1   Introduction

This document describes the contents of the Incident Recording System (IRS) Information Modelling Pack. The pack contains the elements required for the FRS Community or 3rd party software developers to build an interface with the new IRS System.

There are a series of documents and various types of XML files. The following table describes the contents of the zip.

Documentation	Location	Notes
FRS Incident Web Services Guide v1-0i.doc	…\document	The aim of this report is to document the XML Web Services defined to support automated real time B2B integration capture of Fire and Rescue (FRS) Incidents from FRS systems directly.

The Web Services document describes the services provided along with the supporting operations and message exchanges. The document describes the relationships between the various service message exchanges and the XML document structures defined as XML schemas. These message definitions reuse data structures from the underlying XML Schemas defined in the XML Information Model Document below. |
| FRS Incident Schema - XML Information Model v1-0i.doc | …\document | The aim of this report is to document the XML Information Model that has been created for the primary electronic 'Incident' Document, which will be the central to the F&RS Incident Reporting System (IRS) project.

This XML Information Model consists of a number of W3C XML Schemas that describe the structure of the XML data that will represent an F&RS incident, and will be exchanged between various stakeholder systems. |
| XML Schemas v1-0i - Release Note.doc | …\document | This document describes the changes from the version 1.0e pilot schemas of the ODPM FRS IRS schema documentation.

Note: This document is only necessary for those that constructed Web Services for the Pilot Stage of the IRS system.

The actual Schema Version Numbers referenced in the XML Schemas have not been changed as they have not yet been published officially on GovTalk. The version 1.0 schemas had previously been released to the FRS community as drafts for early review and assessment of the system and business process impact for the FRS Community. |
| Supporting documents | …\document\source | There are a number of supporting documents and spreadsheets that are referenced within the Web Services Guide and the XML Information Model document. They are:

· Web Forms Questions spreadsheet

· Drop-Down Lists document |

Documentation	Location	Notes
		• Taxonomy / Hierarchy spreadsheet • Station Id Details spreadsheet • Various Fire Control Convergence Documents for reference

Implementation Elements	Location	Notes
The XML Schemas and WSDLs	…\xsd	The collection of XML Schemas and the WSDL that describes the Web Service and its operation.
Taxonomy Files	…\taxonomy	There are various XML files based on taxonomies (hierarchies) that support key data within an Incident. These files support complex hierarchies with supporting data attributes: • Mobilisation Incident Types • Property Types • Special Service Types • False Alarm Reasons Along with the taxonomies there are a couple of mapping files used for defaulting values within taxonomies based on the Mobilisation incident type selected. These mapping files are useful for assisting online forms.

Further Elements (Not supplied in this pack)	Location	Notes
Supporting Spy Documentation		There is a separate zip available that contains documentation generated by SPY based on the schema set. This contains plain HTML and can be used to inspect the XML schemas if you do not possess specialised XML tools.
IRS Test Client Framework including example XML Instance Fragments		A test client pack that provides a simple client that can Logon, Upload and Download Incidents via the Web Services to XML or an Access DB. There are a number of other elements provided: • A document defining a series of tests that ensure the majority of error conditions and data structure options are tested. • A series of example instance fragments that demonstrate the Web Service operation requests with basic example data. The instances are linked to the schemas to ensure they validate correctly. The instances provide examples for 96% of the most common incident examples. • Source code for the client