Fordcombe and Chiddingstone
Pentir
Penton Bellinger
Pentraeth
Pentre
Pentre Mawr
Pentwyn
Pentyrch
Penwerris
Penyard
Penycae
Penycae and Ruabon South
Penydarren
Pen-y-fai
Penyffordd
Penyghent
Pen-y-graig
Penygroes
Penygroes
Penylan
Penyrheol
Penyrheol
Pen-y-waun
Penzance Central
Penzance East
Penzance Promenade

Penzance South
Peppard
Perivale
Perranporth
Perry Barr
Perry Vale
Pershore
Perton Dippons
Perton East
Perton Lakeside
Peter Bruff
Peterculter
Peterhead Central-Roanheads
Petersfield
Petersfield Bell Hill
Petersfield Causeway
Petersfield Heath
Petersfield Rother
Petersfield St Marys
Petersfield St Peters
Peterston-super-Ely
Pettits
Petts Wood and Knoll
Petworth
Pevensey
Pevensey and Westham
Peverel
Peverell
Pewsey
Pewsey Vale
Pharos
Pheasey Park Farm
Phoenix
Pickaquoy
Pickering
Pickering East
Pickering West
Pickersleigh
Pickwick
Picton
Pictstonhill
Piddle Valley
Pier
Pierremont
Pilgrim
Pilgrims
Pilgrims Hatch
Pilkington Park
Pill
Pillgwenlly

Pilling
Pillowell
Pilning and Severn Beach
Pilsley and Morton
Pilton
Pilton
Pimhill
Pin Green
Pinchbeck
Pinewood
Pinhoe
Pinkneys Green
Pinkwell
Pinner
Pinner South
Pinvin
Pinxton
Pipers Hill
Pirbright
Pitcorthie
Pitkerro
Pitlochry
Pitmedden
Pitsea North West
Pitsea South East
Pitstone
Pitteuchar and Finglassie North
Pittington and West Rainton
Pittodrie
Pittville
Plains and Caldercruix
Plaistow
Plaistow and Sundridge
Plaistow North
Plaistow South
Planets
Plantation
Plas Madoc
Plasnewydd
Plasterfield
Pleasley
Pleasley Hill
Pleck
Plessey
Plessy
Plumbridge
Plumley
Plumpton, Streat, East Chiltonington and St John (Without)
Plumstead
Plumstead

Plymouth
Plymouth
Plympton Chaddlewood
Plympton Erle
Plympton St Mary
Plymstock Dunstone
Plymstock Radford
Pocklington Provincial
Podsmead
Polegate North
Polegate South
Poleglass
Polesworth East
Polesworth West
Polkemmet
Pollards Hill
Pollok
Pollokshaws
Pollokshields East
Polmaise
Polmont
Polsloe
Poltair
Poltonhall/Rosewell
Pomeroy
Ponciau
Ponders End
Pontamman
Pontardawe
Pontardulais
Pontefract North
Pontefract South
Ponteland East
Ponteland North
Ponteland South
Ponteland West
Pontllanfraith
Pontlottyn
Pontnewydd
Pontnewynydd
Pontprennau/Old St. Mellons
Pontrilas
Pontyberem
Pont-y-clun
Pontycymmer
Pontypool
Pontypridd Town
Poole Town
Pooltown
Poplar

Poplars and Hulme
Popley East
Popley West
Poppyland
Porchester
Poringland with the Framinghams
Porlock and District
Port of Ness
Port Talbot
Portaferry
Portavogie
Portchester East
Portchester West
Portfield
Portglenone
Porth
Porthcawl East Central
Porthcawl West Central
Porthill
Porthill
Porthleven and Sithney
Porthmadog East
Porthmadog West
Porthmadog-Tremadog
Porthyfelin
Portishead Central
Portishead Coast
Portishead East
Portishead Redcliffe Bay
Portishead South and North Weston
Portishead West
Portland
Portlethen North
Portlethen South
Portley
Portman
Portobello
Portora
Portree
Portskewett
Portsoken
Portstewart
Portswood
Postlebury
Potterne
Potters Bar Furzefield
Potters Bar Oakmere
Potters Bar Parkfield
Potton and Wensley
Poughill and Stratton

Poulton
Poulton North
Poulton South
Pound Hill North
Pound Hill South and Worth
Powick
Poynton Central
Poynton East
Poynton West
Poyntz Pass
Prebendal
Prees
Preesall
Prenton
Prescot East
Prescot West
Prestatyn Central
Prestatyn East
Prestatyn Meliden
Prestatyn North
Prestatyn South West
Prestbury
Prestbury
Presteigne
Preston
Preston
Preston
Preston
Preston
Preston
Preston
Preston Park
Preston Rural East
Preston Rural North
Prestonfield
Prestonpans East
Prestonpans West
Prestwick Kingcase
Prestwick Toll
Prestwood and Heath End
Prettygate
Priestwood and Garth
Primrose
Primrose
Princes
Princes End
Princes Park
Princes Park
Princetown
Prior
Priorslee



Priory
Priory
Priory
Priory
Priory
Priory
Priory
Priory
Priory Heath
Prittwell
Privett
Probus
Prudhoe Castle
Prudhoe North
Prudhoe South
Prudhoe West
Publow and Whitchurch
Puckeridge
Puddletown
Pudsey
Pulborough and Coldwatham
Pulteneytown
Purbrook
Purewell and Stanpit
Puriton
Purleigh
Purley
Purley on Thames
Purton
Putnoe
Pwllheli North
Pwllheli South
Pyefleet
Pylcombe
Pyle
Pyrford
Quainton
Quantock Vale
Quarme
Quarrendon
Quarry and Risinghurst
Quarry Bank and Dudley Wood
Quarter Bach
Quedgeley Fieldcourt
Quedgeley Severn Vale
Queen Eleanor
Queen Thorne
Queenborough and Halfway
Queenhithe
Queens Cross

Queens Park
Queens Park
Queensbridge
Queensbury
Queensbury
Queensbury
Queensferry
Queensferry
Queensgate
Queenslie
Queenstown
Queensway
Queensway
Queenzieburn and Kilsyth West
Queniborough
Quilly
Quinton
Quinton
Quoile
Quorn and Mountsorrel Castle
Radcliffe East
Radcliffe North
Radcliffe West
Radford
Radford and Park
Radford Semele
Radipole
Radley
Radstock
Radyr
Raglan
Raigmore
Rainbow Hill
Rainford
Rainham and Wennington
Rainham Central
Rainham North
Rainham South
Rainhill
Rainow
Rainworth
Raith and Longbraes
Raleigh
Ralston
Rame Peninsula
Rampton
Ramsbottom
Ramsbury
Ramsey
Ramsey and Parkeston

Ramshill
Randalstown
Rannoch and Atholl
Ranskill
Raploch
Rassau
Rastrick
Ratby, Bagworth and Thornton
Rathbrady
Rathford
Rathfriland
Rathgael
Rattlesden
Ratton
Ratray and Glenshee
Raunds Saxon
Raunds Windmill
Ravenhill
Ravenhurst and Fosse
Ravenmeols
Ravensbury
Ravenscliffe
Ravenscourt Park
Ravensdale
Ravenshead
Ravensthorpe
Ravensthorpe
Ravenstone and Packington
Ravenstonedale
Rawmarsh
Rawnsley
Rayleigh Central
Rayne
Rayners Lane
Raynes Park
Rea Valley
Read and Simonstone
Reculver
Red Lodge
Redbourn
Redbridge
Redcliffe
Redding and Westquarter
Reddingmuirhead, Brightons and Rumford
Reddish North
Reddish South
Redesdale
Redhill
Redhill and Northbourne
Redhill East

Redhill West
Redland
Redlands
Redmarley
Redruth North
Redruth South
Redvales
Redwell East
Redwell West
Reedley
Reepham
Reeth and Arkengarthdale
Regency
Reigate Central
Reigate Hill
Remenham, Wargrave and Ruscombe
Rendlesham
Renishaw
Renton/Alexandria South
Repton
Resolven
Rest Bay
Restalrig
Rettendon and Runwell
Rhayader
Rhigos
Rhins North
Rhins South
Rhiw
Rhiwbina
Rhiwcynon
Rhondda
Rhose
Rhos
Rhosneigr
Rhosnesni
Rhosyr
Rhuddlan
Rhydfelen Central/Ilan
Rhyl East
Rhyl South
Rhyl South East
Rhyl South West
Rhyl West
Rialton
Ribbleton
Ribby-with-Wrea
Ribchester
Ribston
Riccall with Escrick

Riccarton
Rich Hill
Richmond
Richmond Central
Richmond East
Richmond West
Rickinghall and Walsham
Rickmansworth
Rickmansworth West
Ridge
Ridgeway
Ridgeway
Ridgeway and Marsh Lane
Rift House
Rillington
Ringland
Ringsend
Ringshall
Ringstead
Ringstone
Ringwood East and Sopley
Ringwood North
Ringwood South
Ringwould
Ripley
Ripley and Marehay
Ripon Minster
Ripon Moorside
Ripon Spa
Ripple
Risby
Risbygate
Risca East
Risca West
Risedale
Riseley
Rishton
Rissingtons
Rivacre
River
River
River
River
Riversdale
Riverside
Riverside
Riverside
Riverside
Riverside
Riverside

Riverside
Riverside
Riverside
Riverside
Riverside and Laleham
Riversmeet
Riversway
Riverview
Rixton and Woolston
Robin Hood
Robroyston
Roby
Rochester East
Rochester South and Horsted
Rochester West
Rochford
Rock
Rock
Rock Ferry
Rockingham
Rockland
Rodborough
Roding
Rodney and Priddy
Rodway
Roe Lee
Roebuck
Roehampton
Roeside
Roffey North
Roffey South
Rogate
Rogerstone
Rogiet
Rolleston on Dove
Rolvenden and Tenterden West
Romaldkirk
Roman
Roman Bank
Romanby
Romford Town
Romney Marsh
Romsey
Romsey Extra
Rooksdown
Roosecote
Ropley and Tisted
Rose Hill and Iffley
Rosebank and Waterside
Rosedale

Rosegrove with Lowerhouse
Rosehill with Burnley Wood
Roseland
Rosemount
Rosemount
Roseneath, Clynder and Kilcreggan
Rosetta
Roseworth
Rossall
Rossett
Rossett
Rossington
Rosskeen and Saltburn
Rosslea
Rossmere
Rossmore
Ross-on-Wye East
Ross-on-Wye West
Rossorry
Rostrevor
Rostulla
Rosyth East
Rosyth West
Rothbury and South Rural
Rother
Rother Levels
Rother Vale
Rotherfield
Rotherham East
Rotherham West
Rotherhithe
Rothley and Thurcaston
Rothwell
Rottingdean Coastal
Rougham
Roughton
Roughton
Round Green
Roundham-with-Hyde
Roundhay
Roundway
Route
Rowhill
Rowlands Castle
Rowley
Rowley
Rowner and Holbrook
Rowton
Roxbourne
Roxeth

Roxton
Royal Docks
Royal Hospital
Royal Portrush
Roydon
Roydon
Royds
Royston
Royston
Royston Heath
Royston Meridian
Royston Palace
Royton North
Royton South
Ruabon
Rudbaxton
Rudby
Ruddington
Rudgwick
Rudham
Rudheath & South Witton
Rufford
Ruishton and Creech
Rumney
Rumworth
Rural East
Rural Keith and Rothas
Rural North
Rural West
Rural West York
Rush Green
Rushall-Shelfield
Rushden East
Rushden North
Rushden South
Rushden West
Rushey Green
Rushey Mead
Rushmere
Rushmere St Andrew
Rusholme
Ruskington
Rusper and Colgate
Rustens
Rusthall
Rustington East
Rustington West
Rutherglen West
Ruthin
Ruthven Park



Ruxley
Ruyton and West Felton
Ryburn
Ryde North East
Ryde North West
Ryde South East
Ryde South West
Rye
Rye Park
Ryedale South West
Ryemead
Ryhall and Casterton
Ryhope
Ryton, Crookhill and Stella
Ryton-on-Dunsmore
S.E. Corstorphine
Sabden
Sackville
Sacrison
Sadberge and Whesoe
Saddleworth North
Saddleworth South
Saddleworth West and Lees
Saffron Walden Audley
Saffron Walden Castle
Saffron Walden Shire
Saintfield
Saints
Salcey
Salcombe and Malborough
Sale Moor
Salehurst
Salfords and Sidlow
Salmestone
Salsburgh
Saltash Burraton
Saltash Essa
Saltash Pill
Saltash St Stephens
Saltburn
Saltcoats East
Saltcoats North
Saltergate
Saltford
Salthill
Saltney Mold Junction
Saltney Stonebridge
Saltstone
Saltwell
Salvington

Sambourne
Samlesbury and Walton
Sanday, North Ronaldsay and Stronsay
Sandbach East
Sandbach North
Sandbach West
Sanderstead
Sandfields East
Sandfields West
Sandford
Sandford
Sandford and Creedy
Sandhill
Sandhoe with Dilston
Sandholes
Sandiacre North
Sandiacre South
Sandown North
Sandown South
Sandridge
Sands
Sands End
Sandsting, Aithsting and Weisdale
Sandwich
Sandwick and Stromness Landward
Sandwick, Levenwick and Bigton
Sandwith
Sandy Ivel
Sandy Pinnacle
Sandyford
Sandywell
Sanguhar and District
Sarisbury
Sarn
Saron
Sarratt
Saucel and Hunterhill
Sauchenford
Saughall
Saundersfoot
Sawbridgeworth
Sawley
Sawston
Sawtry
Saxilby
Saxmundham
Saxon Shore
Saxondale
Saxonwell
Saxton and Ulleskelf

Scalby, Hackness and Staintondale
Scalloway
Scampton
Scapa and Kirkwall South West
Scarborough
Scarcliffe
Scarisbrick
Scartho
Sciennes
Scleddau
Scole
Scone
Scorguie
Scotforth East
Scotforth West
Scotstoun
Scott
Scotter
Scotton
Scottow
Scrabo
Seaboard
Seabridge
Seacombe
Seacon
Seacroft
Seafar and The Village
Seafield
Seaford Central
Seaford East
Seaford North
Seaford South
Seaford West
Seaforde
Seaham Harbour
Seaham North
Seal and Weald
Sealand
Seales
Seamer
Seapatrik
Seasalter
Seascale
Seaton
Seaton
Seaton
Seaton
Seaton
Seaton Delaval
Seaview

