

Incident Recording System – Questions and Lists

Version 1.4 – (XML Schemas v1-0n)



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Version 1.4 – (XML Schemas v1-0n)

Communities and Local Government **IRS**
Incident Recording System

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Welcome to the Fire and Rescue Service Incident Recording System

Please select an action from the list below:

| | |
|----------------------------|---|
| Enter New Incident Details | Capture details on a new incident. |
| My Current Incidents | Retrieve incidents that have been assigned to you. |
| Find and Update Incidents | Update or view an existing incident report. |
| Download Incidents | Download incidents to your computer in XML or CSV format. |

Help and Questions
View online help & submit a question to the helpdesk.
[more information](#)

News and Events
Show the IRS News and Events.
[more information](#)

User Administration
Reset your password.
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Instant Exit

Revision History

| Date | Version | Description | Author |
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| 25 th May 2007 | 0.1 | Initial Draft | Richard Edwards |
| 11 th July 2007 | 0.2 | Updated with changes from usability testing | Richard Edwards |
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1. Introduction

1.1 Background

DCLG's Fire and Rescue Service Directorate (FRSD) is implementing a new web-enabled Incident Recording System (IRS), which will modernise the collection and subsequent statistical handling and publication of incident data from the Fire and Rescue Service.

The project will provide the Fire and Rescue Services in the UK with a fully tested and piloted means of collecting, validating and transmitting data to CLG on all incidents attended by the Fire and Rescue Service. To support the new IRS database the Fire and Rescue Service Division (FRSD) has developed an associated XML Schema, which will be used in transferring incident data between the F&RS community and the DCLG.

1.2 Objectives of document

The aim of this document is to describe the questions and options that will be asked for each type of incident.

The document is aimed at FRS business users and performance management staff to allow them to understand the questions that will be asked within the Incident Recording System.

There are other documents which describe the XML Schema from a more technical perspective for use by IT staff and developers. These are the 'FRS Incident Schema - XML Information Model v1-0i' and the 'FRS Incident Web Services Guide v1-0i' – **these documents are the definitive description of the schema and questions.**

Note: There has been four minor Patch releases with v2.0.8 (Schemas v1-0j – PropertyType Taxonomy File Change), v2.1.0 (Schemas v1-0k – Change to FRSIDs in the Schema for London and Wales), v2.1.1 (Schemas v1-0l – Change to FRSIDs for Strathclyde) and v2.1.2 (Schemas v1-0m – Only documentation & rule changes). Details of these minor changes are all recorded in this document.

Also within these documents are described all the business rules, these documents are the definitive description of all the business rules. Within this document we describe some of the most important business rules but do not describe all the rules as there are over 200 of them.

Also there is a full guidance document which provides detailed guidance on the IRS and questions. This is the same information as provided in the ITS on-line help.

2. Reasons for new data collection

The current FDR1 data collection provides a significant amount of valuable information about primary fires which has been used for many statistical and research purposes since 1994 when it was introduced. Since 1994, there have been several significant changes.

In particular,

- Bain Review of 2002
- The Fire and Rescue Services Act 2004 – which altered the statutory responsibilities of FRS's to include special services.
- The introduction of IRMPs
- The introduction of the National Framework

All of these changes have meant that there is a need to update the data collection to reflect the new responsibilities.

2.1 IRMPs

IRMPs are best informed by accurate and detailed data on all incidents (including false alarms) in order to allow adequate risk analysis and modelling. If the data is incomplete or inaccurate it will affect the quality of any analysis.

This is a key difference when compared with the previous guidance based on attendance times. As well as the times for all incidents, the availability of data on the actual vehicles in attendance and the equipment used during the incident are valuable inputs to the IRMP.

2.2 Special Service incidents (including RTCs)

Special Services (i.e. Non-fire) are an increasingly important area of FRS operations and also since 2004 there have been statutory attending responsibilities.

At a National level the data available is mainly at annual summary level; therefore in the IRS more details are being collected on all special service types. In particular, extra information is being collected on Road Traffic Collisions and extrications.

2.3 Hazardous materials

Up until 1996 data on Hazardous Materials was collected by HMFSI, since 1996 no detailed information has been collected.

The Fire and Services Act 2004 increases the statutory responsibility. There has been consistent criticism that CLG has been unable to provide data identifying problems and trends relating to hazardous materials. The collection of detailed data on incidents involving hazardous materials should allow the earlier identification of trends – for example the current problems with acetylene. This should also allow the easier production of 'best practice' guidance.

2.4 Building regulations

The current FDR1 collection does not collect information in several important areas:

- Availability and use of building fire service facilities
- Effectiveness of building compartmentation and other fire engineering design issues
- Any specific building constructions involved

The cost of implementing current building fire regulations in non-dwelling properties is estimated to be 5% of

total building costs, it is therefore important that good data is available to support any changes to or justification of building regulations.

Also there are operational concerns around the effectiveness and availability of building services. For example:

- Are Firefighters lifts used and are they available?
- Are they frequently unavailable due to poor maintenance or vandalism?
- This impacts both fire fighter safety and fire fighting effectiveness

2.5 Regulatory reform order 2005

The introduction of the Regulatory Reform Order 2005 and changed the responsibility for ensuring that fire regulations are complied with.

A key part of the new data collection is to collect data that can be used to assess the effectiveness of the FIRE SAFETY REGULATIONS. For example: Has there been an increase in fires where exits have been blocked?

2.6 Attacks on Fire officers

Currently the National data on attacks on fire officers is of poor quality, as the information is provided via the use of FOSI forms, which are not completed in all cases.

This is an area of increasing concern across FRSs, CFOA, FBU and the Government, and so the data collection has been included within the IRS.

2.7 Community Fire Safety

More data is being collected to help determine particular risks and allow more effective targeting of Community Fire Safety campaigns.

3. Comparison to FDR1 and current data collections

The IRS collects detailed information on all incidents attended by Fire and Rescue Services this is a significant difference from the current data collections where:

- Data for Primary fires are collected on FDR1 forms.
- Monthly summaries of secondary fires, chimney fires and false alarms are collected
- Annual summaries of Special service incidents are collected on OPS4 and OPS5 forms.

Based on data for the UK from 2004 the numbers of incidents are:

| Incident Type | Number | % of all incidents |
|-----------------|-----------|--------------------|
| Primary fires | 210,018 | 16.6 |
| Secondary fires | 383,263 | 30.2 |
| Chimney fires | 11,330 | 0.9 |
| False Alarms | 473,000 | 37.3 |
| Special Service | 190,123 | 15.0 |
| Total | 1,267,734 | 100.0 |

This means that detailed information will be available on all incidents rather than primary fires (as currently) which account for less than 20% of incidents.

3.1 Differences from FDR1

In comparison to the FDR1 data collection, the IRS has the following additions:

- More information on vehicles is collected
- Information on equipment used is collected
- Information on type of incident 'at time of call', as distinct from 'at attendance' is collected.
- Ethnic origin of casualties is collected
- Information on building evacuations is collected
- Construction features in building fires
- Fire safety inspection info
- Fire service building facility info
- Haz Chem codes

3.2 Data collected and questions asked

Within the IRS the number of questions asked depends on:

- the type of incident, whether it is a primary fire, secondary fire, false alarm or special service.
- The type of property involved
- Whether there were any casualties or rescues involved
- Whether there were hazardous materials

The data collection has been structured so that for the most common incidents as few questions as possible are asked for all incidents the following information is captured:

- Unique identification of incident (FRS and Incident number)
- Dates and times of incident
- Location of incident
- Vehicles in attendance
- Resources used at incident (none for false alarms)
- Information on attacks on firefighters
- Details of any casualties or evacuations

The table below shows the number of questions asked for each type of incident, these have been ordered by the frequency of occurrence. This shows that, if the data is pre-populated from the mobilizing system (see later), for over 80% of incidents 11 questions or fewer are asked.

| Incident type | Number of questions asked | | Number of incidents | | |
|------------------------------------|---------------------------|------------------|---------------------|-----------------------|------------|
| | Total | if pre-populated | Total per year | As % of all incidents | Cumulative |
| False Alarm | 24 | 4 | 473,000 | 39.0% | 39.0% |
| Skip/ refuse fire | 29 | 9 | 190,000 | 15.7% | 54.6% |
| Small outdoor fire | 29 | 9 | 150,000 | 12.4% | 67.0% |
| Special Service | 27 | 7 | 100,000 | 8.2% | 75.2% |
| Primary Car Fire | 58 | 38 | 84,000 | 6.9% | 82.1% |
| Primary Fire (dwelling) | 75 | 55 | 54,000 | 4.4% | 86.6% |
| Primary Fire with evacuation | 85 | 65 | 42,000 | 3.5% | 90.0% |
| RTC | 31 | 11 | 35,000 | 2.9% | 92.9% |
| SS -Lift release | 27 | 7 | 26,000 | 2.1% | 95.1% |
| Large Outdoor fire | 48 | 28 | 21,000 | 1.7% | 96.8% |
| SS - Hazmat | 31 | 11 | 14,000 | 1.2% | 97.9% |
| RTC with Casualty and extrication | 53 | 33 | 12,000 | 1.0% | 98.9% |
| Primary Fire with casualties | 94 | 74 | 9,000 | 0.7% | 99.7% |
| Special Services (with casualties) | 46 | 26 | 4,000 | 0.3% | 100.0% |

3.3 Calculation of BVPI's and NI's

The IRS will be able to provide the data to support calculation of the all of the current BVPI's and National Indicators (NI's) which relate to incidents which are attended.