Seaview and Nettlestone
Seckford
Sedbergh
Sedgfield
Sedgley
Sedgley
Seedhill
Seend
Seer Green
Seghill
Seighford
Seiont
Selborne
Selby North
Selby South
Selby West
Selden
Selhurst
Selly Oak
Selsdon and Ballards
Selsey North
Selsey South
Selston
Send
Seton
Sett
Settle and Ribblebanks
Seven Kings
Seven Oaks & Marston
Seven Sisters
Seven Sisters
Seven Stars
Sevenoaks Eastern
Sevenoaks Kippington
Sevenoaks Northern
Severals
Severn
Severn
Severn
Severn Valley
Sewell
Seymour Hill
Shadforth and Sherburn
Shadsworth with Whitebirk
Shadwell
Shaftesbury
Shaftesbury
Shaftesbury
Shaftesbury Central
Shaftesbury Grosvenor

Shaftesbury Underhill
Shafto St Marys
Shakerley
Shalbourne
Shaldon and Stokeinteignhead
Shalfleet and Yarmouth
Shalford
Shamley Green and Cranleigh North
Shandon
Shankill
Shanklin Central
Shanklin North
Shanklin South
Shantallow East
Shantallow West
Shap
Shapinsay and Kirkwall Harbour
Shard End
Sharnbrook
Sharoe Green
Sharston
Shavington
Shavington
Shaw
Shaw and Nine Elms
Shawbirch
Shawbost
Shawbury
Shawhead
Shear Brow
Shearwater
Shebbear and Langtree
Sheddocksley
Shedfield
Sheerness East
Sheerness West
Shefford, Campton and Gravenhurst
Sheldon
Shelley
Shenfield
Shenley
Shenstone
Shephall
Shepperton Town
Sheppey Central
Shepshed East
Shepshed West
Shepton East
Shepton West
Shepway North

Shepway South
Sherborne East
Sherborne St John
Sherborne West
Sherbourne
Sherburn
Sherburn in Elmet
Sheriff Hutton
Sheringham North
Sheringham South
Sherington
Sherrards
Sherwood
Sherwood
Sherwood
Shettleston
Shevington
Shevington with Lower Ground
Shielfield
Shifnal Idsall
Shifnal Manor
Shifnal Rural
Shilbottle
Shillington, Stondon and Henlow Camp
Shilvodan
Shimna
Shincliffe
Shiney Row
Shinfield North
Shinfield South
Shipdham
Shiphay-with-the-Willows
Shiplake
Shipley
Shipley Park, Horsley and Horsley Woodhouse
Shipston
Shipton
Shire Lodge
Shirebrook East
Shirebrook Langwith
Shirebrook North West
Shirebrook South East
Shirebrook South West
Shiregreen and Brightside
Shirenewton
Shirland
Shirley
Shirley
Shirley East
Shirley South

Shirley West
Shobnall
Shoeburyness
Sholing
Shooters Hill
Shorne, Cobham and Luddesdown
Short Heath
Shortlands
Shortlees
Shortroods
Shotton East
Shotton Higher
Shotton West
Shrivenham
Shrub End
Shurdington
Sibford
Sibsey
Sidcup
Sidemoor
Sidlaw East and Ashludie
Sidlaw West
Sidlesham
Sidley
Sidmouth Rural
Sidmouth Sidford
Sidmouth Town
Sidney Sussex
Sighthill
Sikeside and Carnbroe
Sileby
Silhill
Silksworth
Silloth
Silsoe
Silver Bridge
Silverbuthall
Silverdale
Silverdale and Parksite
Silverhill
Silverstone
Silverstream
Silverton
Silvertonhill
Silverwood
Simmondley
Simonside and Rekendyke
Sinfin
Singleton and Greenhalgh
Singleton South

Singlewell
Sinnington
Sion Mills
Sir Moses Montefiore
Sirhowy
Siston
Sitwell
Six Bells
Sixmilecross
Skellingthorpe
Skelmersdale North
Skelmersdale South
Skelton
Skelton
Skelton, Rawcliffe and Clifton Without
Skerries
Skerton East
Skerton West
Sketty
Skidbrooke with Saltfleet Haven
Skipton East
Skipton North
Skipton South
Skipton West
Skirbeck
Skircoat
Skye Central
Skye West
Slade
Slade
Slade Lode
Slaley and Hexhamshire
Sleaford Castle
Sleaford Holdingham
Sleaford Mareham
Sleaford Navigation
Sleaford Quarrington
Sleaford Westholme
Sleekburn
Slemish
Slideslow
Slievekirk
Slough
Slyne-with-Hest
Smallbridge and Firgrove
Smeaton and Overton
Smethwick
Smithfield
Smithills
Snaith, Airmyn, Rawcliffe and Marshland



Snape
Snaresbrook
Snatchwood
Snettisham
Snibston
Snitterfield
Snizort and Trotternish
Snodland East
Snodland West
Soar Valley
Soham North
Soham South
Soho
Soho and Victoria
Solva
Solway
Solway Border
Somerby
Somercotes
Somersham
Sonning
Sonning Common
Sopwell
Sound
South
South
South
South
South
South
South
South
South Acton
South and West Lynn
South Bank
South Beach
South Beach
South Bermondsey
South Bredon Hill
South Brent
South Buchan
South Camberwell
South Carrick
South Central
South Chafford
South Cosford
South Downham
South East Cairnhill and Gartlea
South East Holderness
South Elmsall and South Kirkby
South Ham

South Hanningfield, Stock and Margaretting
South Heaton
South Hornchurch
South Hunsley
South Inch
South Jesmond
South Kintyre
South Lake
South Lenzie
South Letham
South Middleton
South Molton
South Moor
South Morningside
South New Farm Loch
South Newsham
South Normanton East
South Normanton West
South Norwood
South Park and Woodhatch
South Parks and Macedonia
South Petherton
South Petherwin
South Portslade
South Richmond
South Ronaldsay
South Ruislip
South Tawton
South Twickenham
South Tynedale
South Weald
South West Holderness
South West Parishes
South Wigston
South Willesborough
South Woodham-Chetwood and Collingwood
South Woodham-Elmwood and Woodville
South Wootton
South Yardley
Southall Broadway
Southall Green
Southam
Southborough and High Brooms
Southborough North
Southbourne
Southbury
Southchurch
Southcoates East
Southcoates West
Southcote

Southcott
Southcourt
Southdown
Southey
Southfield
Southfield
Southfields
Southgate
Southgate
Southgate
Southgate Green
Southlands
Southmead
Southminster
Southside
Southtown and Cobholm
Southville
Southwater
Southway
Southwell East
Southwell North
Southwell West
Southwick
Southwick and Wingfield
Southwick Green
Southwold and Reydon
Sovereign
Sowerby
Sowerby Bridge
Spalding Castle
Spalding Monks House
Spalding Wygate
Sparkbrook
Sparsholt
Speen
Speke-Garston
Speldhurst and Bidborough
Spelga
Spellowfields
Spencer
Spennymoor
Speyside
Spilsby
Spinney
Spinney Hills
Spital
Spitalfields and Banglatown
Spittal
Spittal/Blairbeth
Spixworth with St Faiths

Splott
Spofforth with Lower Wharfedale
Spondon
Spotland and Falinge
Spratton
Spring Hill
Spring Hill
Spring Vale
Springbank
Springburn
Springfarm
Springfield
Springfield
Springfield North
Springhill
Springtown
Springvale and Scarning
Springwood
Sprites
Sprotbrough
Spowston Central
Spowston East
Squires Gate
St Agnes
St Aidans
St Alphege
St Andrews
St Andrews
St Andrews
St Andrews Central
St Andrews South
St Andrews South East
St Barnabas
St Barnabas
St Bartholomew
St Bartholomews
St Bartholomews
St Bees
St Benet
St Blaise
St Budeaux
St Buryan
St Charles
St Cleer and St Neot
St Clement
St Columb
St Crispin
St Cuthbert (Out) North and West
St David
St Day, Lanner and Carharrack

St Edmund and Milford
St Endellion and St Kew
St Enoder
St Erth and St Hilary
St Ewe
St Gabriels
St George East
St George West
St Georges
St Germans
St Giles
St Helens
St Helens
St Helier
St Helier
St Hilda
St Ives East
St Ives North
St Ives South
St Ives South
St Ives West
St James
St James
St James
St James
St James
St James
St James
St James
St John
St John and All Saints
St Johns
St Johns
St Johns
St Johns
St Johns East
St Johns West
St Jude
St Keverne
St Laurence
St Lawrence
St Leonards
St Leonards and St Ives East
St Leonards and St Ives West
St Loyes
St Luke
St Margaret
St Margarets and North Twickenham
St Margarets with St Nicholas
St Mark and Stratford
St Marks
St Martin and Milford

St Martins and Hinton
St Marychurch
St Marys
St Marys
St Marys
St Michael
St Michaels
St Michaels
St Michaels
St Michaels
St Michaels
St Minver
St Neots Eaton Ford
St Neots Eaton Socon
St Neots Eynesbury
St Neots Priory Park
St Nicholas
St Nicholas
St Nicholas
St Nicolas
St Nicolas
St Olaves
St Oswald
St Osyth and Point Clear
St Pancras and Somers Town
St Paul
St Paul
St Pauls
St Pauls
St Pauls
St Peter and the Waterfront
St Peters
St Peters
St Philip
St Radigunds
St Stephen
St Stephen
St Stephen
St Stephens
St Stephens
St Thomas
St Thomas
St. Agnes
St. Arvans
St. Asaph East
St. Asaph West
St. Athan
St. Cadocs and Penygarn
St. Cattwg
St. Clears

St. David Within
St. Dials
St. Dogmaels
St. Ishmael
St. James
St. James
St. John
St. Julians
St. Kingsmark
St. Machar
St. Martin
St. Martins
St. Mary
St. Paul Malmesbury Without and Sherston
St. Thomas
Stacksteads
Staina
Stainburn
Staindrop
Staines
Staines South
Stainforth and Moorends
Staining and Weeton
Stainsby Hill
Stainton and Thornton
Stairfoot
Staithe
Stakeford
Stakes
Stalham and Sutton
Stalybridge North
Stalybridge South
Stamford
Stamfordham
Stamperland
Stanborough
Stanbridge
Standish with Langtree
Standlake, Aston and Stanton Harcourt
Stane
Stanely
Stanford
Stanford
Stanford
Stanford East and Corringham Town
Stanford-le-Hope West
Stanground Central
Stanground East
Stanhope
Stanhope

Staniland North
Staniland South
Stanley
Stanley
Stanley
Stanley and Outwood East
Stanley Hall
Stanlow & Wolverham
Stanmore Park
Stannington
Stannington
Stanstead Abbots
Stansted North
Stansted South
Stansty
Stanton
Stanton
Stanton and Flamville
Stantonbury
Stanway
Stanwell
Stanwell North
Stanwick
Stanwix Rural
Stanwix Urban
Stapehill
Stapenhill
Staple Hill
Staple Tye
Stapleford North
Stapleford South East
Stapleford South West
Staplegrove
Staplehurst
Starbeck
Startforth
Staveley-in-Cartmel
Staveley-in-Westmorland
Steane
Stebbing
Stechford and Yardley North
Stedham
Steeple
Steeple Claydon
Stenhouse
Stenson
Stepney
Stepping Hill
Stepps
Stevenston North



Stevenston South
Stewartfield
Stewarton
Stewarton Central
Stewarton East and Dunlop
Stewartry North
Stewartry West
Stewartstown
Stewkley
Steyning
Stickney
Stifford Clays
Stiles
Stillington
Stilton
Stithians
Stobswell
Stockbridge
Stockbridge
Stockethill
Stockland Green
Stocksbridge and Upper Don
Stocksfield with Mickley
Stockton and Napton
Stockton Heath
Stockton Town Centre
Stockwell
Stockwood
Stoke
Stoke
Stoke and Trent Vale
Stoke Bishop
Stoke Gifford
Stoke Heath
Stoke Holy Cross
Stoke Newington Central
Stoke Park
Stoke Poges
Stoke Prior
Stoke St. Gregory
Stokeclimsland
Stokenchurch and Radnage
Stokenham
Stokesay
Stokesley
Stone
Stone Bench
Stonebridge
Stonecot
Stonefield and Christchurch

Stonehaven Central
Stonehaven North and Fetteresso
Stonehaven South
Stonehouse
Stonehouse
Stonelaw
Stoneleigh
Stoneleigh
Stonesfield and Tackley
Stoney Street
Stoneygate
Stonnall
Stony Stratford
Stonydelph
Stopsley
Stormont
Stort Valley
Stotfold
Stottesdon
Stoughton
Stour
Stour
Stour Valley
Stour Valley North
Stour Valley South
Stow
Stow Hill
Stowe
Stowmarket Central
Stowmarket North
Stowmarket South
Stowupland
Stradbroke and Laxfield
Strand
Strand
Strangford
Stranmillis
Stranocum
Stranraer East
Stranraer North
Stranraer South
Stranton
Stratford Alveston
Stratford and New Town
Stratford Avenue and New Town
Stratford Guild and Hathaway
Stratford Mount Pleasant
Strathallan and Glendevon
Strathalmond
Strathbogie

Strathbrock
Strathbungo
Strathendrick
Strathkinness and St Andrews West
Strathmartine
Strathord and Logiealmond
Strathpeffer and Strathconon
Strathspey North East
Strathspey South
Strathtay and Dunkeld
Stratton
Stratton
Strawberry Fields
Stray
Streatham Hill
Streatham South
Streatham Wells
Streatlam and Whorlton
Streatley
Street North
Street South
Street West
Streetly
Strensall
Streonshalh
Stretford
Stretham
Stretton
Stromness North
Stromness South, Graemsay and North Hoy
Strood North
Strood Rural
Strood South
Stroud Green
Strouden Park
Strule
Stubbington
Studley
Sturry North
Sturry South
Sturton
Sudbrooke
Sudbury
Sudbury East
Sudbury North
Sudbury South
Sudell
Sudell
Suffield Park
Sulhamstead

Sully
Summerfield
Summerfield
Summerford
Summerham
Summerhill
Summerhill
Summerston
Summertown
Summers and Kingsmoor
Sunbury Common
Sunbury East
Sundon Park
Sundorne
Sunningdale
Sunninghill and South Ascot
Sunningwell and Wootton
Sunnybank
Sunnydale
Sunnyhurst
Sunnylands
Surbiton Hill
Surfleet
Surrey Docks
Sutherland Central
Sutherland North West
Sutton
Sutton
Sutton
Sutton
Sutton
Sutton
Sutton
Sutton
Sutton
Sutton and Mount Gould
Sutton and Reabrook
Sutton Bridge
Sutton Central
Sutton Courtenay and Appleford
Sutton Four Oaks
Sutton Green & Manor
Sutton in Ashfield Central
Sutton in Ashfield East
Sutton in Ashfield North
Sutton in Ashfield West
Sutton New Hall
Sutton North
Sutton on Sea North
Sutton on Sea South