Details of how each BVPI and NI will be calculated are given in section 7 'BVPI & NI Calculations within the IRS'.

4. 4. Key Concepts

Whilst defining the IRS data collection some key concepts have been identified, that aid in understanding the questions asked and the way in which they have been structured. These concepts are detailed in the following sections.

4.1 Method of submitting data

The IRS allows FRSs to submit data in two ways:

- Using an XML based web service
- Using the IRS website (online forms) essentially, the XML web service is designed to allow FRSs with their own systems (e.g. MIS) to submit data automatically whereas the website or Online forms can be used by those FRSs which do not have their own systems.

It is also possible, to submit partial records using the web service and complete them using the online forms. This allows data to be pre-populated from the FRSs command and control (mobilizing) system (see later). A key finding of the pilot was that having the data pre-populated made a significant difference. Full details of these options are given in other documents.

4.2 Lists – Enumerated values

Very few elements of the data used within the Incident Recording System are free-form text questions; instead the majority of the values are selected from lists of possible options. This is done to allow better analysis of the data and provide more consistency in data input.

If a list has an “Other” option defined, then when this option is selected the user will also be required to enter a textual description. This is important to ensure that the data can be analyzed to decide whether new list entries are required in the future.

Below is a list of all the standard drop-down list questions that have a code of ‘99’, which indicates that an ‘Other’ attribute needs to be captured for the question:

- Question 2.2 – What was the origin of this call?
- Question 5.4 – How was the fire discovered?
- Question 5.6 – Means of Escape
- Question 5.7 – Compartmentation
- Question 5.9 – Alarm Systems Type
- Question 5.12 – Reason system did not function as intended
- Question 5.27 – Vehicle Type
- Question 5.29 – Type of extrication method used
- Question 7.2 – What was the main action taken by the general public prior to arrival?
- Question 7.3 – What was the main action taken by FRS personnel?
- Question 7.5 – Type of Fire Fighting Equipment used
- Question 7.6 – Effect of Manual System on fire
- Question 7.8 – Fixed Fire Fighting facilities present
- Question 7.12 – Type of active safety systems present
- Question 7.17 – Reason safety system did not function as intended
- Question 8.1 – What was the cause of the fire?
- Question 8.3 – Caused by?
- Question 8.4 – What was the source of ignition?
- Question 8.5 – What powered the ignition?
- Question 8.6 – What Item was ignited first?

- Question 8.8 – If there was any rapid fire growth, how was this caused?
- Question 8.13 – Were any containers involved?
- Question 8.14 – What type of room/compartiment did the fire start in (Location of Origin)?
- Question 8.15 – What was the Household Occupancy Type at the time of the incident?
- Question 8.16 – Human factors contributing to fire
- Question 8.18 – Was there any special method of building construction involved?
- Question 9.10 – Where was the victim when the fire started?
- Question 9.11 - Where was the victim found?
- Question 9.12 –What role did this victim play in the incident?
- Question 9.14 – If rescued, where was the victim rescued from?
- Question 9.16 –If rescued, what method was used?
- Question 9.22 – What is your understanding of the cause of death / nature of injury?
- Question 9.25 – What were the other circumstances of the victim?

Below is a list of those questions that have 'Other' attributes defined in the schemas against a number of code values:

- Question 6.2 – Type of FRS Vehicle (VehicleType = 'AA', 'RSV')
- Question 6.16 – Type of Equipment Used (EquipmentType = '7', '11', '23', '26', '30', '45', '57', '67', '73')

4.3 Taxonomies/ Hierarchy Controls

There are a few questions which have a large number of options. These have been implemented as taxonomies or hierarchies.

There are four questions which use hierarchies:

- Mobilise Incident Type
- Property Type
- Special Service Type
- False Alarm Reason

These hierarchies are fully described in the Taxonomy/Hierarchy spreadsheet, and are also repeated in this document.

Within the spreadsheet there are some extra fields which are not repeated in this document. These fields are used for validation and display purposes e.g. the Primary Fire flag in the Property Type.

If a taxonomy entry has an associated "Other" attribute set to 'yes', then when this option/code is selected the user will also be required to enter a textual description. This is important to ensure that the data can be analysed to decide whether new list entries are required in the future.

4.4 Data pre-population

The IRS has been designed to allow the pre-population of data from Command and Control systems. It is anticipated that the following data items will be pre-populated:

- Incident identifier
- Times and dates of Call, stop message and incident closed
- Type of incident at Mobilization (Mobilize Incident type)
- Incident location
- Details of appliances mobilized including times.

In the detailed list of questions it is indicated which fields are expected to be pre-populated.

In fact, any field can be pre-populated provided the validation rules are not broken, so if the information is available within the Command and control system it can be completed.

Any field that has been pre-populated can be updated within the forms, and if the data has not been pre-

populated can be entered.

4.5 Links with FiReControl

The IRS Schema has been designed so that it is ready for the implementation of the FiReControl RCCs.

Note: The RCC data is currently going through re-design period and is expected to change further during Q1 2009.

The following data items have been defined based on the FiReControl convergence products:

- **Callsigns** – throughout the schema callsigns can be in the format as defined by Convergence Product 3 – National Call Sign
- **Mobilise Incident Type** – the IRS allows the Incident type when the call was received as well as the actual incident type. The incident type on mobilisation uses the Convergence Product 13 definitions.
- **Vehicle and Resource Types** – the IRS collects information on the vehicles deployed and the resources used. These lists have been based as far as possible on the Convergence Product 63 definitions. There are differences, however, because of the move to attribute based mobilising where a vehicle may have many attributes.

4.6 Repeating data groups

Within the IRS some groups of data can be repeated several times, for example an incident may have many vehicles attending it.

There are the following repeating data groups within the IRS:

- Alarm system
- Hazardous Material details
- RTC Extrication details
- Vehicle details
- Resources used details
- Fire Fighting equipment used
- Building Fire Fighting Facilities
- Active Safety Systems
- Victim details

4.7 Multiple selections

Within the IRS it is not possible for a question to have multiple answers (i.e. multiple selections). This has been decided as it causes issues in two ways:

- Users find these type of menus difficult to use
- Analysis of this type of data is difficult as users tend to answer them differently (irrelevant of the guidance) and it is not clear which is the main selection. For example if the user selected 2 causes of a fire.

In all cases the user is asked to enter the 'main' or 'most important' option.

4.8 Incident Status and Workflow

Incident data that is entered into the IRS website is not 'sent' directly to DCLG but goes through a 'lifecycle' or workflow.

This 'lifecycle' is similar to the way FDR1 data is currently processed. The aim is to ensure that data is only 'sent' to DCLG once it has been validated and quality assured by the FRS. Quality assurance and quality control of the data is the responsibility of the FRS (as for FDR1s).

The following key stages exist in the lifecycle of an incident:

- Incident data partially entered. The data may have warning or errors in it.
- Incident recorded. The data will not have any warnings or errors.
- Incident validated by IRS and FRS quality assurance personnel

Incident published to DCLG - The full list of "Incident Status" values are:

- 10 - "First Call"
- 20 - "Mobilised"
- 30 - "Arrived At Scene"
- 40 - "Under Control"
- 50 - "Closed (Mobilise data captured)" (Incident Closed)
- 55 - "Closed with Queries (Mobilise data captured)"
- 60 - "Recorded" (Incident fully recorded after the event by the FireOfficer)
- 65 - "Recorded with Queries" (Incident recorded, but require QA/Review)
- 70 - "Published" (Incident quality assured and ready for Publication)
- 75 - "Published with Conditions" (e.g. Awaiting coroners report)
- 80 - "Queried by National Statistics" (Statistics Team have raised a query for the FRS)
- 90 - "Closed by National Statistics" (The Incident has been audited & closed.)
- 0 - "Cancelled"

Note: It is not possible to INSERT a record to the IRS system with an IncidentStatus as 80 or 90. Only DCLG staff can set these status values. The 'status' of the incident is recorded within the incident data.

4.9 Business Rules

Within the IRS there are many rules that have been defined to ensure that the data is correct. An example rule is:

PersonGivenName and PersonFamilyName must be populated for Victims with a Type of "1=fatality". These rules are fully defined in the technical documentation. Many of the business rules that are defined are related to the incident status, and are only checked when the user states that they have completed data entry (status = recorded) A rule can generate an Error, a Warning or an Information message. An incident can't be set to a "Recorded" status if there are Warnings or Errors. An incident can be set to a "Recorded" or "Published" status with Information messages present.