Sutton Park
Sutton South
Sutton Trinity
Sutton Valence and Langley
Sutton Vesey
Sutton Walls
Sutton West
Sutton-at-Hone and Hawley
Sutton-in-Craven
Sutton-on-Trent
Swadlincote
Swaffham
Swainby
Swaledale
Swallowfield
Swanage North
Swanage South
Swanley Christchurch and Swanley Village
Swanley White Oak
Swanmore and Newtown
Swanscombe
Swanside
Swanspool
Swanton Morley
Swanwick
Swatragh
Swavesey
Swaythling
Sweeney and Trefonen
Sweyne Park
Swindon Village
Swineshead and Holland Fen
Swinton
Swinton North
Swinton South
Swiss Cottage
Swiss Valley
Swynnerton
Sydenham
Sydenham
Symonds Green
Syon
System East
System West
Tachbrook
Tadburn
Tadcaster East
Tadcaster West
Tadley North
Tadley South

Tadworth and Walton
Taffs Well
Taghnevan
Tai-bach
Tain East
Tain West
Takeley and the Canfields
Talbot
Talbot and Branksome Woods
Talbot Green
Tale Vale
Talgarth
Talke
Talybont-on-Usk
Talysarn
Tamarside
Tamarside
Tandragee
Tanfield
Tanfield
Tangmere
Tanhouse
Tankerton
Tannochside
Tanworth
Taplow
Tarbolton Symington Craigie
Tardebigge
Tardy Gate
Tarleton
Tarporley & Oulton
Tarring
Tarves
Tarvin
Tasburgh
Tatsfield and Titsey
Tattenhall
Tattenhams
Tatworth and Forton
Taunton Blackbrook and Holway
Taunton Eastgate
Taunton Fairwater
Taunton Halcon
Taunton Killams and Mountfield
Taunton Lyngford
Taunton Manor and Wilton
Taunton Pyrland and Rowbarton
Tavanagh
Taverham North
Taverham South

Taverner
Tavistock North
Tavistock South
Tavistock South West
Taw
Taw Vale
Tawe-Uchaf
Tay Bridges
Tayport and Motray
Teddington
Teesville
Teigl
Teign Valley
Teignbridge North
Teignmouth Central
Teignmouth East
Teignmouth West
Teith
Telegraph Hill
Teme Valley
Templar
Temple
Temple Newsam
Templehall East
Templehall West
Templepatrick
Tempo
Tenbury
Tenby: North
Tenby: South
Tenterden North
Tenterden South
Termon
Terriers and Amersham Hill
Tetbury
Tetford
Tetney
Tettenhall Regis
Tettenhall Wightwick
Teversham
Teviot and Central
Tewkesbury Newtown
Tewkesbury Town with Mitton
Teynham and Lynsted
Thame North
Thame South
Thames
Thames
Thames Ditton
Thames Head

Thamesfield
Thamesmead East
Thamesmead Moorings
Thanet Villages
Thatcham Central
Thatcham North
Thatcham South and Crookham
Thatcham West
Thatto Heath
Thaxted
The Abingtons
The Alresfords
The Astons and Heyfords
The Bartons
The Beacon
The Birches
The Chesterfords
The Cut
The Cuts
The Diamond
The Eastons
The Elms
The Hangers and Forest
The Havens
The Hemingfords
The Highlands
The Homesteads
The Lane
The Lawns
The Littletons
The Loop
The Lower Tarrantes
The Lydiards and Broad Town
The Mall
The Mills
The Mordens
The Mount
The Nedge
The Raynhams
The Risboroughs
The Rodings
The Runtons
The Saints
The Saints
The Sampfords
The Shelfords and Stapleford
The Stanleys
The Stonhams
The Stours
The Swaffhams



The Three Colnes
The Vow
The Wilbrahams
The Wolds
The Wooburns
The Wrythe
Theale
Theobalds
Thetford-Abbey
Thetford-Castle
Thetford-Guildhall
Thetford-Saxon
Theydon Bois
Thickley
Thirsk
Thistleberry
Thonock
Thornbury North
Thornbury South
Thorne
Thornley and Wheatley Hill
Thornliebank
Thornton
Thornton and Allerton
Thornton Dale
Thornton Heath
Thornton, Stenton and Finglassie South
Thorntons
Thorntree
Thornwell
Thoroton
Thorpe
Thorpe
Thorpe Hamlet
Thorpe St Andrew North West
Thorpe St Andrew South East
Thorplands
Thorrington, Frating, Elmstead and Great Bromley
Thrapston
Three Bridges
Three Cross and Potterne
Three Elms
Three Fields
Three Moors
Three Rivers
Thringstone
Throop and Muscliff
Throston
Thrupp
Thrushel

Thundridge & Standon
Thurlby
Thurlestone
Thurlow Park
Thurlton
Thurmaston
Thurnby and Houghton
Thurncourt
Thurso Central
Thurso East
Thurso West
Thurston and Hessett
Tibberton
Tibshelf
Ticehurst and Etchingam
Tidenham
Tideswell
Tidworth, Perham Down and Ludgershall South
Tilbury Riverside and Thurrock Park
Tilbury St Chads
Tilehurst
Tilgate
Till Valley and Wylde
Tillicoultry East
Tillicoultry West
Tillingbourne
Tillingham
Tillington
Tilston
Tilton
Timperley
Timsbury
Tingewick
Tintwistle
Tipps Cross
Tipton Green
Tiptree
Tiree and Coll
Tiryrynach
Tisbury and Fovant
Titchfield
Titchfield Common
Tithe Farm
Tithebarn
Tiumpan
Tividale
Tobermore
Toddbrook
Toddington
Todmorden

Tokyngton	
Tollcross	
Tollcross Park	
Toller	
Toller	
Tollerton	
Tollerton	
Tollesbury	
Tollington	
Tollymore	
Tolsford	
Tolworth and Hook Rise	
Tonagh	
Tong	
Tonge with the Haulgh	
Tongue and Farr	
Tonna	
Ton-teg	
Tonypandy	
Tonyrefail East	
Tonyrefail West	
Toome	
Toothill and Westlea	
Tooting	
Topcliffe	
Tophill East	
Tophill West	
Topsham	
Torbrex	
Torksey	
Tormohun	
Torne Valley	
Torpoint East	
Torpoint West	
Torrington	
Torrisholme	
Torry	
Toryglen	
Totland	
Totnes Bridgetown	
Totnes Town	
Toton and Chilwell Meadows	
Tottenham Green	
Tottenham Hale	
Totteridge	
Totteridge	
Tottington	
Totton Central	
Totton East	
Totton North	

Totton South
Totton West
Tove
Tow Law and Stanley
Towcester Brook
Towcester Mill
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Tower Hamlets
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Town and Pier
Town Centre
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Town Centre
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Town Centre
Town Close
Town Moor
Town Parks
Town Parks East
Town Parks West
Townfield
Townhead
Townhead
Townhill
Townhill and Bellyeoman
Towyn
Trafalgar
Trallwng
Tranby
Tranent West
Tranent/Elphinstone
Tranent/Macmerry
Trawsfynydd
Trealaw
Trearddur
Trebanos
Tredegar Central and West
Tredegar Park

Tredington
Trefeurig
Trefnant
Treforest
Trefriw
Tregaron
Tregarth & Mynydd Llandygai
Tregolls
Treharris
Trehaverne and Gloweth
Treherbert
Trelawnyd and Gwaenysgor
Trelech
Trellech United
Tremaine
Tremeirchion
Trench
Trent
Trent
Trent Bridge
Trentham and Hanford
Treorchy
Tresco
Trescobeas
Tresham
Tressell
Treuddyn
Treverbyn
Trevethin
Trewern
Trillick
Trimleys with Kirton
Trimsaran
Tring Central
Tring East
Tring West
Trinity
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Troedyraur
Troon East
Troon North
Troon South

Troon West
Troqueer
Trossachs
Trowbridge
Trowbridge Adcroft
Trowbridge College
Trowbridge Drynham
Trowbridge John of Gaunt
Trowbridge Park
Trowell
Truesdale
Trull
Trumpington
Trusthorpe and Mablethorpe South
Tryst
Trysull and Seisdon
Tudhoe
Tudno
Tudor
Tudor
Tudur
Tudweiliog
Tuebrook and Stoneycroft
Tuffley
Tulketh
Tullagh
Tullos Hill
Tullycarnet
Tullyhappy
Tulse Hill
Tunstall
Tupsley
Tupton
Turkey Street
Turn Hill
Turnham Green
Turriff East
Turriff West
Turvey
Tutbury and Outwoods
Tuxford and Trent
Twerton
Twickenham Riverside
Twinbrook
Two Locks
Two Rivers
Two Rivers
Twycross and Witherley with Sheepy
Twydall
Twyford

Twyn Carno
Twyning
Tyburn
Tycroes
Tyisha
Tyldesley
Tyldesley
Tylers Green and Loudwater
Tylorstown
Tynemouth
Tyn-y-nant
Tysilio
Tywyn
Uckfield Central
Uckfield New Town
Uckfield North
Uckfield Ridgewood
Uddingston
Uddingston South/Bothwell
Udny-Slains
Udston
Uffdown
Uig
Ulgham
Ullesthorpe
Ullswater
Ulverston Central
Ulverston East
Ulverston North
Ulverston South
Ulverston Town
Ulverston West
Underdale
Underhill
Underhill
Underwood
University
University
University
University
University
University
Unst and Island of Fetlar
Unstone
Unsworth
Up Hatherley
Up Holland
Upavon
Uplands
Uplands

Upminster
Upper Bourne, Idmiston and Winterbourne
Upper Braniel
Upper Colne
Upper Corvedale
Upper Culm
Upper Cwmbran
Upper Deeside
Upper Edmonton
Upper Glenshane
Upper Gornal and Woodsetton
Upper Langlee and Ladhope
Upper Loughor
Upper Lune Valley
Upper Malone
Upper Meon Valley
Upper North Tyne
Upper Norwood
Upper Sound, Gulberwick and Quarff
Upper Springfield
Upper Stoke
Upper Wensum
Upper Wharfedale
Upper Yare
Upper Yeo
Upper Ythan
Upperby
Upperlands
Upperton
Uppingham
Upton
Upton
Upton
Upton and Hanley
Upton Grange
Upton Grey and The Candovers
Upton Snodsbury
Upton St Leonards
Upton Westlea
Upwell and Delph
Upwey and Broadway
Upwood and The Raveleys
Urchfont
Urmston
Urpeth
Usk
Uwch Conwy
Uwchaled
Uxbridge North
Uxbridge South





Village
Village
Vincent Square
Vintry
Virginia Water
Vivary Bridge
Waddesdon
Waddingham and Spital
Waddington and West Bradford
Waddington West
Waddon
Wadebridge
Wadhurst
Wainbody
Wainfelin
Wainfleet and Friskney
Wainford
Wakefield East
Wakefield North
Wakefield Rural
Wakefield South
Wakefield West
Walberswick and Wenhaston
Walberton
Walbrook
Walcot
Walcot
Walderslade
Waldingfield
Waldon
Waldron
Wales
Walgrave
Walkden North
Walkden South
Walker
Walkergate
Walkern
Walkham
Walkley
Wall End
Wallace
Wallace Park
Wallacewell
Wallasey
Wallingford North
Wallington North
Wallington South
Wallisdown and Winton West
Walls, Sandness and Clousta

Wallsend
Wallyford/Whitecraig
Walmer
Walney North
Walney South
Walpole
Walpole
Walsingham
Waltham
Waltham Abbey High Beach
Waltham Abbey Honey Lane
Waltham Abbey North East
Waltham Abbey Paternoster
Waltham Abbey South West
Waltham Cross
Waltham-on-the-Wolds
Walton
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Walton
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Walton
Walton Ambleside
Walton Central
Walton Court and Hawkslade
Walton North
Walton Park
Walton South
Walton-le-Dale
Walverden
Wampool
Wandle Valley
Wandsworth Common
Wanney
Wanstead
Wantage Charlton
Wantage Segsbury
Warboys and Bury
Warbreck
Warbreck
Warcop
Ward 1
Ward 10
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Ward 6	
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Ward 8	
Ward 9	
Warden and Newbrough	
Warden Hill	
Wardle and West Littleborough	
Wardley and Leam Lane	
Wardoun	
Ware Chadwell	
Ware Christchurch	
Ware Trinity	
Wareham	
Warfield Harvest Ride	
Waringstown	
Wark	
Warkton	
Warkworth	
Warley	
Warley	
Warlingham East and Chelsham and Farleigh	
Warlingham West	
Warminster East	
Warminster West	
Warndon	
Warndon Parish North	
Warndon Parish South	
Warnell	
Warners End	
Warren	
Warren Park	
Warrenfield	
Warsash	
Warton	
Warton and Westby	
Warwick	
Warwick North	
Warwick South	
Warwick West	
Waseley	
Washburn	
Washford	
Washing Bay	
Washington	

Washington Central
Washington East
Washington North
Washington South
Washington West
Washwood Heath
Watchet
Watchetts
Watcombe
Water Orton
Water Park
Water Works
Waterbeach
Waterhead
Waterhouse Farm
Wateringbury
Waterlees
Waterloo
Waterloo
Waterside
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Wath
Wathvale
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Watlington
Watlington
Watsonville
Watton
Watton-at-Stone
Waunfawr
Waver
Waverton
Wavertree
Waxham
Way
Wayland
Weald Central
Weald East
Weald North
Weald South
Wealdstone
Weaponness
Weaste and Seedley
Weaver
Weaverham
Weavers

Weddington
Wedmore and Mark
Wednesbury North
Wednesbury South
Wednesfield North
Wednesfield South
Weedon
Weedon
Week St Mary and Whitstone
Weensland
Weeping Cross
Weeting
Weetslade
Weetwood
Welbeck
Welford
Welford
Welham Green
Welland
Wellesbourne
Wellhall/Earnock
Wellington
Wellington
Wellington East
Wellington North
Wellington Rockwell Green and West
Wells
Wells Central
Wells Green
Wellshill
Wellswood
Wellwood and Headwell
Welsh Harp
Welshpool Castle
Welshpool Gungrog
Welshpool Llanerchydol
Welton
Welwyn North
Welwyn South
Wem Brook
Wem East
Wem Rural
Wem West
Wembley Central
Wembury and Brixton
Wemyss and Muiredge
Wenden Lofts
Wendover
Wendron
Wenneye