4.10 Yes/No questions

Because of the nature of incidents and the information that is required, much of the data collected within the IRS is related to unusual or non-frequent events (e.g. explosions). In order to handle these within the IRS, Yes/No questions are asked (e.g. Were there any hazardous materials involved?) and only if the answer is "Yes" are further questions asked. Normally these questions are defaulted to simplify the completion of the data.

The following questions are asked of this type:

- Q3.10 Was there an attack on firefighters at the incident?
- Q5.5 Is the property covered by the Regulatory Reform (Fire Safety) Order 2005
- Q5.8 Was there any alarm system present?
- Q5.18 Were there any hazardous materials involved?
- Q5.22 Was the incident an RTC?

- Q5.26 Were any RTC extrications performed?
- Q6.15 Were there any resources used at the incident?
- Q7.4 Were any manual systems used?
- Q7.7 Were there any Building Fire Fighting Facilities Present?
- Q7.11 Were there any active safety systems present?
- Q8.10 Was there an explosion? The aim of this is to make completion of normal incidents as quick and accurate as possible whilst remaining the flexibility to gather information on more unusual incidents.

4.11 Primary and Secondary Fires

Under the FDR1 system there was a large distinction between primary and secondary fires as only full details were recorded for primary fires. For secondary fires only monthly totals are collected.

Within the IRS as information is collected on all incidents the distinction is less important.

So within the IRS there is no mention of Primary/Secondary fires – it is the type of property and the answers to questions which determine the information that will be gathered.

Some properties which previously required the completion of FDR1s no longer have as many questions asked e.g. post boxes. This is because, the level of detail collected for all incidents is sufficient and asking many extra questions would not be beneficial.

For reporting purposes, within the XML schema a 'Primary fire' flag is maintained, within the IRS forms this flag is set dependent on the answers given by the user. The user is not able to set this flag. Details on how the flag is calculated are given later in this document – but the definition is the same as for FDR1s.

4.12 Over the Border incidents

An Over the Border incident is where one FRS attends an incident within the borders of another.

Currently, the FDR1 report is completed by the FRS that **attended** the incident, but is submitted to DCLG by the FRS whose territory the incident occurred in as its own.

Note: Under the IRS this will change slightly. As currently the Officer in Charge (OIC) is responsible for completing the incident but the FRS that attended the incident will perform any quality assurance and will 'publish' the data to DCLG. The FRS in whose territory the incident occurred will be able to view/print the incident and also add an incident id but will not be able to edit any other data.

5. Questions and Lists

In this section, details are provided for all the questions that the IRS collects, together with the list of valid options for each drop down field.

The questions are split into the following sections:

1. Incident Identity
2. At Call Details
3. On Attendance Details
4. Location Details
5. Additional Information
6. Resources Used
7. Action
8. Damage
9. Involvement of Persons

Summary For each question the following table is completed:

| | | | |
|-----------------------|--|---------------------------|--|
| Incidents | | Optional/Mandatory | |
| Pre-populated? | | Depends on | |
| On FDR1? | | Format | |
| Notes: | | | |

The fields in the table have the following meanings:

- **Incidents** - Shows the type of incident for which question is asked, this can be All incidents, Fires (Primary or Secondary), Special Service or False Alarm.
- **Optional/Mandatory** – indicates if the field is optional or mandatory when asked. Whether a question is asked depends on the incident category (fire, special service, false alarm) and the answer to previous questions.
- **Pre-populated** – indicates whether it is expected that this information can be automatically populated from the command and control system
- **Depends on** - indicates that the question is only asked depending on the answer to a previous question and gives the number of the question.
- **On FDR1** – indicates if the question (or similar) is currently asked on the FDR1 form.
- **Format** – indicates the format of the question. Examples could be drop-down, radio, text
- **Notes** – any specific notes about the question, for example it may only be asked for building fires. Also, if there is a specific reason that may not be obvious why the data is collected this is mentioned here.

5.1 Incident Identity

The incident identity section is used to record details on the identity of the incident to allow it to be uniquely identified.

Question 1.1 - FRS Incident Number

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Text |
| Notes: | This is a text field of 50 characters length. | | |

Question 1.2 - Fire and Rescue Service

| | | | |
|-----------------------|---|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Drop Down List |
| Notes: | This list is as defined by convergence product 3 and is a 2 character code as listed below: | | |

| Region | Sub Region / FRS | Region & Sub Region = FRSId Code |
|------------------------|--------------------|----------------------------------|
| North East | Northumberland | AN |
| | Tyne & Wear | AT |
| | Durham | AD |
| | Cleveland | AC |
| North West | Cumbria | BC |
| | Lancashire | BL |
| | Greater Manchester | BG |
| | Merseyside | BM |
| | Cheshire | BE |
| Yorkshire & Humberside | North Yorkshire | DN |
| | West Yorkshire | DW |
| | South Yorkshire | DS |
| | Humberside | DH |
| East Midlands | Lincolnshire | EC |
| | Nottinghamshire | ET |
| | Derbyshire | ED |
| | Leicestershire | ES |
| | Northamptonshire | EM |
| West Midlands | Staffordshire | FT |

| Region | Sub Region / FRS | Region & Sub Region = FRSId Code |
|------------------|----------------------|----------------------------------|
| | West Midlands | FM |
| | Warwickshire | FS |
| | Hereford & Worcester | FE |
| | Shropshire | FH |
| East of England | | |
| | Norfolk | GN |
| | Suffolk | GS |
| | Essex | GE |
| | Cambridgeshire | GC |
| | Bedfordshire | GB |
| | Hertfordshire | GH |
| London | | |
| | London - North | HN |
| | London - South | HS |
| | | |
| South East | | |
| | Buckinghamshire | JC |
| | Surrey | JS |
| | Kent | JK |
| | East Sussex | JE |
| | West Sussex | JW |
| | Hampshire | JH |
| | Royal Berkshire | JY |
| | Oxfordshire | JX |
| | Isle of Wight | JT |
| South West | | |
| | Gloucestershire | KG |
| | Wiltshire | KW |
| | Dorset | KT |
| | Avon | KA |
| | | |
| | Devon & Somerset | KV |
| | Cornwall | KC |
| | Isles of Scilly | KL |
| | | |
| Northern Ireland | Northern Ireland | NR |
| | | |
| Wales | | |
| | Wales - North | WN |
| | Wales - Mid | WM |
| | Wales - South | WS |
| | | |
| Scotland | | |
| | | |
| | Highland and Islands | SH |
| | Grampian | SG |
| | Tayside | ST |
| | Lothian & Borders | SL |
| | Fife | SE |
| | Central | SC |

| Region | Sub Region / FRS | Region & Sub Region = FRSId Code |
|-------------|--------------------------------------|----------------------------------|
| | Dumfries & Galloway | SD |
| Strathclyde | | |
| | Argyll & Bute | TL |
| | East & West Dunbartonshire | TM |
| | North Lanarkshire | TN |
| | South Lanarkshire | TP |
| | East Ayrshire & East Renfrewshire | TQ |
| | North & South Ayrshire | TR |
| | Renfrewshire & Inverclyde | TS |
| | North West Glasgow | TT |
| | North East Glasgow | TU |
| | South Glasgow | TV |

Question 1.3 - Station

| | | | |
|-----------------------|---|---------------------------|--------------------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Drop Down (5 char) |
| Notes: | This field holds the station that handled the incident. This will be a 5 character text field using the National Call Signs as defined in convergence product 3. This format is Fxx99. Prior to using the IRS each FRS will need to provide a list of station details including call signs. | | |

Question 1.4 – Fire Officer ID

| | | | |
|-----------------------|--|---------------------------|--------------------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Text (1 - 50 char) |
| Notes: | This is an optional field which is used to record the officer responsible for completing the incident report. It is a text field. For users of the IRS Online Forms this field will be automatically completed with details of the logged on user. | | |

Question 1.5 - Was this incident an 'Over the Border' Incident?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio - Yes/No |
| Notes: | Used to indicate if the incident was an 'over the border' incident | | |

Question 1.6 - In which FRS was the Incident?

| | | | |
|-----------------------|---|---------------------------|-------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 1.5 = 'Yes' |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>Same list as Question 1.2</p> <p>For 'Over the Border (OTB)' incidents indicates the FRS in whose territory the incident occurred. This uses the same list as Question 1.2. Note: This is defaulted to the value of Q1.2 if OTB is 'No'. The Web Service will also default the value of Q1.2 if OTN is 'Yes', but no specific value is provided via the interface.</p> | | |

Question 1.7 – What is the other FRSs Incident Number?

| | | | |
|-----------------------|---|---------------------------|---------------------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 1.5 = 'Yes' |
| On FDR1? | No | Format | Text (1 – 50 chars) |
| Notes: | <p>This is a text field of 50 characters length.</p> <p>This is an optional field which allows the FRS in whose territory the incident occurred to record their own incident number to allow cross-referencing.</p> | | |

5.2 At Call Details

This section is used to record details on the incident as they were received by Command & Control which can be different from the details on attendance.