Wensley Fold	
Wensleydale	
Wensum	
Wensum	
Wenvoe	
Weoley	
Werneth	
Werrington	
Werrington North	
Werrington South	
Wescott	
Wessex	
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West Auckland	
West Barnes	
West Bay	
West Bergholt and Eight Ash Green	
West Bromwich Central	
West Byfleet	
West Chesterton	
West Craven	
West Cross	
West Dart	
West Derby	
West Downs	
West Drayton	
West Dyke	
West Ecclesfield	
West End	
West End	
West End	
West End North	
West End South	
West Ewell	
West Ferry	
West Finchley	
West Flegg	
West Gosforth	
West Green	
West Green	
West Guiltcross	
West Haddon and Guilsborough	

West Hallam and Dale Abbey
West Ham
West Hampstead
West Harrow
West Helensburgh and Rhu
West Hendon
West Heywood
West Highcliffe
West Hill
West Hill
West Hunsbury
West Kilbride
West Kirby and Thurstaston
West Kirkintilloch and Torrance
West Leigh
West Linton and District
West Mains
West Malling and Leybourne
West Marsh
West Mersea
West Middleton
West Monkton
West Moors
West Park
West Park
West Poldens
West Purbeck
West Putney
West Quantock
West Ruislip
West Selkley
West Shoebury
West Southbourne
West St Leonards
West Thornton
West Thurrock and South Stifford
West Twickenham
West Tynedale
West Wickham
West Winch
West Wittering
Westborough
Westborough
Westbourne
Westbourne
Westbourne
Westbourne and West Cliff
Westbrook
Westbrook
Westbury Ham



Westbury Laverton
Westbury-on-Trym
Westcotes
Westcott
Westcourt
Westerham and Crockham Hill
Westerhope
Westerleigh
Western
Western and Mere
Western Parishes
Western Park
Western Springs
Westerton
Westerwood, Carrickstone and Dullatur
Westexe
Westfield
Westfield
Westfield and Dean
Westgate
Westgate
Westgate
Westgate
Westgate
Westgate
Westgate-on-Sea
Westham East
Westham North
Westham West
Westheath
Westhill and Smithton
Westhill Central
Westhoughton North and Chew Moor
Westhoughton South
Westland
Westlands
Westminster
Westmoreland
Westoe
Weston
Weston
Weston and Meir North
Weston and Moulton
Weston and Sandon
Weston Green
Weston Rhyn
Westoning and Tingrith
Weston-super-Mare Central
Weston-super-Mare Clarence and Uphill
Weston-super-Mare East

Weston-super-Mare Milton and Old Worle
Weston-super-Mare North Worle
Weston-super-Mare South
Weston-super-Mare South Worle
Weston-super-Mare West
Westville and Alvington
Westward Ho!
Westway
Westwood
Westwood
Westwoodhill
Westworth
Wetheral
Wetherby
Wetheringsett
Wexham and Iver West
Wexham Lea
Wey Valley
Weybridge North
Weybridge South
Weymouth East
Weymouth West
Whaddon
Whalebone
Whaley Bridge
Whalley
Whalley Range
Whalsay/Skerries
Whaplode
Wharfedale
Wharrels
Wheatbottom and Helmington Row
Wheathampstead
Wheatley
Wheatley
Wheatley
Wheaton Aston, Bishopswood and Lapley
Wheelton and Withnell
Wheldrake
Whickham North
Whickham South and Sunnyside
Whimble
Whinell
Whinhall
Whipton & Barton
Whissendine
Whiston North
Whiston South
Whitburn and Marsden
Whitby

Whitby West Cliff	
Whitchurch	
Whitchurch and Tongwynlais	
Whitchurch North	
Whitchurch Park	
Whitchurch Rural	
Whitchurch South	
Whitchurch West	
White Hart Lane	
White Horse	
Whitechapel	
Whitcroft	
Whitefield	
Whitefield	
Whitefield	
Whitefoot	
Whitegate	
Whitehall	
Whitehead	
Whitehill	
Whitehill	
Whitehill	
Whitehill Chase	
Whitehill Deadwater	
Whitehill Hogmoor	
Whitehill Pinewood	
Whitehill Walldown	
Whitehills	
Whitehouse	
Whitehouse	
Whitehouse	
Whiteleas	
Whiteley	
Whiterock	
Whitespots	
Whitstone	
Whitstonecliffe	
Whitwell	
Whitfield	
Whitfield	
Whitfield	
Whitford	
Whitford	
Whithorn	
Whitland	
Whitley	
Whitley	
Whitley Bay	
Whitnash	
Whittingham	

Whittington
Whittington
Whittle Hall
Whittlefield with Ightenhill
Whittlesford
Whittlewood
Whitton
Whitton
Whitton
Whitwell
Whitwick
Whixhall
Whoberley
Whyteleafe
Wibsey
Wick
Wick
Wick West
Wick with Toddington
Wickersley
Wickford Castledon
Wickford North
Wickford Park
Wickham
Wickham Bishops and Woodham
Wickham Market
Wickhambrook
Wicklewood
Wicksteed
Widcombe
Widewater
Wigan Central
Wigan West
Wiggenhall
Wigmore
Wigston All Saints
Wigston Fields
Wigston Meadowcourt
Wigton
Wigtown
Wildridings and Central
Willaston
Willaston & Thornton
Willenhall North
Willenhall South
Willerby and Kirk Ella
Willes
Willesden Green
William Morris
Willingdon

Willingham and Over
Willington and Findern
Willington Central
Willington West End
Williton
Willoughby with Sloothby
Wilmington
Wilnecote
Wilpshire
Wilshamstead
Wilsthorpe
Wilton
Wilton
Wimbish and Debden
Wimbledon Park
Wimblington
Wimborne Minster
Wimbotsham with Fincham
Wincanton
Winchcombe
Wincheap
Winchmore Hill
Windermere Applethwaite
Windermere Bowness North
Windermere Bowness South
Windermere Town
Windhill and Wrose
Windle
Windlesham
Windmill Hill
Windmill Hill
Windsor
Windsor Hill
Windwhistle
Windy Nook and Whitehills
Windygates, Star and Balgonie
Winford
Winfrith
Wing
Wingate
Wingerworth
Wingfield
Wingfield
Wingrave
Wingrove
Winkfield and Cranbourne
Winklebury
Winkleigh
Winlaton and High Spen
Winnersh

Winsford Dene
Winsford Gravel
Winsford Over
Winsford Swanlow
Winsford Verdin
Winsford Wharton
Winshill
Winslow
Winstanley
Winstanley
Winster and South Darley
Winterborne St Martin
Winterbourne
Winterslow
Winthorpe
Winthorpe
Winton
Winton
Winton East
Winyates
Wirksworth
Wisborough Green
Wish
Wishing Tree
Wissey
Wissey
Wistanstow with Hopesay
Wistaston Green
Wiston
Wiswell and Pendleton
Witham
Witham Chipping Hill and Central
Witham North
Witham South
Witham Valley
Witham West
Withdean
Witheridge
Withern with Stain
Withersfield
Withington
Witley and Hambledon
Witnesham
Witney Central
Witney East
Witney North
Witney South
Witney West
Wiveliscombe and West Deane
Wivenhoe Cross

Wivenhoe Quay
Wiverton
Woburn
Wokingham Without
Wold View
Woldingham
Wolds
Wolds
Wolds
Wolds Weighton
Wollaston
Wollaston and Stourbridge Town
Wollaton East and Lenton Abbey
Wollaton West
Wolsingham and Witton-le-Wear
Wolstanton
Wolvercote
Wolverley
Wolverton
Wolvey
Wombourne North and Lower Penn
Wombourne South East
Wombourne South West
Wombwell
Wonston and Micheldever
Wood Street
Woodborough
Woodburn
Woodbury
Woodbury and Lympstone
Woodcote
Woodcote
Woodfield
Woodfield
Woodford
Woodford
Woodhall
Woodhall Spa
Woodham
Woodham
Woodhead/Meikle Earnock
Woodhill East
Woodhill West
Woodhouse
Woodhouse
Woodhouse
Woodhouse Close
Woodhouse Park
Woodingdean
Woodlands

Woodlands
Woodlands
Woodlands
Woodlands
Woodlands North and Girdle Toll
Woodmill
Woodside
Woodside
Woodside
Woodside
Woodside
Woodstock
Woodstock
Woodstock
Woodstock and Bladon
Woodthorpe
Woodvale
Woodvale
Woodville
Woodville
Wool
Woolavington
Wooler
Woolpit
Woolsington
Woolston
Woolton
Woolwich Common
Woolwich Riverside
Woore
Wootton
Wootton
Wootton Bassett North
Wootton Bassett South
Worcester Park
Wordsley
Worfield
Worksop East
Worksop North
Worksop North East
Worksop North West
Worksop South
Worksop South East
Worlingham
Worlingworth
Wormholt and White City
Wormley & Turnford
Wormsley Ridge
Worplesdon
Worsbrough



Worsley
Worsley
Worsley Mesnes
Worstead
Worth Valley
Worthen
Wotton-under-Edge
Woughton
Wragby
Wraxall and Long Ashton
Wreake Villages
Wrenbury
Wrentham
Wrenthorpe and Outwood West
Wribbenhall
Wrightington
Wrington
Writtle
Wrockwardine
Wrockwardine Wood and Trench
Wrotham
Wroughton and Chiseldon
Wroxall and Godshill
Wroxham
Wroxton
Wyberton
Wybunbury
Wye
Wyesham
Wyke
Wyke
Wyke Regis
Wyken
Wylam
Wymondham
Wynchurch
Wyndford
Wynnstay
Wyresdale
Wythall South
Y Felinheli
Yapton
Yarborough
Yarborough
Yardley
Yarm
Yarmouth North
Yarnton, Gosford and Water Eaton
Yarty
Yate Central

Yate North
Yate West
Yateley East
Yateley North
Yateley West
Yatton
Yaxley and Farcet
Yeading
Yealmpton
Yeldham
Yell
Yelvertoft
Yeo
Yeo Valley
Yeovil Central
Yeovil East
Yeovil South
Yeovil West
Yeovil Without
Yetminster
Yew Tree
Yewdale
Yiewsley
Ynysawdre
Ynyscedwyn
Ynysddu
Ynyshir
Ynysybwl
Yoker
Yoxall
Yoxford
Yscir
Ystalyfera
Ystrad
Ystrad Mynach
Ystradgynlais
Ystwyth
Ythan
Zetland
Zetland

## teachernet [teachernet]

### Church of England Diocese

BAT	Bath & Wells
BIR	Birmingham
BLA	Blackburn

BRA	Bradford
BRI	Bristol
CAN	Canterbury
CAR	Carlisle
CHE	Chelmsford
CHI	Chichester
CHS	Chester
COV	Coventry
DER	Derby
DUR	Durham
ELY	Ely
EXE	Exeter
GLO	Gloucester
GUI	Guildford
HER	Hereford
LEI	Leicester
LIC	Lichfield
LIN	Lincoln
LIV	Liverpool
LON	London
MAN	Manchester
NEW	Newcastle
NOR	Norwich
OXF	Oxford
PET	Peterborough
POR	Portsmouth
RIP	Ripon
ROC	Rochester
SAL	Salisbury
SHE	Sheffield
SOD	Sodor & Man
SOU	Southwark
SOW	Southwell
STA	St Albans
STE	St Edmundsbury & Ipswich
TRU	Truro
WAK	Wakefield
WIN	Winchester
WOR	Worcester
YOR	York

## Ethnicity Code

AAFR	African Asian
ABAN	Bangladeshi
AIND	Indian
AKAO	Kashmiri Other
AKPA	Kashmiri Pakistani
AMPK	Mirpuri Pakistani
ANEP	Nepali
AOPK	Other Pakistani
AOTA	Other Asian
AOTH	Any Other Asian Background
APKN	Pakistani
ASLT	Sri Lankan Tamil
ASNL	Sinhalese
BAFR	Black - African
BANN	Black - Angolan
BAOF	Other Black African
BCON	Black - Congolese
BCRB	Black Caribbean
BEUR	Black European
BGHA	Black - Ghanaian
BNAM	Black North American
BNGN	Black - Nigerian
BOTB	Other Black
BOTH	Any Other Black Background
BSLN	Black - Sierra Leonian
BSOM	Black - Somali
BSUD	Black - Sudanese
CHKC	Hong Kong Chinese
CHNE	Chinese
CMAL	Malaysian Chinese
COCH	Other Chinese
CSNG	Singaporean Chinese
CTWN	Taiwanese
MABL	Asian and Black
MACH	Asian and Chinese
MAOE	Asian and Any Other Ethnic Group
MBCH	Black and Chinese
MBOE	Black and Any Other Ethnic Group
MCOE	Chinese and Any Other Ethnic Group

MOTH	Any Other Mixed Background
MOTM	Other Mixed Background
MWAI	White and Indian
MWAO	White and Any Other Asian Background
MWAP	White and Pakistani
MWAS	White and Asian
MWBA	White and Black African
MWBC	White and Black Caribbean
MWCH	White and Chinese
MWOE	White and Any Other Ethnic Group
NOBT	Information Not Yet Obtained
OAFG	Afghan
OARA	Arab Other
OEGY	Egyptian
OFIL	Filipino
OIRN	Iranian
OIRQ	Iraqi
OJPN	Japanese
OKOR	Korean
OKRD	Kurdish
OLAM	Latin/ South/ Central American
OLEB	Lebanese
OLIB	Libyan
OMAL	Malay
OMRC	Moroccan
OOEG	Other Ethnic Group
OOTH	Any Other Ethnic Group
OPOL	Polynesian
OTHA	Thai
OVIE	Vietnamese
OYEM	Yemeni
REFU	Refused
WALB	Albanian
WBOS	Bosnian- Herzegovinian
WCRO	Croatian
WEEU	White Eastern European
WENG	White - English
WEUR	White European
WGRC	Greek Cypriot
WGRE	Greek/ Greek Cypriot

WGRK	Greek
WIRI	White - Irish
WIRT	Traveller of Irish Heritage
WITA	Italian
WKOS	Kosovan
WOTH	Any Other White Background
WOTW	White Other
WOWB	Other White British
WPOR	Portuguese
WROM	Gypsy / Roma
WSCO	White - Scottish
WSER	Serbian
WTUC	Turkish Cypriot
WTUK	Turkish
WTUR	Turkish/ Turkish Cypriot
WWEL	White - Welsh
WWEU	White Western European