These details may be populated automatically if incident data is transmitted from the Command and Control system.

Question 2.1 –What was the time and date of call?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Date/Time |
| Notes: | Used to indicate the time/date that the call to the incident was received. | | |

Question 2.2 – What was the origin of this call?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This field records where the call that raised the incident originated from. | | |

| Code | Origin of call | Includes |
|------|-----------------------|----------|
| 1 | Person (land line) | |
| 2 | Person (mobile) | |
| 3 | Person (running call) | |
| 4 | AFA from originator | |
| 5 | AFA from call centre | |
| 10 | Ambulance | |
| 11 | Police | |
| 12 | Coastguard | |
| 13 | Other FRS | |
| 99 | Other | |
| 0 | Not known | |

Question 2.3 – What was the incident type when the call was received by the control room?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Hierarchy |
| Notes: | This field records the incident type as received when the call was received, this could be different from the actual incident type at attendance which is recorded in Question 3.1. | | |

The list is based on the Convergence Product 13 list. A 'Not known' value has been added to allow pre-population by mobilising systems that do not record a value (e.g. descriptive text only) – a business rule exists that prevents an incident being 'published' with a value of 'Not Known'.

The incident types are split into 7 generic groups, which are:

- A - Alarms
- E - Explosion
- F - Fire
- HM - Hazardous Material
- R - Rescues
- UA - Unlawful Act
- HA - Humanitarian or Assistance

The full list is given in Section 6 'Hierarchy Lists'.

Incident priority at Call (hidden)

| | | | |
|-----------------------|--|---------------------------|-------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Number. 1-5 |
| Notes: | This question exists in the XML schema, but is not shown on the forms. It is defined as part of the Convergence product 13. And is maintained for consistency. The field is set by selecting the Mobilise Incident Type. Refer to Section 6 'Hierarchy Lists'. | | |

Question 2.4 – Was this incident a 'Late Call'?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Yes/No |
| Notes: | Defaulted to 'No' unless Q2.3 is 'Late Fire Call'. | | |

Question 2.5 – Time/Date of Stop Message

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Date/Time |
| Notes: | Used to indicate the time/date of the incident stop message. | | |

Question 2.6 – Time/Date Incident Closed

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Date/Time |
| Notes: | Used to indicate the time/date that the incident was closed. | | |

5.3 On Attendance Details

The questions in this section gather information on the incident as observed on attendance as opposed to the information gathered by Command & Control. Some of the initial questions are used to determine the type of incident e.g. primary or secondary fire and subsequently to determine which further questions need to be asked.

Additional information recorded on the On Attendance form depends on the type of incident and includes:

- incident timings
- property type
- special status of the incident i.e. late call

Question 3.1 – Please indicate if the incident is a Fire, Special Service, or False Alarm Incident

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Drop Down |
| Notes: | This field records the category of the incident whether it was a 'Fire', 'SpecialService' or 'FalseAlarm'. This field is used to determine which further questions are asked. | | |

Question 3.2 – What type of Property was involved?

| | | | |
|-----------------------|--|---------------------------|------------------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Hierarchy (Numeric 0 – 9999) |
| Notes: | This is one of the key fields in the data collection and is recorded for all incidents. It is used to record the type of property at/in which the incident occurred. This is a large list and is defined as a hierarchy. The property types are split into the following 9 categories: | | |

| Category | Covering |
|---------------------------|--|
| Dwelling | residential homes and HMOs |
| Other Residential | hostels, B&Bs, Nursing homes, Student halls of residence etc. |
| Non Residential Buildings | offices, shops, factories, warehouses, restaurants, cinemas, public buildings, religious buildings, agricultural buildings, railway stations, sheds etc |
| Road Vehicle | |
| Rail Vehicle | |
| Aircraft | |
| Boat | |
| Outdoor | fields, grassland, woodland, refuse containers, post boxes, derelict vehicles, derelict buildings etc |
| OutdoorStructures | |

The full list is given in Section 6 'Hierarchy Lists'. In the list, there are some extra fields for each property which are used to indicate various things e.g. if the property is subject to the FIRE SAFETY REGULATIONS. These 'flags'

are used to set defaults and in form-routing.

Question 3.3 – Special Services Incident Type

| | | | |
|-----------------------|-----------------|---------------------------|---------------------------------|
| Incidents | Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Hierarchy (Numeric 1 – 9999) |
| Notes: | | | |

The special service type is split into the following highest level categories:

- Road Traffic Collisions (RTC)
- Other transport incidents
- Flooding
- Rescue or evacuation from water
- Other rescue/release of persons
- Animal assistance incidents
- Hazardous Materials incident
- Spills and Leaks (not RTC)
- Lift Release
- Effecting entry/exit
- Removal of objects from people
- Suicide/attempts
- Medical Incident - Co-responder/First responder
- Evacuation (no fire)
- Water provision
- Assist other agencies
- Advice Only
- Stand By
- No action (not false alarm)

The full list is given in Section 6 'Hierarchy Lists'.

Question 3.4 – What was the reason for the False Alarm?

| | | | |
|-----------------------|-------------|---------------------------|-----------|
| Incidents | False Alarm | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Hierarchy |
| Notes: | | | |

The false alarm types are split into 3 high levels categories:

- Malicious false alarm
- Fire alarm due to apparatus
- Good intent false alarm

The full list of the false alarm types is given in Section 6 ‘Hierarchy Lists’.

Question 3.5 – Please indicate if there were persons rescued, extricated, injured or killed in the incident?

| | | | |
|-----------------------|---|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | Used to determine further questions to ask. | | |

Question 3.6 – Please indicate if there were persons evacuated in the incident with or without FRS assistance

| | | | |
|-----------------------|---|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | Used to determine further questions to ask. | | |

Question 3.7 – How many pumping appliances attended the incident before mobilisation stopped?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Number 0 - 999 |
| Notes: | Used to determine further questions to ask. Determines if a fire is a primary or secondary fire. | | |

Question 3.8 – Was all property (including buildings and vehicles) involved in the fire derelict?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | Used to determine further questions to ask. Determines if a fire is primary or secondary fire. Only shown if the Property type is one which is normally a primary fire (defined in the Property type taxonomy) | | |

Question 3.9 – Was this a chimney fire?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | Used to determine further questions to ask. Determines if a fire is a primary or secondary fire. Only displayed if a Building fire and not derelict. Defaulted to ‘Yes’ if Q2.3 is ‘Chimney Thatch’ or ‘Chimney’, otherwise defaulted to ‘No’. | | |

Question 3.10 – Was there an attack on FRS Personnel travelling to/from or at the incident?

| | | | |
|-----------------------|-----|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |

| | |
|---------------|--|
| Notes: | |
|---------------|--|

Question 3.11 - Type of Attack

| | | | |
|-----------------------|-----|---------------------------|------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.10 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | | | |

| Code | Type of Attack | Includes |
|-------------|---|-----------------|
| 1 | Objects thrown at firefighters/appliances | |
| 2 | Physical abuse | |
| 3 | Verbal abuse | |
| 4 | Harassment | |
| 5 | Other acts of aggression | |

Question 3.12 – Number of Serious Injuries to FRS personnel

| | | | |
|-----------------------|-----|---------------------------|---------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.10 = Yes |
| On FDR1? | No | Format | Number (0 – 999) |
| Notes: | | | |

Question 3.13 – Number of Slight Injuries to FRS personnel

| | | | |
|-----------------------|-----|---------------------------|---------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.10 = Yes |
| On FDR1? | No | Format | Number (0 – 999) |
| Notes: | | | |

Is the fire a primary fire? - IsPrimaryFire flag (Fire classification)

| | | | |
|-----------------------|--|---------------------------|------------------------------|
| Incidents | Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.1, 3.2, 3.5, 3.7, 3.8, 3.9 |
| On FDR1? | No | Format | IsPrimaryFire = Yes/No |
| Notes: | This flag is automatically calculated dependent on the answers given. The definition of a primary fire | | |

The 'IsPrimaryFire' value will not be set for 'IncidentCategory' of 'SpecialService' or 'FalseAlarm'. It can only be set to 'yes/no' for 'Fires'.

If the Fire is a 'Secondary' or 'Chimney' Fire then it is not necessary to enter any further detailed PropertyCategory related fields of information defined in the following sub-sections.

The following table is included to provide further assistance in understanding the logic associated with setting of 'IsPrimaryFire' and the Classification.