## LA Id

001	BELFAST EDUCATION AND LIBRARY BOARD
002	WESTERN EDUCATION AND LIBRARY BOARD
003	NORTH EASTERN EDUCATION AND LIBRARY BOARD
004	SOUTH EASTERN EDUCATION AND LIBRARY BOARD
005	SOUTHERN EDUCATION AND LIBRARY BOARD
201	CITY OF LONDON
202	CAMDEN
203	GREENWICH
204	HACKNEY
205	HAMMERSMITH & FULHAM
206	ISLINGTON
207	KENSINGTON & CHELSEA
208	LAMBETH
209	LEWISHAM
210	SOUTHWARK
211	TOWER HAMLETS
212	WANDSWORTH
213	WESTMINSTER
301	BARKING & DAGENHAM
302	BARNET

303	BEXLEY
304	BRENT
305	BROMLEY
306	CROYDON
307	EALING
308	ENFIELD
309	HARINGEY
310	HARROW
311	HAVERING
312	HILLINGDON
313	HOUNSLOW
314	KINGSTON UPON THAMES
315	MERTON
316	NEWHAM
317	REDBRIDGE
318	RICHMOND UPON THAMES
319	SUTTON
320	WALTHAM FOREST
330	BIRMINGHAM
331	COVENTRY
332	DUDLEY
333	SANDWELL
334	SOLIHULL
335	WALSALL
336	WOLVERHAMPTON
340	KNOWSLEY
341	LIVERPOOL
342	ST HELENS
343	SEFTON
344	WIRRAL
350	BOLTON
351	BURY
352	MANCHESTER
353	OLDHAM
354	ROCHDALE
355	SALFORD
356	STOCKPORT
357	TAMESIDE
358	TRAFFORD
359	WIGAN

370	BARNSELEY
371	DONCASTER
372	ROTHERHAM
373	SHEFFIELD
380	BRADFORD
381	CALDERDALE
382	KIRKLEES
383	LEEDS
384	WAKEFIELD
390	GATESHEAD
391	NEWCASTLE UPON TYNE
392	NORTH TYNESIDE
393	SOUTH TYNESIDE
394	SUNDERLAND
420	ISLES OF SCILLY
600	SCOTLAND
601	ABERDEEN
602	ABERDEENSHIRE
603	ANGUS
604	ARGYLL & BUTE
605	CLACKMANNANSHIRE
606	DUMFRIES & GALLOWAY
607	DUNDEE
608	EAST AYRSHIRE
609	EAST DUNBARTONSHIRE
610	EAST LoTHIAN
611	EAST RENFREWSHIRE
612	EDINBURGH
613	EILEAN SIAR
614	FALKIRK
615	FIFE
616	GLASGOW
617	HIGHLAND
618	INVERCLYDE
619	MIDLoTHIAN
620	MORAY
621	NORTH AYRSHIRE
622	NORTH LANARKSHIRE
623	ORKNEY ISLANDS
624	PERTH & KINROSS



625	RENFREWSHIRE
626	SCOTTISH BORDERS
627	SHETLAND ISLANDS
628	SOUTH AYRSHIRE
629	SOUTH LANARKSHIRE
630	STIRLING
631	WEST DUNBARTONSHIRE
632	WEST LoTHIAN
633	WESTERN ISLES
660	ISLE OF ANGLESEY
661	GWYNEDD
662	CONWY
663	DENBIGHSHIRE
664	FLINTSHIRE
665	WREXHAM
666	POWYS
667	CEREDIGION
668	PEMBROKESHIRE
669	CARMARTHENSHIRE
670	SWANSEA
671	NEATH PORT TALBOT
672	BRIDGEND
673	THE VALE OF GLAMORGAN
674	RHONDDA CYNON TAFF
675	MERTHYR TYDFIL
676	CAERPHILLY
677	BLAENAU GWENT
678	TORFAEN
679	MONMOUTHSHIRE
680	NEWPORT
681	CARDIFF
701	SCOTLAND OFFSHORE ESTABLISHMENTS **
702	SERVICE CHILDREN'S EDUCATION AUTHORITY
703	OTHER OVERSEAS SCHOOLS
704	SHELL SCHOOLS
705	ISLE OF MAN
706	GUERNSEY
707	JERSEY
708	GIBRALTAR
800	BATH & NORTH EAST SOMERSET

801	BRISTOL
802	NORTH SOMERSET
803	SOUTH GLOUCESTERSHIRE
805	HARTLEPOOL
806	MIDDLESBROUGH
807	REDCAR & CLEVELAND
808	STOCKTON-ON-TEES
810	KINGSTON-UPON-HULL
811	EAST RIDING OF YORKSHIRE
812	NORTH EAST LINCOLNSHIRE
813	NORTH LINCOLNSHIRE
815	NORTH YORKSHIRE
816	YORK
820	BEDFORDSHIRE
821	LUTON
825	BUCKINGHAMSHIRE
826	MILTON KEYNES
830	DERBYSHIRE
831	DERBY
835	DORSET
836	POOLE
837	BOURNEMOUTH
840	DURHAM
841	DARLINGTON
845	EAST SUSSEX
846	BRIGHTON & HOVE
850	HAMPSHIRE
851	PORTSMOUTH
852	SOUTHAMPTON
855	LEICESTERSHIRE
856	LEICESTER
857	RUTLAND
860	STAFFORDSHIRE
861	STOKE-ON-TRENT
865	WILTSHIRE
866	SWINDON
867	BRACKNELL FOREST
868	WINDSOR & MAIDENHEAD
869	WEST BERKSHIRE
870	READING

871	SLOUGH
872	WOKINGHAM
873	CAMBRIDGESHIRE
874	PETERBOROUGH
875	CHESHIRE
876	HALTON
877	WARRINGTON
878	DEVON
879	PLYMOUTH
880	TORBAY
881	ESSEX
882	SOUTHEND-ON-SEA
883	THURROCK
884	HEREFORDSHIRE
885	WORCESTERSHIRE
886	KENT
887	MEDWAY
888	LANCASHIRE
889	BLACKBURN WITH DARWEN
890	BLACKPOOL
891	NOTTINGHAMSHIRE
892	NOTTINGHAM
893	SHROPSHIRE
894	TELFORD & WREKIN
901	AVON (PRE LGR)
902	BEDFORDSHIRE (PRE LGR)
903	BERKSHIRE (PRE LGR)
904	BUCKINGHAMSHIRE (PRE LGR)
905	CAMBRIDGESHIRE (PRE LGR)
906	CHESHIRE (PRE LGR)
907	CLEVELAND (PRE LGR)
908	CORNWALL
909	CUMBRIA
910	DERBYSHIRE (PRE LGR)
911	DEVON (PRE LGR)
912	DORSET (PRE LGR)
913	DURHAM (PRE LGR)
914	EAST SUSSEX (PRE LGR)
915	ESSEX (PRE LGR)
916	GLOUCESTERSHIRE

917	HAMPSHIRE (PRE LGR)
918	HEREFORD AND WORCESTER (PRE LGR)
919	HERTFORDSHIRE
920	HUMBERSIDE (PRE LGR)
921	ISLE OF WIGHT
922	KENT (PRE LGR)
923	LANCASHIRE (PRE LGR)
924	LEICESTERSHIRE (PRE LGR)
925	LINCOLNSHIRE
926	NORFOLK
927	NORTH YORKSHIRE (PRE LGR)
928	NORTHAMPTONSHIRE
929	NORTHUMBERLAND
930	NOTTINGHAMSHIRE (PRE LGR)
931	OXFORDSHIRE
932	SHROPSHIRE (PRE LGR)
933	SOMERSET
934	STAFFORDSHIRE (PRE LGR)
935	SUFFOLK
936	SURREY
937	WARWICKSHIRE
938	WEST SUSSEX
939	WILTSHIRE (PRE LGR)
MMM	For CTF purposes where a school has left the maintained sector
NAA	For transfer of TA and P Scales data for NAA via CTF
XXX	For CTF purposes where the LA is not known

## LA Name

ABERDEEN	
ABERDEENSHIRE	
ANGUS	
ARGYLL & BUTE	
AVON (PRE LGR)	
BARKING & DAGENHAM	
BARNET	
BARNSLEY	
BATH & NORTH EAST SOMERSET	
BEDFORDSHIRE	
BEDFORDSHIRE (PRE LGR)	
BELFAST EDUCATION AND LIBRARY BOARD	
BERKSHIRE (PRE LGR)	
BEXLEY	

BIRMINGHAM	
BLACKBURN WITH DARWEN	
BLACKPOOL	
BLAENAU GWENT	
BOLTON	
BOURNEMOUTH	
BRACKNELL FOREST	
BRADFORD	
BRENT	
BRIDGEND	
BRIGHTON & HOVE	
BRISTOL	
BROMLEY	
BUCKINGHAMSHIRE	
BUCKINGHAMSHIRE (PRE LGR)	
BURY	
CAERPHILLY	
CALDERDALE	
CAMBRIDGESHIRE	
CAMBRIDGESHIRE (PRE LGR)	
CAMDEN	
CARDIFF	
CARMARTHENSHIRE	
CEREDIGION	
CHESHIRE	
CHESHIRE (PRE LGR)	
CITY OF LONDON	
CLACKMANNANSHIRE	
CLEVELAND (PRE LGR)	
CONWY	
CORNWALL	
COVENTRY	
CROYDON	
CUMBRIA	
DARLINGTON	
DENBIGHSHIRE	
DERBY	
DERBYSHIRE	
DERBYSHIRE (PRE LGR)	
DEVON	
DEVON (PRE LGR)	
DONCASTER	
DORSET	
DORSET (PRE LGR)	
DUDLEY	
DUMFRIES & GALLOWAY	
DUNDEE	
DURHAM	
DURHAM (PRE LGR)	
EALING	

EAST AYRSHIRE
EAST DUNBARTONSHIRE
EAST LoTHIAN
EAST RENFREWSHIRE
EAST RIDING OF YORKSHIRE
EAST SUSSEX
EAST SUSSEX (PRE LGR)
EDINBURGH
EILEAN SIAR
ENFIELD
ESSEX
ESSEX (PRE LGR)
FALKIRK
FIFE
FLINTSHIRE
For CTF purposes where a school has left the maintained sector
For CTF purposes where the LA is not known
For transfer of TA and P Scales data for NAA via CTF
GATESHEAD
GIBRALTAR
GLASGOW
GLOUCESTERSHIRE
GREENWICH
GUERNSEY
GWYNEDD
HACKNEY
HALTON
HAMMERSMITH & FULHAM
HAMPSHIRE
HAMPSHIRE (PRE LGR)
HARINGEY
HARROW
HARTLEPOOL
HAVERING
HEREFORD AND WORCESTER (PRE LGR)
HEREFORDSHIRE
HERTFORDSHIRE
HIGHLAND
HILLINGDON
HOUNSLOW
HUMBERSIDE (PRE LGR)
INVERCLYDE
ISLE OF ANGLESEY
ISLE OF MAN
ISLE OF WIGHT
ISLES OF SCILLY
ISLINGTON
JERSEY
KENSINGTON & CHELSEA
KENT

KENT (PRE LGR)	
KINGSTON UPON THAMES	
KINGSTON-UPON-HULL	
KIRKLEES	
KNOWSLEY	
LAMBETH	
LANCASHIRE	
LANCASHIRE (PRE LGR)	
LEEDS	
LEICESTER	
LEICESTERSHIRE	
LEICESTERSHIRE (PRE LGR)	
LEWISHAM	
LINCOLNSHIRE	
LIVERPOOL	
LUTON	
MANCHESTER	
MEDWAY	
MERTHYR TYDFIL	
MERTON	
MIDDLESBROUGH	
MIDLOTHIAN	
MILTON KEYNES	
MONMOUTHSHIRE	
MORAY	
NEATH PORT TALBOT	
NEWCASTLE UPON TYNE	
NEWHAM	
NEWPORT	
NORFOLK	
NORTH AYRSHIRE	
NORTH EAST LINCOLNSHIRE	
NORTH EASTERN EDUCATION AND LIBRARY BOARD	
NORTH LANARKSHIRE	
NORTH LINCOLNSHIRE	
NORTH SOMERSET	
NORTH TYNESIDE	
NORTH YORKSHIRE	
NORTH YORKSHIRE (PRE LGR)	
NORTHAMPTONSHIRE	
NORTHUMBERLAND	
NOTTINGHAM	
NOTTINGHAMSHIRE	
NOTTINGHAMSHIRE (PRE LGR)	
OLDHAM	
ORKNEY ISLANDS	
OTHER OVERSEAS SCHOOLS	
OXFORDSHIRE	
PEMBROKESHIRE	
PERTH & KINROSS	

PETERBOROUGH	
PLYMOUTH	
POOLE	
PORTSMOUTH	
POWYS	
READING	
REDBRIDGE	
REDCAR & CLEVELAND	
RENFREWSHIRE	
RHONDDA CYNON TAFF	
RICHMOND UPON THAMES	
ROCHDALE	
ROTHERHAM	
RUTLAND	
SALFORD	
SANDWELL	
SCOTLAND	
SCOTLAND OFFSHORE ESTABLISHMENTS **	
SCOTTISH BORDERS	
SEFTON	
SHEFFIELD	
SHELL SCHOOLS	
SHETLAND ISLANDS	
SHROPSHIRE	
SHROPSHIRE (PRE LGR)	
SLOUGH	
SOLIHULL	
SOMERSET	
SOUTH AYRSHIRE	
SOUTH EASTERN EDUCATION AND LIBRARY BOARD	
SOUTH GLOUCESTERSHIRE	
SOUTH LANARKSHIRE	
SOUTH TYNESIDE	
SOUTHAMPTON	
SOUTHEND-ON-SEA	
SOUTHERN EDUCATION AND LIBRARY BOARD	
SOUTHWARK	
ST HELENS	
STAFFORDSHIRE	
STAFFORDSHIRE (PRE LGR)	
STIRLING	
STOCKPORT	
STOCKTON-ON-TEES	
STOKE-ON-TRENT	
SUFFOLK	
SUNDERLAND	
SURREY	
SUTTON	
SWANSEA	
SWINDON	



TAMESIDE	
TELFORD & WREKIN	
THE VALE OF GLAMORGAN	
THURROCK	
TORBAY	
TORFAEN	
TOWER HAMLETS	
TRAFFORD	
WAKEFIELD	
WALSALL	
WALTHAM FOREST	
WANDSWORTH	
WARRINGTON	
WARWICKSHIRE	
WEST BERKSHIRE	
WEST DUNBARTONSHIRE	
WEST LoTHIAN	
WEST SUSSEX	
WESTERN EDUCATION AND LIBRARY BOARD	
WESTERN ISLES	
WESTMINSTER	
WIGAN	
WILTSHIRE	
WILTSHIRE (PRE LGR)	
WINDSOR & MAIDENHEAD	
WIRRAL	
WOKINGHAM	
WOLVERHAMPTON	
WORCESTERSHIRE	
WREXHAM	
YORK	