1. Table Format

| Q3.5 - WereVictims Involved? | Q3.7 - NumberOf Appliances | Q3.2 - PropertyType (IsPrimaryFire attribute) | Q3.8 - IsDerelict | Q3.9 - IsChimneyFire (Buildings Only) | IsPrimaryFire setting based on rules | Fire Classification |
|------------------------------|----------------------------|---|-------------------|---------------------------------------|--------------------------------------|---------------------|
| Yes | Any | Any | No | No | Yes | Primary |
| Any | >=5 | Any | No | No | Yes | Primary |
| No | <5 | Yes | No | No | Yes | Primary |
| No | <5 | Yes | Yes | No | No | Secondary |
| No | <5 | Yes | No | Yes | No | Chimney |
| No | <5 | No | No | No | No | Secondary |

Notes:

- The 'pink' cells indicate the key decisions that define the Fire Classification.
- The 'greyed-out' questions are not asked, but defaulted to 'no' as they are not relevant for the Fire.
- 'Any' refers to any value permitted by the schema.
- isDerelict is only asked/permitted for PropertyTypes that have IsPrimaryFire attribute set to 'yes'.
- isChimneyFire is only asked/permitted for Buildings that are not Derelict.

5.4 Location Details

A key piece of information that the IRS collects for all incidents is the accurate incident location. For all incidents it is mandatory to have the grid location (easting and northing co-ordinates), in addition for

addressable locations the address details can be recorded.

Within the IRS forms system, for addressable locations the user locates the address using a gazetteer and this determines the co-ordinates. For non-addressable locations the user will select the location on a map.

Question 4.1 – Did the Incident occur at an addressable location?

| | | | |
|-----------------------|-----|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | | | |

Question 4.2 – Location Address*

| | | | |
|-----------------------|-----|---------------------------|------------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 4.1 = Yes |
| On FDR1? | Yes | Format | In XML – BS7666 format |
| Notes: | | | |

On the forms the following fields are displayed/ entered:

- 4.2a – Building Name/Number
- 4.2b – Postcode
- 4.2c – Flat/Unit Name/Number
- 4.2d – Street
- 4.2e – Locality
- 4.2f – Town
- 4.2g - County

Note: 4.2a, 4.2d are always required. At least one field of 4.2e, 4.2f and 4.2g is required.

Question 4.2k – Additional Location description

| | | | |
|-----------------------|-----|---------------------------|----------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | 4.1 = No |
| On FDR1? | No | Format | Text |
| Notes: | | | |

Question 4.3a/b – Location co-ordinates (Easting and Northing)

| | | | |
|-----------------------|--|---------------------------|---|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | Yes | Format | In XML – BS7666 format Numbers 1 - 9999999 |
| Notes: | On the forms the following fields are displayed/ entered for Addressables and Non-addressables: 4.3a – X—Coordinate (Easting) 4.3b – Y-Coordinate (Northing) | | |

5.5 Additional Information

The additional information section collects extra information depending on the type of incident.

In this section details of hazardous materials, RTC's and extrications are collected.

Question 5.1 – Did the fire have multiple seats?

| | | | |
|-----------------------|----------------------------|---------------------------|----------------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | Useful indicator of arson. | | |

Question 5.2 – How long was it between Ignition and Discovery?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>This field records the approximate time elapsed from the ignition of the fire to its discovery.</p> <p>This field together with 5.3 and the other fields relating to fire growth provide data which can be used to determine the relationship between attendance time and fire size. This is vital to accurate risk modelling and analysis.</p> | | |

| Code | Ignition to discovery | Includes |
|------|-----------------------------------|----------|
| 1 | Immediately | |
| 2 | Under 5 minutes | |
| 3 | 5 to 30 minutes | |
| 4 | Over 30 minutes and up to 2 hours | |
| 5 | Over 2 hours | |
| 0 | Not known | |

Question 5.3 – How long was it between Discovery and First Call?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This field records the estimated time elapsed from discovery of the fire to the first call made to fire Command & Control. | | |

| Code | Discovery to first call | Includes |
|------|-------------------------|----------|
| 1 | Immediately | |
| 2 | Under 5 minutes | |
| 3 | 5 to 30 minutes | |

| Code | Discovery to first call | Includes |
|------|-----------------------------------|----------|
| 4 | Over 30 minutes and up to 2 hours | |
| 5 | Over 2 hours | |
| 0 | Not known | |

Question 5.4 – How was the fire discovered?

| | | | |
|-----------------------|--------------|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | How discovered | Includes |
|------|------------------------|--------------|
| 1 | Person | running call |
| 2 | Automatic alarm system | |
| 99 | Other | animal |

Question 5.5 – Do fire safety regulations apply? (Consider if incident is not located in domestic premises).

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | For Building Primary fires only. This field is defaulted based on the selected property type, but this allows it to be overridden. Also used to determine other questions to be asked. | | |

Question 5.6 – Means of Escape

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.5 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | Will be used for trend analysis and monitoring of FIRE SAFETY REGULATIONS. Default to 'Not applicable' if Q5.5 = No | | |

| Code | Means of Escape | Includes |
|------|---|-------------------------|
| 1 | OK – no visible concerns | |
| 2 | Exits locked | |
| 3 | Exits blocked (e.g. Materials stored blocking exit) | |
| 4 | Exit route blocked by smoke/flames | |
| 5 | Poor implementation e.g. doors swing the wrong way | |
| 6 | Contents contributing to abnormal fire spread /smoke production | |
| 98 | Not applicable | Should not be selected. |

| | | |
|----|-------|--|
| 99 | Other | |
|----|-------|--|

Question 5.7 – Compartmentation

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.5 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | Will be used for trend analysis and monitoring of FIRE SAFETY REGULATIONS. Default to 'Not applicable' if Q5.5 = No | | |

| Code | Compartmentation | Includes |
|-------------|---|-----------------|
| 1 | Stopped/checked spread | |
| 2 | Breached - current building work | |
| 3 | Breached - previous building work | |
| 4 | Breached - fire doors left open or incorrectly fitted | |
| 5 | Damage to compartmentation | |
| 6 | Fire spread through gaps or voids in construction | |
| 90 | No compartmentation in building | |
| 98 | Not applicable | |
| 99 | Other | |

Question 5.8 – Was there any alarm system present?

| | | | |
|-----------------------|--|---------------------------|-----------------------------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Building Primary Fires Only |
| On FDR1? | Yes | Format | Radio – Yes/No/Don't know |
| Notes: | Used to determine which other questions to ask. Default to 'Yes' if Q3.2 derived value IsPropertyRegulated (FIRE SAFTEY REGULATIONS) = Yes. | | |

Question 5.9 – Alarm Systems Type

| | | | |
|-----------------------|--------------|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.8 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Alarm Systems present in vicinity of fire (origin of fire) | Category |
|------|--|--------------------|
| 2 | Smoke alarm – 1 year battery | Battery |
| 3 | Smoke alarm - long life battery | Battery |
| 4 | Smoke alarm – mains | Mains |
| 5 | Smoke alarm - mains and battery | Mains |
| 6 | Smoke alarm - Battery type not known | Battery |
| 7 | Mains security system including smoke alarm | Mains |
| 99 | Other | Other/ unspecified |
| 0 | Not known | Not known |

Question 5.10 - Alarm System Location

| | | | |
|-----------------------|--------------|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.8 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Location of alarm system | Includes |
|------|---------------------------|----------|
| 1 | In room of origin of fire | |
| 2 | On same floor as fire | |
| 3 | Different floor from fire | |

Question 5.11 – Alarm System Operated?

| | | | |
|-----------------------|--------------|---------------------------|-----------|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.8 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Did Alarm System operate? | Includes |
|------|------------------------------|----------|
| 1 | No | |
| 2 | Yes, but did not raise alarm | |
| 3 | Yes and raised alarm | |

Question 5.12 – Reason system did not function as intended

| | | | |
|-----------------------|---|---------------------------|---|
| Incidents | Primary Fire | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.8 = Yes + 5.11 = 'No' or 'Yes, but did not raise alarm' |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The options presented are based on the value of Question 5.11 Did Alarm System Operate? | | |

| Code | Reason if poor outcome (Alarm Systems – All values) | Options presented based on value of 5.11 Q69a) Did Alarm System Operate? |
|------|---|--|
| 1 | Alarm battery missing | No |
| 2 | Alarm battery defective | No |
| 3 | System not set up correctly | No |
| 4 | System damaged by fire | No |
| 5 | Fire not close enough to detector | No |
| 6 | Fault in system | No |
| 9 | System turned off | No |
| 10 | Fire in area not covered by system | No |
| 11 | Detector removed | No |
| 12 | Alerted by other means | No |
| 20 | Alarm was raised before the system operated | Yes, but did not raise alarm |
| 21 | No person in earshot | Yes, but did not raise alarm |
| 22 | Occupants did not respond | Yes, but did not raise alarm |
| 23 | No other person responded | Yes, but did not raise alarm |
| 99 | Other | (Applies to both) |
| 0 | Not known | (Applies to both) |

Question 5.13 – Was there anyone in the building at the time of the fire?

| | | | |
|-----------------------|-------------------------|---------------------------|---------------------------|
| Incidents | All Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No/Don't know |
| Notes: | For building fires only | | |

Question 5.14 – Is the building normally occupied?

| | | | |
|-----------------------|-------------------------|---------------------------|-----------|
| Incidents | All Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | For building fires only | | |

| Code | Is the Building normally occupied? (occupation status) | Includes |
|------|---|----------|
| 1 | Yes - occupied | |
| 3 | No - unoccupied permanently (vacant) | |
| 4 | No - under construction | |
| 0 | Not known | |

Question 5.15 – Cause/Motive

| | | | |
|-----------------------|-----------|---------------------------|-----------|
| Incidents | All Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Motive | Includes |
|------|------------------------------|----------|
| 1 | Accidental | |
| 2 | Deliberate – own property | |
| 3 | Deliberate – others property | |
| 4 | Deliberate – unknown owner | |
| 0 | Not known | |

Question 5.16 – Estimated Fire Damage (sq. m.)

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Secondary Outdoor Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>Question 8.35 is the same question but for Primary Fires. For outdoor secondary fires only This will be used for international reporting and comparisons (EU, UN). It will also be useful for environmental assessments and potentially monitoring of climate change.</p> <p>Note: Fire Damage that is over 10,000 square metres (1 hectare) will be captured as an additional attribute 'Please specify the fire damage area in hectares' defining the number of hectares damaged (1 to 9,999,999).</p> <p>If Q5.16 is set to 12 for Outdoor Fires, then additional question Q5.16a will appear.</p> | | |

| Code | Area – sq metres | Includes |
|------|------------------|----------|
| 0 | 0 | |
| 1 | Up to 5 | |
| 2 | 6 – 10 | |
| 3 | 11 -20 | |
| 4 | 21 – 50 | |
| 5 | 51 – 100 | |
| 6 | 101 – 200 | |
| 7 | 201 – 500 | |
| 8 | 501 – 1,000 | |
| 9 | 1,001 – 2,000 | |
| 10 | 2,001 – 5,000 | |
| 11 | 5,001 – 10,000 | |
| 12 | Over 10,000 | |

Question 5.16a – Please specify the fire damage area in hectares

| | | | |
|-----------------------|-------------------------|---------------------------|----------------------|
| Incidents | Secondary Outdoor Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q5.16 = 12 |
| On FDR1? | No | Format | Number (0 – 9999999) |
| Notes: | | | |

Question 5.17 – If grassland/woodland, was fire in an area designated as a National Park?

| | | | |
|------------------|-------------------------|---------------------------|-----------|
| Incidents | Secondary Outdoor Fires | Optional/Mandatory | Mandatory |
|------------------|-------------------------|---------------------------|-----------|

| | | | |
|-----------------------|---|-------------------|----------------|
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | Question 8.36 is the same question but for Primary Fires. For outdoor secondary fires only | | |

Question 5.18 – Were there any hazardous materials Involved?

| | | | |
|-----------------------|--|---------------------------|---------------------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No/Don't know |
| Notes: | Defaulted to Yes for SpecialService Hazmat Incidents derived from the Mobilise Incident Type Heirarchy (IsHazMat value). Defaulted to 'No' for all others. | | |

Question 5.19 – What hazardous materials were involved? (Please list the UN numbers of the hazardous materials)

| | | | |
|-----------------------|--|---------------------------|---------------------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.18 = Yes |
| On FDR1? | No | Format | Drop Down (4 digit value) |
| Notes: | A Drop down list is provided of the most commonly used values for convenience (see below). | | |

| UN Number | Description | Includes |
|-----------|------------------------------|----------|
| 1001 | Acetylene | |
| 1005 | Ammonia | |
| 1017 | Chlorine | |
| 1202 | Diesel fuel | |
| 1789 | Hydrochloric acid | |
| 1223 | Kerosene | |
| 1075 | LPG | |
| 2031 | Nitric acid | |
| 1072 | Oxygen, compressed | |
| 1073 | Oxygen, refrigerated liquid | |
| 1203 | Petrol | |
| 1823 | Sodium hydroxide solid | |
| 1824 | Sodium hydroxide solution | |
| 1830 | Sulphuric acid (over 51%) | |
| 2796 | Sulphuric acid (51% or less) | |

Question 5.20 – What is the Emergency Action Code for this material?

| | | | |
|-----------------------|---|---------------------------|------------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 5.18 = Yes |
| On FDR1? | No | Format | 2 – 3 characters |
| Notes: | A specific format of digits and letters | | |

Question 5.21 – What is the Hazard Identification Number for this material?

| | | | |
|-----------------------|---|---------------------------|------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 5.18 = Yes |
| On FDR1? | No | Format | 1 – 4 char |
| Notes: | A specific format of digits and letters | | |

Question 5.22 – Was the incident an RTC?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 or 3.3 |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | <p>Only shown for Fires with PropertyType of RoadVehicles and RTC Special Services (attribute on Property Type Hierarchy). Defaulted to No for all others.</p> <p>Default to 'Yes' if Q3.3 Special Service Type Hierarchy derived value IsRTC = Yes.</p> | | |

Question 5.23 – Number of cars/small vehicles involved

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes, 3.2 |
| On FDR1? | No | Format | Number 0-9999 |
| Notes: | Only for Property Type of 'Multiple Vehicles' [Code = 150]. | | |

Question 5.24 – Number of large vehicles involved

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes, 3.2 |
| On FDR1? | No | Format | Number 0-9999 |
| Notes: | Only for Property Type of 'Multiple Vehicles' [Code = 150]. | | |

Question 5.25 – Number of motorbikes involved

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes, 3.2 |
| On FDR1? | No | Format | Number 0-9999 |
| Notes: | Only for Property Type of 'Multiple Vehicles' [Code = 150]. | | |

Question 5.26 – Were any RTC extrications performed?

| | | | |
|-----------------------|-----------------------|---------------------------|----------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | | | |

Question 5.27 – Vehicle Type (for each type of vehicle where an extrication was performed)

| | | | |
|-----------------------|-----------------------|---------------------------|------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | | | |

| Code | Extrication: Type of Vehicle? | Includes |
|------|-------------------------------|----------|
| 1 | Car | |
| 2 | Van | |
| 3 | Motor Home | |
| 4 | Agricultural | |
| 5 | Motorcycle | |
| 6 | Lorry/HGV | |
| 7 | Bus/coach | |
| 8 | Minibus | |
| 9 | Caravan on tow | |
| 99 | Other | |

Question 5.28 – Position of Vehicle

| | | | |
|-----------------------|---|---------------------------|------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | This information can be used to determine training needs and best practice. | | |

| Code | Extrication: Type of Vehicle? | Includes |
|------|-------------------------------|----------|
| 1 | On wheels | |
| 2 | On roof | |
| 3 | On side | |
| 99 | Other | |

Question 5.29 – Type of extrication method used

| | | | |
|-----------------------|---|---------------------------|------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | This information can be used to determine training needs and best practice. | | |

| Code | Extrication: Method Used? | Includes |
|------|--------------------------------|----------|
| 1 | Dashboard roll | |
| 2 | Roof removal | |
| 3 | Roof flap (vehicle on side) | |
| 4 | B post rip | |
| 5 | Side removal (vehicle on roof) | |
| 99 | Other space creation | |

Question 5.30 - Time Taken for extrication

| | | | |
|-----------------------|--|---------------------------|------------|
| Incidents | Fire, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 5.22 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | Can be used to determine the impact of FRS attendance and effectiveness of intervention. | | |

| Code | Extrication: Time Taken? | Includes |
|------|--------------------------|----------|
| 1 | Up to 15 minutes | |
| 2 | 16-30 minutes | |
| 3 | 31-45 minutes | |
| 4 | 46-60 minutes | |
| 5 | Over 60 minutes | |

5.6 Resources Used

The resources used section records the appliances that attended the incident and the equipment used during the incident.

This information hasn't been collected in such detail before, on the FDR1 only the total number of appliances and main jets used were collected.

The XML Schema also allows for the Firefighter callsigns to be recorded, but these are not described here as they are not displayed/used in the forms. They can, however, be pre-populated by a Command and Control system.