## Languages

ACL	Acholi
ADA	Adangme
AFA	Afar-Saho
AFK	Afrikaans
AKA	Akan/Twi-Fante
AKAF	Akan (Fante)
AKAT	Akan (Twi/Asante)
ALB	Albanian/Shqip
ALU	Alur
AMR	Amharic
ARA	Arabic
ARAA	Arabic (Any Other)

ARAG	Arabic (Algeria)
ARAI	Arabic (Iraq)
ARAM	Arabic (Morocco)
ARAS	Arabic (Sudan)
ARAY	Arabic (Yemen)
ARM	Armenian
ASM	Assamese
ASR	Assyrian/Aramaic
AYB	Anyi-Baule
AYM	Aymara
AZE	Azeri
BAI	Bamileke (Any)
BAL	Balochi
BEJ	Beja/Bedawi
BEL	Belarusian
BEM	Bemba
BHO	Bhojpuri
BIK	Bikol
BLT	Balti Tibetan
BMA	Burmese/Myanma
BNG	Bengali
BNGA	Bengali (Any Other)
BNGC	Bengali (Chittagong/Noakhali)
BNGS	Bengali (Sylheti)
BSL	British Sign Language
BSQ	Basque/Euskara
BUL	Bulgarian
CAM	Cambodian/Khmer
CAT	Catalan
CCE	Caribbean Creole English
CCF	Caribbean Creole French
CGA	Chaga
CGR	Chattisgarhi/Khatahi
CHE	Chechen
CHI	Chinese
CHIA	Chinese (Any Other)
CHIC	Chinese (Cantonese)
CHIH	Chinese (Hokkien/Fujianese)
CHIK	Chinese (Hakka)
CHIM	Chinese (Mandarin/Putonghua)

CKW	Chokwe
CRN	Cornish
CTR	Chitrali/Khowar
CWA	Chichewa/Nyanja
CYM	Welsh/Cymraeg
CZE	Czech
DAN	Danish
DGA	Dagaare
DGB	Dagbane
DIN	Dinka/Jieng
DUT	Dutch/Flemish
DZO	Dzongkha/Bhutanese
EBI	Ebira
EDO	Edo/Bini
EFI	Efik-Ibibio
ENB	Believed to be English*
ENG	English*
ESA	Esan/Ishan
EST	Estonian
EWE	Ewe
EWO	Ewondo
FAN	Fang
FIJ	Fijian
FIN	Finnish
FON	Fon
FRN	French
FUL	Fula/Fulfulde-Pulaar
GAA	Ga
GAE	Gaelic/Irish
GAL	Gaelic (Scotland)
GEO	Georgian
GER	German
GGO	Gogo/Chigogo
GKY	Kikuyu/Gikuyu
GLG	Galician/Galego
GRE	Greek
GREa	Greek (Any Other)
GREc	Greek (Cyprus)
GRN	Guarani
GUJ	Gujarati

GUN	Gurenne/Frafra
GUR	Gurma
HAU	Hausa
HDK	Hindko
HEB	Hebrew
HER	Herero
HGR	Hungarian
HIN	Hindi
I BA	Iban
IDM	Idoma
IGA	Igala
IGB	Igbo
IJO	Ijo (Any)
ILO	Ilokano
ISK	Itsekiri
ISL	Icelandic
ITA	Italian
ITAA	Italian (Any Other)
ITAN	Italian (Napoletan)
ITAS	Italian (Sicilian)
JAV	Javanese
JIN	Jinghpaw/Kachin
JPN	Japanese
KAM	Kikamba
KAN	Kannada
KAR	Karen (Any)
KAS	Kashmiri
KAU	Kanuri
KAZ	Kazakh
KCH	Katchi
KGZ	Kirghiz/Kyrgyz
KHA	Khasi
KHY	Kihaya/Luziba
KIN	Kinyarwanda
KIR	Kirundi
KIS	Kisi (West Africa)
KLN	Kalenjin
KMB	Kimbundu
KME	Kimeru
KNK	Konkani

KNY	Kinyakyusa-Ngonde
KON	Kikongo
KOR	Korean
KPE	Kpelle
KRI	Krio
KRU	Kru (Any)
KSI	Kisii/Ekegusii (Kenya)
KSU	Kisukuma
KUR	Kurdish
KURA	Kurdish (Any Other)
KURM	Kurdish (Kurmanji)
KURS	Kurdish (Sorani)
LAO	Lao
LBA	Luba
LBAC	Luba (Chiluba/Tshiluba)
LBAK	Luba (Kiluba)
LGA	Luganda
LGB	Lugbara
LGS	Lugisu/Lumasaba
LIN	Lingala
LIT	Lithuanian
LNG	Lango (Uganda)
LOZ	Lozi/Silozi
LSO	Lusoga
LTV	Latvian
LTZ	Luxemburgish
LUE	Luvale/Luena
LUN	Lunda
LUO	Luo (Kenya/Tanzania)
LUY	Luhya (Any)
MAG	Magahi
MAI	Maithili
MAK	Makua
MAN	Manding/Malinke
MANA	Manding/Malinke (Any Other)
MANB	Bambara
MANJ	Dyula/Jula
MAO	Maori
MAR	Marathi
MAS	Maasai

MDV	Maldivian/Dhivehi
MEN	Mende
MKD	Macedonian
MLG	Malagasy
MLM	Malayalam
MLT	Maltese
MLY	Malay/Indonesian
MLYA	Malay (Any Other)
MLYI	Indonesian/Bahasa Indonesia
MNA	Magindanao-Maranao
MNG	Mongolian (Khalkha)
MNX	Manx Gaelic
MOR	Moore/Mossi
MSC	Mauritian/Seychelles Creole
MUN	Munda (Any)
MYA	Maya (Any)
NAH	Nahuatl/Mexicano
NAM	Nama/Damara
NBN	Nubian (Any)
NDB	Ndebele
NDBS	Ndebele (South Africa)
NDBZ	Ndebele (Zimbabwe)
NEP	Nepali
NOR	Norwegian
NOT	Information not obtained*
NUE	Nuer/Naadh
NUP	Nupe
NWA	Newari
NZM	Nzema
OAM	Ambo/Oshiwambo
OAMK	Ambo (Kwanyama)
OAMN	Ambo (Ndonga)
OGN	Ogoni (Any)
ORI	Oriya
ORM	Oromo
OTB	Believed to be Other than English*
OTH	Other than English*
OTL	Other Language
PAG	Pangasinan
PAM	Pampangan

PAT	Pashto/Pakhto
PHA	Pahari/Himachali (India)
PHR	Pahari (Pakistan)
PNJ	Panjabi
PNJA	Panjabi (Any Other)
PNJG	Panjabi (Gurmukhi)
PNJM	Panjabi (Mirpuri)
PNJP	Panjabi (Pothwari)
POL	Polish
POR	Portuguese
PORA	Portuguese (Any Other)
PORB	Portuguese (Brazil)
PRS	Persian/Farsi
PRSA	Farsi/Persian (Any Other)
PRSD	Dari Persian
PRST	Tajiki Persian
QUE	Quechua
RAJ	Rajasthani/Marwari
REF	Refused*
RME	Romany/English Romanes
RMI	Romani (International)
RMN	Romanian
RMNM	Romanian (Moldova)
RMNR	Romanian (Romania)
RMS	Romansch
RNY	Runyakitara
RNYN	Runyankore-Ruchiga
RNYO	Runyoro-Rutooro
RUS	Russian
SAM	Samoan
SCB	Serbian/Croatian/Bosnian
SCBB	Bosnian
SCBC	Croatian
SCBS	Serbian
SCO	Scots
SHL	Shilluk/Cholo
SHO	Shona
SID	Sidamo
SIO	Sign Language (Other)
SLO	Slovak

SLV	Slovenian
SND	Sindhi
SNG	Sango
SNH	Sinhala
SOM	Somali
SPA	Spanish
SRD	Sardinian
SRK	Siraiki
SSO	Sotho/Sesotho
SSOO	Sotho/Sesotho (Southern)
SSOT	Sotho/Sesotho (Northern)
SSW	Swazi/Siswati
STS	Tswana/Setswana
SUN	Sundanese
SWA	Swahili/Kiswahili
SWAA	Swahili (Any Other)
SWAC	Comorian Swahili
SWAK	Swahili (Kingwana)
SWAM	Swahili (Brava/Mwiini)
SWAT	Swahili (Bajuni/Tikuu)
SWE	Swedish
TAM	Tamil
TEL	Telugu
TEM	Temne
TES	Teso/Ateso
TGE	Tigre
TGL	Tagalog/Filipino
TGLF	Filipino
TGLG	Tagalog
TGR	Tigrinya
THA	Thai
TIB	Tibetan
TIV	Tiv
TMZ	Berber/Tamazight
TMZA	Berber/Tamazight (Any Other)
TMZK	Berber/Tamazight (Kabyle)
TMZT	Berber (Tamashek)
TNG	Tonga/Chitonga (Zambia)
TON	Tongan (Oceania)
TPI	Tok Pisin



TRI	Traveller Irish/Shelta
TSO	Tsonga
TUK	Turkmen
TUL	Tulu
TUM	Tumbuka
TUR	Turkish
UKR	Ukrainian
UMB	Umbundu
URD	Urdu
URH	Urhobo-Isoko
UYG	Uyghur
UZB	Uzbek
VEN	Venda
VIE	Vietnamese
VSY	Visayan/Bisaya
VSYA	Visayan/Bisaya (Any Other)
VSYH	Hiligaynon
VSYS	Cebuano/Sugbuanon
VSYW	Waray/Binisaya
WAP	Wa-Paraok (South-East Asia)
WCP	West-African Creole Portuguese
WOL	Wolof
WPE	West-African Pidgin English
XHO	Xhosa
YAO	Yao/Chiyao (East Africa)
YDI	Yiddish
YOR	Yoruba
ZND	Zande
ZUL	Zulu
ZZZ	Classification Pending

### Learning and Skills Council Area Code

BAL	Bedfordshire and Luton
BDP	Bournemouth, Dorset and Poole
BER	Berkshire
BIS	Birmingham and Solihull
CAM	Cambridgeshire
CDU	County Durham
CHW	Cheshire and Warrington

COW	Coventry and Warwickshire
CUM	Cumbria
DEC	Devon and Cornwall
DER	Derbyshire
ESS	Essex
GLO	Gloucestershire
GMA	Greater Manchester
GME	Greater Merseyside
HER	Hertfordshire
HEW	Herefordshire and Worcestershire
HIW	Hampshire and Isle of Wight
HUM	Humberside
KEM	Kent and Medway
LAN	Lancashire
LEI	Leicestershire
LIR	Lincolnshire and Rutland
LOC	London - Central
LOE	London - East
LON	London - North
LOS	London - South
LOW	London - West
LSC	National LSC (NCS)
MOB	Milton Keynes, Oxfordshire and Buckinghamshire
NOA	Northamptonshire
NOR	Norfolk
NOT	Nottinghamshire
NOU	Northumberland
NOY	North Yorkshire
SHR	Shropshire
SOM	Somerset
SOY	South Yorkshire
STA	Staffordshire
SUF	Suffolk
SUR	Surrey
SUS	Sussex
TBC	The Black Country
TEV	Tees Valley
TYW	Tyne and Wear
WEE	West of England
WEY	West Yorkshire

WIS	Wiltshire and Swindon
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## Nation States and Countries

ABW	Aruba
AFG	Afghanistan
AFI	French Territory of Afars and Issas
AGO	Angola
AIA	Anguilla
ALA	Aland Islands
ALB	Albania
AND	Andorra
ANT	Netherlands Antilles
ANT	Netherlands Antilles
ARE	United Arab Emirates
ARG	Argentina
ARM	Armenia
ASM	American Samoa
ATA	Antarctica
ATB	British Antarctic Territory
ATF	French Southern Territories
ATG	Antigua and Barbuda
ATN	Dronning Maud Land
AUS	Australia
AUT	Austria
AZE	Azerbaijan
BDI	Burundi
BEL	Belgium
BEN	Benin
BFA	Burkina Faso
BGD	Bangladesh
BGR	Bulgaria
BHR	Bahrain
BHS	Bahamas
BIH	Bosnia and Herzegovina
BLR	Belarus
BLZ	Belize
BMU	Bermuda
BOL	Bolivia
BRA	Brazil

BRB	Barbados
BRN	Brunei
BTN	Bhutan
BUR	Burma
BVT	Bouvet Island
BWA	Botswana
BYS	Byelorussian SSR
CAF	Central African Republic
CAN	Canada
CCK	Cocos (Keeling) Islands
CHE	Switzerland
CHL	Chile
CHN	China
CIV	Ivory Coast
CMR	Cameroon
COD	Congo, Democratic Republic
COG	Congo
COK	Cook Islands
COL	Colombia
COM	Comoros
CPV	Cape Verde
CRI	Costa Rica
CSK	Czechoslovakia
CTE	Canton and Enderbury Islands
CUB	Cuba
CXR	Christmas Island
CYM	Cayman Islands
CYP	Cyprus
CZE	Czech Republic
DDR	German Democratic Republic
DEU	Federal Republic of Germany
DEU	Federal Republic of Germany
DHY	Dahomey
DJI	Djibouti
DMA	Dominica
DNK	Denmark
DOM	Dominican Republic
DZA	Algeria
ECU	Ecuador
EGY	Egypt

ERI	Eritrea
ESH	Spanish Sahara
ESH	Spanish Sahara
ESP	Spain
EST	Estonia
ETH	Ethiopia
ETH	Ethiopia
FIN	Finland
FIN	Finland
FJI	Fiji
FLK	Falkland Islands
FRA	France
FRO	Faroe Islands
FSM	Micronesia
GAB	Gabon
GBR	United Kingdom
GEL	Gilbert and Ellice Islands
GEL	Gilbert and Ellice Islands
GEO	Georgia
GGY	Guernsey
GHA	Ghana
GIB	Gibraltar
GIN	Guinea
GLP	Guadeloupe
GMB	Gambia, The
GNB	Guinea-Bissau
GNQ	Equatorial Guinea
GRC	Greece
GRD	Grenada
GRL	Greenland
GTM	Guatemala
GUF	French Guiana
GUM	Guam
GUY	Guyana
HKG	Hong Kong
HMD	Heard Island and McDonald Islands
HND	Honduras
HRV	Croatia
HTI	Haiti
HUN	Hungary