Question 6.1 – How many officers (non-rider) attended the incident that did not travel on the FRS appliance(s)?

| | | | |
|-----------------------|--------------------|---------------------------|---------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Number 0-9999 |
| Notes: | Defaulted to zero. | | |

Question 6.2 – Please enter information known about the FRS vehicle(s) attending the incident

| | | | |
|-----------------------|---|---------------------------|--------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Drop-Down (3 char) |
| Notes: | <p>Knowing the type of vehicle used is key to allow IRMP and analysis of differing responses.</p> <p>This list is based on the FireControl Convergence Product 3 definitions but has had to be modified slightly as they have an attribute based mobilising model and the IRS records actual vehicles sent.</p> <p>Note: TPT = 'Prime movers / Tractor units' will not be a value that can be used for IRS system. PLT, PSF, TFF, TOC have been added for the IRS system.</p> | | |

| Vehicle Type Code | Category Id | Description |
|-------------------|-------------|------------------------|
| ATL | Aerial | Turntable ladder |
| AHP | Aerial | Hydraulic platform |
| ALP | Aerial | Aerial ladder platform |
| AWT | Aerial | Water tower |
| AA | Aerial | Other aerial appliance |
| | | |
| BTF | Boat | Fire boat |
| BTI | Boat | Inshore waters boat |
| BTC | Boat | Coastal waters boat |
| BTR | Boat | Rescue boat |
| BTS | Boat | Safety boat |
| BTT | Boat | Transport boat |

| Vehicle Type Code | Category Id | Description |
|-------------------|--------------------|---|
| CCU | Command | Control unit |
| CFC | Command | Forward control unit |
| CSU | Command | Command unit |
| CS | Command | Command support |
| FIU | Fire Investigation | Fire investigation unit |
| HHM | Hazmat | Hazardous materials unit |
| HCU | Hazmat | Chemical unit |
| HIR | Hazmat | Incident response unit |
| PPL | Pumping | Pump / Pump ladder |
| PWT | Pumping | Water tender |
| PWL | Pumping | Water tender ladder |
| HDP | Pumping | Heavy duty pump |
| PLT | Pumping | L4T – 4 x 4 or other off road or specialist vehicle |
| PSF | Pumping | Small fires unit |
| RRT | Rescue | Rescue tender |
| RRU | Rescue | Fire rescue unit |
| RUU | Rescue | Urban search and rescue unit |
| RCV | Rescue | Co-responder vehicle |
| RSV | Rescue | Other specialist vehicle |
| SST | Support | Salvage tender / Damage control unit |
| SFT | Support | Foam tender |
| SBA | Support | BA lorry / BA van |
| SCV | Support | Canteen van |
| TGL | Transport | General purpose lorry |
| TGV | Transport | General purpose van |
| TPT | Transport | Prime movers / Tractor units |
| TC | Transport | Personnel carriers |
| TFF | Transport | 4 x 4 |
| TOC | Transport | Officer's car |
| WHL | Water management | Hose layer |
| WTK | Water management | Water carrier / Tanker |

Question 6.3 – Callsign (FRS and/or RCC callsign)

| | | | |
|-----------------------|---|---------------------------|---|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | FRS callsign (1 – 50 characters) RCC callsign (7 characters) |
| Notes: | This can be the FRS callsign or the RCC callsign or both. The RCC callsigns are as defined in the FiReControl convergence product 3 for mobile resources. | | |

Question 6.4 – How many crew were dispatched with the vehicle?

| | | | |
|-----------------------|-----|---------------------------|-------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Number 0-20 |
| Notes: | | | |

Question 6.5 – Was the resource demounted from a vehicle for use at the scene (e.g. a pod)?

| | | | |
|-----------------------|---|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | This field is used to indicate if this was a demounted resource. For the IRS we are interested in the actual equipment not how it got there. For example a Command Unit could be a vehicle or a demountable unit. Default to No. | | |

Question 6.6 – What time was the appliance mobilised?

| | | | |
|-----------------------|-----|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Date/Time |
| Notes: | | | |

Question 6.7 – What time was the appliance mobile?

| | | | |
|-----------------------|-----|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Date/Time |
| Notes: | | | |

Question 6.8 – What time did the appliance arrive at the scene?

| | | | |
|-----------------------|-----|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |

| | | | |
|-----------------|----|---------------|-----------|
| On FDR1? | No | Format | Date/Time |
| Notes: | | | |

Question 6.9 – What time was the appliance available for other calls?

| | | | |
|-----------------------|-----|---------------------------|-----------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Date/Time |
| Notes: | | | |

Question 6.10 – Where was the Appliance Deployed from?

| | | | |
|-----------------------|---|---------------------------|---|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Radio – HomeStation / OtherStation / OtherLocation |
| Notes: | This is used to indicate whether the appliance was deployed from the home station or not. If an appliance is deployed when 'on the run' then this needs to be known if any analysis of effectiveness of response is to be made. | | |

Question 6.11 – FRS / Station ID?

| | | | |
|-----------------------|---|---------------------------|-------------------------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 6.10 = OtherStation |
| On FDR1? | No | Format | Drop Down(s) 2 char + 3 char |
| Notes: | The value is defaulted from the FireOfficers logon username for 6.10 = HomeStation. It is only displayed for 6.10 = OtherStation . This uses the drop-down lists used for Q1.2 and Q1.3. | | |

Question 6.12 – Was the Appliance Deployed from an addressable location?

| | | | |
|-----------------------|-----|---------------------------|-------------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 6.10 = OtherLocation |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | | | |

Question 6.13 – Deployed from address

| | | | |
|-----------------------|---|---------------------------|-------------------------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 6.10 = OtherLocation and 6.12 = Yes |
| On FDR1? | No | Format | |
| Notes: | Address format is the same as the Q4.2 Incident Location Address. | | |

Question 6.14a & b – Deployed from co-ordinates

| | | | |
|-----------------------|--|---------------------------|----------------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | 6.10 = OtherLocation |
| On FDR1? | No | Format | 7 digits |
| Notes: | Same format as the Q4.3 Incident Location Coordinates. | | |

Deployed To Location (not available on the forms)

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | <p>Same format as the Q4.3 Incident Location Coordinates.</p> <p>This question exists in the XML schema, but is not shown on the forms. It allows the location to which an appliance is 'deployed to' be recorded. With the introduction of RCCs this information will become available.</p> | | |

Question 6.15 – Was any equipment used at the incident?

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | Yes | Depends on | |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | <p>Used to indicate if any equipment was used at the incident. For a false alarm this would normally not be required but there may be instances where resources were used, so the capability is allowed.</p> <p>Defaulted to Yes for Fire and Special Service, defaulted to No for False Alarms and Late Calls.</p> <p>For special service the user can select 'No' e.g. for Standby , or Advice only.</p> | | |

Question 6.16 – Type of Equipment Used

| | | | |
|-----------------------|--|---------------------------|------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 6.15 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>This field records the type of actual equipment that was used at the incident. Together with Question 6.17, which records the number used, it shows what was required to handle the incident.</p> <p>This information can be used to allow a National analysis of response requirements and equipment usage. This will provide input to resource needs analysis and is an input to the determination of 'Best Practice'.</p> <p>This list is based on the FireControl Convergence Product 3 definitions but has been added to, in particular to allow for the smaller equipment items.</p> | | |

| Equipment Type Code | Category Id | Description |
|---------------------|----------------|--------------------------|
| 1 | Water Delivery | Hosereel – high pressure |
| 2 | Water Delivery | Hosereel – low pressure |
| 3 | Water Delivery | Main line/jet |
| 4 | Water Delivery | Monitor – high pressure |
| 5 | Water Delivery | Monitor – low pressure |
| 6 | Water Delivery | Fire bucket |
| 12 | Water delivery | Stirrup pump |
| 7 | Water Delivery | Other |
| 8 | Foam | Low expansion |
| 9 | Foam | Medium expansion |
| 10 | Foam | High expansion |
| 11 | Foam | Other |
| 20 | Extinguisher | Water |

| Equipment Type Code | Category Id | Description |
|---------------------|------------------------------|------------------------------------|
| 21 | Extinguisher | CO2 |
| 22 | Extinguisher | Dry powder |
| 23 | Extinguisher | Other |
| | | |
| 24 | PPV | Active firefighting |
| 25 | PPV | Smoke clearance |
| 26 | PPV | Fire other |
| | | |
| 27 | RPE | CABA – standard duration |
| 28 | RPE | CABA – extended duration |
| 29 | RPE | Oxygen BA |
| 30 | RPE | Other |
| | | |
| 40 | Ladders | 13.5m |
| 41 | Ladders | 9/10.5m |
| 42 | Ladders | Roof ladder |
| 43 | Ladders | Short extension |
| 44 | Ladders | Triple/Short extension ladder |
| 45 | Ladders | Other |
| | | |
| 50 | Lifting & Hydraulic | Cutters/Spreaders |
| 51 | Lifting & Hydraulic | Combi tools |
| 52 | Lifting & Hydraulic | Door opener |
| 53 | Lifting & Hydraulic | Rams |
| 54 | Lifting & Hydraulic | Air bags |
| 55 | Lifting & Hydraulic | Lifting & animal harnesses, straps |
| 56 | Lifting & Hydraulic | Winches |
| 57 | Lifting & Hydraulic | Other |
| | | |
| 60 | Decontamination Equipment | Decontamination equipment |
| | | |
| 61 | Chemical Protective Clothing | gas tight |
| 62 | Chemical Protective Clothing | non-gas tight |
| | | |
| 63 | Line rescue | Line rescue |
| | | |
| 64 | Detection/Location Equipment | Thermal imaging camera |
| 65 | Detection/Location Equipment | Flexible cameras |
| 66 | Detection/Location Equipment | DIM (ND) |
| 67 | Detection/Location Equipment | Other |
| | | |
| 70 | First aid | Defibrillator (AED) |