HVO	Upper Volta
IDN	Indonesia
IMN	Isle of Man
IND	India
IOT	British Indian Ocean Territory
IRL	Ireland
IRN	Iran
IRQ	Iraq
ISL	Iceland
ISR	Israel
ITA	Italy
JAM	Jamaica
JEY	Jersey
JOR	Jordan
JPN	Japan
JTN	Johnston Atoll
KAZ	Kazakhstan
KEN	Kenya
KGZ	Kyrgyzstan
KHM	Cambodia
KHM	Cambodia
KIR	Kiribati
KNA	Saint Kitts and Nevis
KNA	Saint Kitts and Nevis
KOR	Korea, South
KWT	Kuwait
LAO	Laos
LBN	Lebanon
LBR	Liberia
LBY	Libya
LCA	Saint Lucia
LIE	Liechtenstein
LKA	Sri Lanka
LSO	Lesotho
LTU	Lithuania
LUX	Luxembourg
LVA	Latvia
MAC	Macao
MAR	Morocco
MCO	Monaco

MDA	Moldova
MDG	Madagascar
MDV	Maldives
MEX	Mexico
MHL	Marshall Islands
MID	Midway Islands
MKD	Macedonia
MLI	Mali
MLT	Malta
MMR	Myanmar
MNE	Montenegro
MNG	Mongolia
MNP	Northern Mariana Islands
MOZ	Mozambique
MRT	Mauritania
MSR	Montserrat
MTQ	Martinique
MUS	Mauritius
MWI	Malawi
MYS	Malaysia
MYT	Mayotte
NAM	Namibia
NCL	New Caledonia
NER	Niger
NFK	Norfolk Island
NGA	Nigeria
NHB	New Hebrides
NIC	Nicaragua
NIU	Niue
NLD	Netherlands
NOR	Norway
NPL	Nepal
NRU	Nauru
NZL	New Zealand
OMN	Oman
PAK	Pakistan
PAN	Panama
PCI	Trust Territory of the Pacific Islands
PCN	Pitcairn
PCZ	Panama Canal Zone

PER	Peru
PHL	Philippines
PLW	Palau
PNG	Papua New Guinea
POL	Poland
PRI	Puerto Rico
PRK	Korea, North
PRT	Portugal
PRY	Paraguay
PSE	Palestine
PUS	United States Miscellaneous Pacific Islands
PYF	French Polynesia
QAT	Qatar
REU	Reunion
RHO	Southern Rhodesia
ROU	Romania
RUS	Russia
RWA	Rwanda
SAU	Saudi Arabia
SCG	Serbia and Montenegro
SDN	Sudan
SEN	Senegal
SGP	Singapore
SGS	South Georgia
SHN	Saint Helena
SJM	Svalbard and Jan Mayen
SKM	Sikkim
SLB	Solomon Islands
SLE	Sierra Leone
SLV	El Salvador
SMR	San Marino
SOM	Somalia
SPM	Saint Pierre and Miquelon
SRB	Serbia
STP	Sao Tome and Principe
SUN	Union of Soviet Socialist Republics
SUR	Suriname
SVK	Slovakia
SVN	Slovenia
SWE	Sweden



SWZ	Swaziland
SYC	Seychelles
SYR	Syria
TCA	Turks and Caicos Islands
TCD	Chad
TGO	Togo
THA	Thailand
TJK	Tajikistan
TKL	Tokelau
TKM	Turkmenistan
TLS	Timor-Leste
TMP	East Timor
TON	Tonga
TTO	Trinidad and Tobago
TUN	Tunisia
TUR	Turkey
TUV	Tuvalu
TWN	Taiwan
TZA	Tanzania
UGA	Uganda
UKR	Ukraine
UKR	Ukraine
UMI	United States Minor Outlying Islands
URY	Uruguay
USA	United States
UZB	Uzbekistan
VAT	Holy See
VAT	Holy See
VCT	Saint Vincent and the Grenadines
VDR	South Vietnam
VEN	Venezuela
VGB	Virgin Islands, British
VIR	Virgin Islands, U.S.
VNM	Vietnam
VUT	Vanuatu
WAK	Wake Island
WLF	Wallis and Futuna
WSM	Samoa
YEM	Yemen
YEM	Yemen

YMD	Democratic Yemen
YUG	Yugoslavia
ZAF	South Africa
ZAR	Zaire
ZMB	Zambia
ZWE	Zimbabwe

### **Roman Catholic Diocese**

AAB	Arundel & Brighton
BIR	Birmingham
BRE	Brentwood
CAR	Cardiff
CLI	Clifton
EAS	East Anglia
HAL	Hallam
HAN	Hexham & Newcastle
LAN	Lancaster
LEE	Leeds
LIV	Liverpool
MEN	Menevia
MID	Middlesbrough
NOR	Northampton
NOT	Nottingham
PLY	Plymouth
POR	Portsmouth
SAL	Salford
SHR	Shrewsbury
SOU	Southwark
WES	Westminster
WRE	Wrexham

# Appendix D: Notes on Related Technologies

This partially normative appendix highlights technologies leveraged within SIF or related to SIF, either in their entirety or as a subset. It points out specifics casual readers of referenced documents on these technologies must not ignore when implementing SIF Zone Integration Servers and Agents.

## D.1 SIF and HTTP(S)

SIF uses a small subset of HTTP 1.1 (SIF HTTP), as defined in [Infrastructure Transport Layer](#), to promote interoperability. This section also defines a secure transport for SIF HTTP, SIF HTTPS, the required and default transport layer for use in SIF.

## D.2 SIF and URLs

Zone Integration Servers and Push-mode Agents, when using SIF HTTPS or SIF HTTP, are addressable by an `http` or `https` Uniform Resource Locator (URL). As far as HTTP is concerned, these are simply formatted strings; no assumptions should be made about their format (e.g. that all ZIS URLs consist of a host, port and Zone ID, or that all agent URLs consist of a host, port and Agent ID) beyond the `http` and `https` schemes and the constituent parts from the generic URI (Uniform Resource Identifier) syntax [\[RFC 2396\]](#).

```
http://host[:port][abs_path[?query]]  
http://host[:port][abs_path[?query]]
```

Just because one Zone Integration Server seems to follow a certain convention with regard to its URLs, e.g.:

```
http://www.YourZIS.com/YourZone
```

does not imply another Zone Integration Server will not have a completely different format for a URL, for instance:

```
http://www.ZISesAreUs.com:8080/applications/ZIS;version=2.3.1?zone=ZoneA&cust=2A9823B2
```

or that a vendor's product might not change its URL conventions.

The same applies to URLs that address Push-mode Agents; conventions for URLs, within the general formatting that applies to URLs, can and do vary widely.

Zone Integration Servers and Agents **MUST** treat SIF HTTPS and SIF HTTP URLs as whole strings, whose only format rules stem from associated standards. This promotes interoperability as Zone administrators deploy Zone Integration Servers and Agents with different Zone configurations and products from different vendors.

## D.3 SIF and XML

With its use in both Infrastructure and the SIF Data Model, SIF is greatly dependent on the structure and syntax of XML 1.0 [\[XML\]](#). SIF excludes the use of the `doctypeDecl` syntax from the optional `prolog` with which every XML document may begin. This implies that Zone Integration Servers and Agents **MUST NOT** reference an external DTD or internal DTD subset using the `doctypeDecl` production (e.g. `<!DOCTYPE SIF_Message ... !>`).

This should not be construed to imply that the rest of the XML `prolog` may not preface a SIF message, even though it never occurs in examples within this specification, being superfluous within SIF. As SIF mandates the use of XML 1.0, the character encoding of UTF-8 (contained in the HTTP `Content-Type` header), and all SIF messages are standalone due to the exclusion of `doctypeDecl` above, the values that can be communicated in the XML `prolog` are fixed within SIF. This implies that if a Zone Integration Server or Agent includes an XML `prolog` before a SIF message, it **MUST** take one of the following or equivalent forms (equivalent including case-insensitive character encoding names,

XML's choice with regard to single or double quotes and optional spacing):

```
<?xml version="1.0"?>  
<?xml version="1.0" encoding="UTF-8"?>  
<?xml version="1.0" standalone="yes"?>  
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
```

## D.4 SIF and Unicode

The character set supported in XML 1.0 is Unicode/ISO 10646, a character set designed to be universal in nature with regard to its support for previously used character sets in the computer industry, ability to represent most human languages, numbers, commonly used symbols, etc. Thus the character set supported in SIF is Unicode/ISO 10646. If a Zone Integration Server or SIF-enabled application does not support Unicode/ISO 10646 internally, it **MUST** map Unicode/ISO 10646 to its local character set upon receipt of a SIF message and **MUST** map its local character set to Unicode/ISO 10646 when sending or responding to a SIF message. To promote interoperability and prevent loss of data in these conversions, it is **RECOMMENDED** that all Zone Integration Servers and SIF-enabled applications support Unicode/ISO 10646.

SIF HTTP further requires that the Unicode/ISO 10646 character set be encoded using the UTF-8 character encoding; Zone Integration Servers and Agents **MUST** encode SIF XML messages using UTF-8. To further promote interoperability, when the SIF Infrastructure or Data Model specifies that an octet/byte-based transformation of a text/string value be stored in a given element or attribute (e.g. Base64 encoding, hash value, encrypted form), Zone Integration Servers and Agents **MUST** convert the local character set of the value to Unicode/ISO 10646 if necessary, encode the resulting value using UTF-8, then apply the specified transformation.

## D.5 SIF and XPath

SIF uses a small subset of XPath 1.0 [[XPATH](#)] in its own path syntax for referencing elements/attributes. This is defined in [SIF\\_Element Syntax](#). This document may often use the same notation in referring to nested elements and/or attributes (e.g. `Name/FirstName`, `Name/@Type`), though it may include an object as the root element whereas the SIF\_Element syntax does not (e.g. `StudentPersonal/Name/FirstName`, `StudentPersonal/@RefId`).

## D.6 SIF and XML Schema

SIFA hosts and provides XML Schemas [[SCHEMA](#)] for validating SIF messages, should Zone Integration Servers or Agents choose to perform message validation. These schemas leverage basic data types and structures as defined in that document. When these types and structures are referenced in this document they are prefixed with `xs:`.

Note that due to the ability of Zone Integration Servers and Agents to omit elements from data objects in the SIF Request/Response and SIF Event models, all elements defined as mandatory for SIF data objects in [Infrastructure](#) or [Data Model](#) and referenced common elements are defined as optional in the schema for validating any SIF\_Message. SIFA hosts and provides alternate schemas that allow for validation of these data objects where mandatory elements cannot be omitted (e.g. in a `Add` event or in a `SIF_Response` where the `SIF_Request` did not specify a specific subset of elements to be returned from matching objects).

Notes on specific XML Schema types follow:

### D.6.1 xs:boolean

Agents and Zone Integration servers **SHOULD** send values of `true` or `false`, but must understand equivalent 1 and 0 values.

### D.6.2 xs:time

Agents and Zone Integration Servers **MUST**

specify a time zone offset from UTC or indicate that the time is UTC unless the time zone is apparent locally from other elements/attributes per supplied documentation.

### D.6.3 xs:date

Agents and Zone Integration Servers **MAY**

specify a time zone offset or indicate UTC for dates, but in most cases do not need to do so unless zone activity spans great international distances.

### D.6.4 xs:dateTime

Agents and Zone Integration Servers **MUST**

specify a time zone offset from UTC or indicate that the time is UTC unless the time zone is apparent locally from other elements/attributes per supplied documentation.

Though use of a combined `xs:dateTime`

may seem a natural fit for specifying a point in time, some SIFA working groups and task forces prefer to separate `xs:dateTime` into element/attribute pairs of `xs:date` and `xs:time` per their object design/usage goals and/or for simplified querying. Applications wishing to query the date or time portion of `xs:dateTime` values may use comparison and boolean operators to do so.

## D.7 SIF and XML Namespaces

Namespaces allow XML elements and attributes to be organized into units that allow for the separation of a set of names from others, effectively allowing the integration of XML defined from various sources to be included in the same XML document without risk of name/definition collisions. SIF has since its initial release used the default namespace attribute `xmlns` [XMLNS] in the `SIF_Message` element. To a namespace-aware parser, the effective names of the elements in:

```
<SIF_Message Version="1.5r1" xmlns="http://www.sifinfo.org/infrastructure/1.x">
  <SIF_Event>...</SIF_Event>
</SIF_Message>
```

*Example D.7-1: SIF\_Message Namespace*

are conceptually:

- . `http://www.sifinfo.org/infrastructure/1.x:SIF_Message`
- . `http://www.sifinfo.org/infrastructure/1.x:SIF_Event`

with the local names:

- . `SIF_Message`
- . `SIF_Event`

To a namespace-aware parser, the effective names of these same elements in the SIF 2.x namespace:

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/infrastructure/2.x">
  <SIF_Event>...</SIF_Event>
</SIF_Message>
```

*Example D.7-2: SIF\_Message Namespace*

are conceptually:

- . `http://www.sifinfo.org/infrastructure/2.x:SIF_Message`
- . `http://www.sifinfo.org/infrastructure/2.x:SIF_Event`

with the local names:

- . SIF\_Message
- . SIF\_Event

A namespace-unaware parser simply interprets elements by their local names, and SIF 1.x and SIF 2.x elements are considered equivalent. If the local name is prefixed, a namespace-unaware parser considers the prefix and colon part of the name. To a namespace-unaware parser, `xml:lang` is named just that. To a namespace-aware parser, this is effectively `http://www.w3.org/XML/1998/namespace:lang` (the `xml` prefix is reserved in XML 1.0 and is always bound to this namespace in [XMLNS]) with a local name of `lang`.

Given the timing of the first release of SIF and the release of [Namespaces in XML \[XMLNS\]](#) it was never mandated in SIF that Zone Integration Servers and Agents be namespace-aware. Given the number of Zone Integration Servers and Agents that may at this point be namespace-unaware, it is not yet mandated that these components be namespace-aware, but this requirement may arise in a future major release of this specification. To allow for namespace-unaware parsers to reliably process SIF-defined XML by local names only, SIF messages **MUST** define the namespace for the corresponding SIF version as the default namespace of `SIF_Message` as documented in [SIF\\_Message](#).

Furthermore, given the gradual proliferation of XML defined in other namespaces appearing in SIF XML, the following prefix-to-namespace mappings **MUST** be used should elements from these namespaces occur in SIF messages, to allow namespace-unaware parsers to reliably interpret names in these namespaces by local name:

Prefix	Namespace	Declaration
xml	<code>http://www.w3.org/XML/1998/namespace</code>	This is bound and fixed by default without declaration.
xsi	<code>http://www.w3.org/2001/XMLSchema-instance</code>	<code>xmlns:xsi="http://www.w3.org/2001/XMLSchema-insta</code>
xs	<code>http://www.w3.org/2001/XMLSchema</code>	<code>xmlns:xs="http://www.w3.org/2001/XMLSchema"</code>

It is [RECOMMENDED](#)

that other namespaces occurring in SIF messages (e.g. XML from outside SIF included in assessments, exchange of student records, etc.) have fixed prefix mappings, but it is not required. Affected elements **MAY** locally change the default namespace as desired, given that the default namespace for the `SIF_Message` as a whole remains the namespace for the corresponding SIF version.

When a fixed prefix is not defined for a given namespace, a namespace-unaware agent will be unable to reliably process these elements by name when prefixes vary, and must become namespace-aware to do so. XML not defined by SIF that in turn contains SIF-defined XML **MAY** reference SIF XML by its own prefix mapping rather than specifying the namespace of the corresponding SIF version as the default namespace using `xmlns`.

It is [RECOMMENDED](#)

that as Zone Integration Servers and Agents are updated in their release schedules, they use namespace-aware parsers or parser options if they are not doing so already.

## D.8 SIF and UUIDs/GUIDs

SIF leverages Universally Unique Identifiers (UUIDs), or Globally Unique Identifiers (GUIDs), as message and object identifiers, or primary keys, and occasionally for element identifiers internal to objects, per [\[RFC 4122\]](#). Note that SIF defines its own textual representation for GUIDs, uppercase and un-hyphenated (e.g.

`F81D4FAE7DEC11D0A76500A0C91E6BF6` vs. `f81d4fae-7dec-11d0-a765-00a0c91e6bf6`). It should also be noted with SIF being a distributed system, to avoid the possibility of GUID collisions, especially in the SIF data model, systems generating GUIDs **SHOULD**

use version 1 GUIDs which are unique in space as well as time when an IEEE 802 MAC address is available.

Systems **MAY**

use version 4 GUIDs which use a (pseudo-)random number-based algorithm if an IEEE 802 MAC address is unavailable or if the inclusion of that address in a GUID poses a compromising security risk.

## D.9 SIF and Web Services

SIF is a web service, "a software system designed to support interoperable machine-to-machine interaction over a network [WSARCH]." It is not a Web Service, as it lacks "an interface described in a machine-processable format (specifically WSDL) [WSARCH]." To meet this requirement and produce the Web Services Definition Language (WSDL) definition for SIF is a trivial exercise, creating a WSDL HTTP POST binding for the SIF\_Message-in/SIF\_Message-out exchange that describes the SIF HTTP(S) transport layer between Agents and ZIS, and between ZIS and Push-mode Agents. But the binding would be just that, a simple SIF\_Message-in/SIF\_Message-out exchange that doesn't capture the richness of the SIF infrastructure or necessarily provide the interoperability resulting from the precise definition of SIF HTTP(S). To do so and to meet the final requirement of a Web Service per [WSARCH], the use of SOAP messages, would require redefinition of much of SIF using SOAP messages. SIFA's Web Services Task Force has determined that this exercise has little value currently, given SIF's precisely defined transport layer and installed base. The task force has left it as a future task how to best leverage Web Services in the future of SIF's infrastructure, if at all. In the meantime, the task force has, however, decided to provide a Web Services interface that provides external systems access to the rich amount of data available in SIF Zones via its own specification [SIF Reporting WS]. Future opportunities to provide additional services may be identified.

# Appendix E: Wildcard Version Support Implementation Notes

Agents that register the ability to receive `SIF_Message`s defined by any number of different SIF Implementation Specification versions by using [version wildcards](#) in `SIF_Register/SIF_Version` and `SIF_Request/SIF_Version` may receive messages defined by specification versions that did not exist at the time of agent implementation. This support can maximize agent communication in zones supporting multiple SIF versions; agent developers that design this support should be aware of the following implementation notes. These notes focus on wildcard support for releases **within a given major release lifecycle** and do not address agents that register support for `*`, indicating the ability to receive ANY version `SIF_Message`. These messages can be very different structurally across major version boundaries and an agent may require more sophisticated capabilities to successfully process any `SIF_Message`, regardless of the SIF version that defines it.

## E.1 XML Parsing

The message handling protocols documented in this specification are written from the perspective of having a well-formed and—optionally—valid XML document and the ability to randomly access element and attribute values within the document in performing the message handling steps as documented. While some agent implementations have this ability, there do exist agent implementations that may process SIF XML using a streaming interface (e.g. SAX), processing an XML document node by node, to perform equivalent functionality. When these agents declare the ability to receive a `SIF_Message`

defined by any minor release within a major release lifecycle, they cannot assume in processing a message that one element follows another without any intervening elements, as new minor releases of this specification can introduce optional elements into the SIF Data Model. An agent written at the time of SIF Implementation Specification 1.1 to support `1.*` and to expect `OtherId` to follow `AlertMsg` might encounter difficulties with processing a `1.5r1 StudentPersonal` if it were not designed to ignore new intervening `1.5r1` elements before `OtherId` unknown at the time of implementation, including `LocalId`, as shown here, not to mention `StatePrId` and `ElectronicId`, which were also both introduced in SIF Implementation Specification 1.5r1.

```
<StudentPersonal RefId="D3E34B359D75101A8C3D00AA001A1652">
  <AlertMsg Type="Legal">A legal alert for Joe Student.</AlertMsg>
  <OtherId Type="06">P00001</OtherId>
  <Name Type="04">
    <LastName>Student</LastName>
    <FirstName>Joe</FirstName>
  </Name>
</StudentPersonal>
```

*Example E.1-1: StudentPersonal from SIF Implementation Specification 1.1*

```
<StudentPersonal RefId="D3E34B359D75101A8C3D00AA001A1652">
  <AlertMsg Type="Legal">A legal alert for Joe Student.</AlertMsg>
  <LocalId>P00001</LocalId>
  <OtherId Type="06">P00001</OtherId>
  <Name Type="04">
    <LastName>Student</LastName>
    <FirstName>Joe</FirstName>
  </Name>
</StudentPersonal>
```

*Example E.1-2: StudentPersonal from SIF Implementation Specification 1.5r1*

Agents that parse XML on a node-by-node basis and that wish to support wildcard versions must be able to read and skip XML elements not of interest until an expected element of interest is reached.

## E.2 XML Validation

Though minor releases within a major version lifecycle of this specification are designed to be supersets of previous minor releases, agents supporting wildcard versions and performing XML validation should take into consideration that messages from a higher minor version in a major version lifecycle will not validate against schemas designed



for a lower version, given the potential introduction of new objects, and new optional elements into existing data objects. Agents that do perform XML validation should skip validation of received `SIF_Message`s that are defined by a higher version, unless they have dynamic Internet access to hosted schemas where `SIF_Message/@Version` can be used to access schemas for new specification releases. These agents can, of course, still establish that received `SIF_Message` XML is well-formed and process that XML to access elements/attributes of interest to the agent implementation.

While `SIF_Message`s defined by lower minor versions in a major version lifecycle may validate against a higher-version schema in that lifecycle, it is recommended also that higher-version agents skip XML validation of lower-version `SIF_Message`s unless they have local access to schemas corresponding to the version in question, in which case the appropriate schema should be used for validation, or unless they have dynamic Internet access to hosted schemas where `SIF_Message/@Version` can be used to access schemas for other specification releases. This recommendation is made particularly because external code sets may be brought up to date with external sources with each release of this specification and a previously valid code set value may become invalid in a new specification.

Note that schemas hosted by SIFA are available at well-known URLs and can be used to dynamically access schemas for older/newer specification versions using `SIF_Message/@Version`, should agents with Internet access require them for XML validation:

```
http://www.sifinfo.org/infrastructure/<value of SIF_Message/@Version>/DTD/SIF_Message.dtd(for SIF
1.x—XSD/SIF_Message.xsd also available)
http://specification.sifinfo.org/Implementation/<value of
SIF_Message/@Version>/XSD/SIF_Message.xsd (for SIF 2.x)
```

### E.3 SIF\_Message Handling

While this is defined in the [SIF\\_Message Agent Message Handling Protocol](#), it bears repeating in this section that agents receiving an unexpected message from the ZIS respond according to protocol, acknowledging receipt of the message with a `SIF_Ack` including the `SIF_Error` element with a `SIF_Category` of 12 (Generic Message Handling) and a `SIF_Code` of 2 (message not supported). This allows an agent with wildcard version support to successfully ignore `SIF_Message`s that may be introduced with the addition of optional infrastructure functionality into new minor releases of this specification, including new `SIF_SystemControl` messages.

# Appendix F: Selective Message Blocking (SMB) Example

## F.1 Example

A detailed example of Selective Message Blocking (SMB) follows. The table below represents the agent's message queue as maintained by the ZIS. The message at the top represents the oldest message in the queue and is the message that is currently being processed by the agent as the example begins.

Agent Message Queue
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add.
SIF_Event message containing a LearnerPersonal object with an Action of Add.
SIF_Request message for a LearnerPersonal object from another agent.
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add.

Table F.1-1: Agent Message Queue - Example 1

When processing the LearnerPersonalEnrolment event, the agent requires data from a SchoolInfo object that it doesn't have locally. It would like to request the SchoolInfo object without needing to process subsequent events. To do so, the agent acknowledges the LearnerPersonalEnrolment event with an "Intermediate" SIF\_Ack indicating that the ZIS will be contacted later to resume delivery of events. It then opens a channel to the ZIS and submits a SIF\_Request for the SchoolInfo object.

Upon receipt of the "Intermediate" SIF\_Ack, the ZIS freezes the delivery of any SIF\_Event messages to this agent until the agent sends a final SIF\_Ack releasing the original event. The current state of the queue is now:

Agent Message Queue
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add. (blocked)
SIF_Event message containing a LearnerPersonal object with an Action of Add. (frozen)
SIF_Request message for a LearnerPersonal object from another agent.
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add. (frozen)

Table F.1-2: Agent Message Queue - Example 2

The next message available for delivery to the agent is the SIF\_Request for a LearnerPersonal object. For our example, the agent will accept the SIF\_Request by returning an "Immediate" SIF\_Ack indicating that processing is complete and the agent will hand the SIF\_Request off to another part of the agent for handling.

Meanwhile, the ZIS has deposited the SIF\_Response from the SchoolInfo provider's agent into the queue. The queue now looks like this:

Agent Message Queue
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add. (blocked)
SIF_Event message containing a LearnerPersonal object with an Action of Add. (frozen)
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add. (frozen)
SIF_Response message containing the SchoolInfo object previously requested.

Table F.1-3: Agent Message Queue - Example 3

The next message the agent receives is the SIF\_Response. The agent takes the SIF\_Response and uses the information from it along with the data in the original LearnerPersonalEnrolment event to update its database. The

agent returns (Pull-Mode) or sends (Push-Mode) an "Immediate" SIF\_Ack telling the ZIS to discard the SIF\_Response message.

The agent has now completed processing of the LearnerPersonalEnrolment event and opens a channel to the ZIS and sends a "Final" SIF\_Ack with the message identifier for the LearnerPersonalEnrolment event. The SIF\_Ack says that the agent has completed processing and the ZIS removes the event from the agent queue. The freeze on SIF\_Event messages is lifted and the next message to be sent to the agent is the SIF\_Event for a LearnerPersonal Add:

Agent Message Queue
SIF_Event message containing a LearnerPersonal object with an Action of Add.
SIF_Event message containing a LearnerPersonalEnrolment object with an Action of Add.

Table F.1-4: Agent Message Queue - Example 4

### "Immediate" SIF\_Ack

The "Immediate" SIF\_Ack is a SIF\_Ack message with status code of 1. This type of SIF\_Ack is returned as a response to a message sent by the ZIS and indicates that the agent has persisted or has processed the message and the ZIS must remove the message from its queue.

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>ABCD10580EF250789012AC0554321EA2</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>10580EF2ABCD50789012AC05EA6C71B3</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>1</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example F.1-1: "Immediate" SIF\_Ack

### "Intermediate" SIF\_Ack

The "Intermediate" SIF\_Ack is a SIF\_Ack message with status code of 2. This type of SIF\_Ack is returned as a response to an event message delivered by the ZIS and indicates that the agent has not completed processing of the event and the ZIS must not remove the event message from its queue. The agent will send a "Final" SIF\_Ack to the ZIS in the future to signal that the ZIS can discard the event message. An "Intermediate" SIF\_Ack message must not be returned by agents in response to messages other than SIF\_Event.

```
<SIF_Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>ABCD10580EF250789012AC0554321EA3</SIF_MsgId>
      <SIF_Timestamp>2006-02-18T08:39:40-08:00</SIF_Timestamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>10580EF2ABCD50789012AC05EA6C71B3</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>2</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

Example F.1-2: "Intermediate" SIF\_Ack

### "Final" SIF\_Ack

A "Final" SIF\_Ack is a message with status code of 3. The agent sends this type of SIF\_Ack to the ZIS after the agent has completely processed a SIF\_Event where it previously sent an "Intermediate" SIF\_Ack. When the ZIS receives this message, it must discard the SIF\_Event message referenced in the SIF\_Ack upon successfully acknowledging the "Final" SIF\_Ack.

```
<SIF Message Version="2.1" xmlns="http://www.sifinfo.org/uk/infrastructure/2.x">
  <SIF_Ack>
    <SIF_Header>
      <SIF_MsgId>ABCD10580EF250789012AC0554321EA4</SIF_MsgId>
      <SIF_Stamp>2006-02-18T08:39:40-08:00</SIF_Stamp>
      <SIF_SourceId>RamseyLIB</SIF_SourceId>
    </SIF_Header>
    <SIF_OriginalSourceId>RamseySIS</SIF_OriginalSourceId>
    <SIF_OriginalMsgId>10580EF2ABCD50789012AC05EA6C71B3</SIF_OriginalMsgId>
    <SIF_Status>
      <SIF_Code>3</SIF_Code>
    </SIF_Status>
  </SIF_Ack>
</SIF_Message>
```

*Example F.1-3: "Final" SIF\_Ack*

## Appendix G: Background/Supplementary Documentation (non-normative)

This appendix supplies background/supplementary documentation from working groups and task forces for interested readers, including but not limited to object plans, business/use cases, test plans, test results, background and best practice documentation. Last modified dates are included in parentheses.

- SIF UK
  - Identity
    - Identity Object Proposal-version 0.7.doc (1/23/2008)
    - Assessment Object Proposal v0.7.doc (1/25/2008)
    - Attendance Object Proposal.doc (1/24/2008)
    - UK SIF Object Usage Guidelines Attendance.doc (1/24/2008)

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