| Equipment Type Code | Category Id | Description |
|---------------------|------------------------------|-----------------------------------|
| 71 | First aid | Oxygen |
| 72 | First aid | Resuscitator |
| 58 | First aid | Spinal board |
| 73 | First aid | Other |
| 74 | Electric Saws/Cutters | Electric Saws/Cutters |
| | | |
| 75 | Pumping Equipment | Electric submersible pump |
| 76 | Pumping Equipment | Portable pump |
| 77 | Pumping Equipment | Vacuum , suction hose |
| | | |
| 78 | Environment Agency Equipment | Environment agency equipment |
| | | |
| 79 | Forcible Entry Tools | Axes/Hammers/Crowbars/Croppers |
| | | |
| 80 | Lift Keys | Lift keys |
| | | |
| | | |
| 85 | Wild fire | Fire beaters |
| 86 | | Rakes, shovels, mathooks |
| 87 | | Knapsacks |
| 88 | | Strategically located water tanks |
| | | |
| 81 | Mud/Rescue Paths | Mud/Rescue paths |
| | | |
| 82 | Small tools | Shovels/Forks/Brooms/Chimney Rods |
| | | |
| 90 | Fire investigation dog | Fire investigation dog |
| | | |

Question 6.17 – Number Used

| | | | |
|-----------------------|-----|---------------------------|----------------|
| Incidents | All | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 6.15 = Yes |
| On FDR1? | No | Format | Number 0 - 999 |
| Notes: | | | |

Call sign of Equipment

| | | | |
|-----------------------|---|---------------------------|---|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 6.15 = Yes |
| On FDR1? | No | Format | RCC text (7 char) or FRS text (1-50 char) |
| Notes: | This question exists in the XML schema, but is not shown on the forms. For each equipment item used at the incident, the call sign can be recorded. | | |

Call sign of Firefighter

| | | | |
|-----------------------|---|---------------------------|---|
| Incidents | All | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | RCC text (7 char) or FRS text (1-50 char) |
| Notes: | This question exists in the XML schema, but is not shown on the forms. For each fire officer attending the incident, the call sign can be recorded. If this data is available from the Command & Control system then it can be pre-populated. | | |

5.7 Action

This section provides details about any action taken and noted on attendance.

The purpose of the Details of Action form is to record information on any action taken on attending the fire incident. This includes the following:

- Fire fighting actions taken
- Manual fire-fighting equipment available
- Fixed fire-fighting facilities available
- Active fire-fighting facilities available

This section is only completed for **Primary Fires**.

Question 7.1 – Was there a delay in commencing firefighting actions?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | No | Format | Drop Down |
| Notes: | This is an area of increasing concern and a potential issue. This data shows delays which are outside the control of the crews and FRS. This provides input to Firefighting effectiveness, Fire Safety and Regulations. | | |

| Code | Delay | Includes |
|------|---|----------|
| 1 | No delay | |
| 2 | Delay due to: Sent to wrong direction | |
| 3 | Delay due to: Vehicle access problems | |
| 4 | Delay due to: Accessing fire - large site | |
| 5 | Delay due to: Accessing fire - due to building type e.g. high rise building | |
| 6 | Delay due to: Accessing fire - security doors/other security measures | |
| 7 | Delay due to: Location of fire not immediately evident | |
| 8 | Delay due to: Civil disturbance | |
| 9 | Delay due to: Assault on Firefighters | |

Question 7.2 – What was the main action taken by the general public prior to arrival?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Actions by non FRS | Includes |
|------|--------------------|----------|
|------|--------------------|----------|

| Code | Actions by non FRS | Includes |
|------|-----------------------------|----------|
| 1 | None | |
| 3 | Removal from heat source | |
| 4 | Fuel supply disconnected | |
| 5 | Smothering | |
| 6 | Water from bucket/container | |
| 7 | Water from garden hose | |
| 8 | Used hosereel | |
| 9 | Fire extinguisher | |
| 10 | Beaten out | |
| 20 | Work Team | |
| 99 | Other | |
| 0 | Not known | |

Question 7.3 – What was the main action taken by FRS personnel?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Main action by FRS | Includes | |
|------|------------------------|---|----------------------|
| 1 | None | No firefighting | |
| 2 | | Burned out (Allowed to burn under control) | |
| 3 | Small means | Removal from/of heat source | |
| 4 | | Cutting away | |
| 5 | | Disconnection of fuel supply | switched off |
| 6 | | Beating, stamping | |
| 7 | | Smothering – use of sand, earth, snow etc | |
| 8 | | Smothering – use of fire blanket | |
| 34 | | Smothering – use of fire beaters | |
| 9 | | Smothering – use of other method | |
| 10 | | Water – from bucket/containers | |
| 33 | | Water – domestic supply | |
| 11 | | Immersed in water | |
| 12 | | Other small means | hearth kit |
| | | | |
| 13 | Portable extinguishers | CO ₂ (carbon dioxide) | mobile unit |
| 14 | | Other vaporising liquid | BCF, CTC, CBM, HALON |
| 15 | | Dry powder (DP) | |
| 16 | | Water, soda acid, gas expulsion etc (water stored pressure) | |
| 17 | | Foam – AFFF (Aqueous Film Forming Foam) | |

| Code | Main action by FRS | Includes | |
|------|--------------------------------|--|-----------------------------------|
| 18 | | Foam – other than AFFF | |
| 19 | | Extinguisher – other | type unspecified |
| 20 | Non-portable/ fixed sources | Water from garden hose | |
| 21 | | Water from fixed hosereel installation | |
| 22 | | Bulk CO ₂ | |
| 23 | | Specialist extinguishing agents used in bulk | |
| 24 | Other sources | Hosereel (low pressure) (HR) - tank supply only | |
| 25 | | Hosereel (low pressure) (HR) - augmented supply | |
| 26 | | Hosereel (high pressure) (HRJ) - tank supply only | |
| 27 | | Hosereel (high pressure) (HRJ) - augmented supply | |
| 28 | | Main branch/Jet (J) | high pressure, water fan spray |
| 29 | | Foam – low expansion (LX) or type unspecified | |
| 30 | | Foam – medium expansion (MX) | |
| 31 | | Foam – high expansion (HX) | |
| 32 | | Monitors (MON) – ground or aerial (if using foam use 'Foam' categories | |
| 99 | Other | Other methods | Positive Pressure Ventilation |
| 0 | Not known | | |

Question 7.4 – Were any manual systems used by FRS personnel?

| | | | |
|-----------------------|---------------|---------------------------|---------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No/Don't know |
| Notes: | | | |

Question 7.5 – Type of Fire Fighting Equipment used by FRS personnel

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 7.4 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Manual systems | Includes |
|------|--|----------|
| 2 | Fire buckets | |
| 3 | Portable extinguishers | |
| 4 | Fire blanket | |
| 5 | Hosereel | |
| 6 | Larger system that is started manually | |
| 7 | Firebeaters | |
| 99 | Other | |

Question 7.6 – Effect of Manual System on fire

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 7.4 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Impact of manual systems | Includes |
|------|--------------------------|----------|
| 1 | Extinguished fire | |
| 2 | Contained fire | |
| 3 | Did not contain fire | |
| 4 | Made incident worse | |
| 5 | None | |
| 99 | Other | |

Question 7.7 – Were any Building Fire Fighting facilities present?

| | | | |
|-----------------------|--|---------------------------|---------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio - Yes/No/Don't know |
| Notes: | Only displayed for Building Primary Fires Only. Defaulted to Yes/No based on the value of the Q5.5 FIRE SAFTEY REGULATIONS field. | | |

Question 7.8 – Fixed Fire Fighting facilities present

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 7.7 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | For Fire engineering and Building requirements. Together with Q7.9, 7.10 allows analysis of which facilities are used and whether they are in working order. | | |

| Code | Fire service building facilities present | Includes |
|------|--|----------|
| 1 | Dry risers | |
| 2 | Wet risers | |
| 3 | Firefighting lift | |
| 4 | Firefighting shaft | |
| 5 | Foam makers/drenchers/downcomers | |
| 6 | Smoke extraction/ventilation | |
| 99 | Other | |

Question 7.9 – Building facilities used?

| | | | |
|-----------------------|---------------|---------------------------|----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 7.7 = Yes |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | | | |

Question 7.10 – If not working, why?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 7.7 = Yes |
| On FDR1? | No | Format | Drop Down |
| Notes: | Will allow analysis of any trends after implementation of FIRE SAFTEY REGULATIONS | | |

| Code | Fire service building facilities (by type) not working due to: | Includes |
|------|--|----------|
| 1 | Poor maintenance | |
| 2 | Vandalism | |
| 3 | Damaged by fire | |

Question 7.11 – Were there any active safety systems present?

| | | | |
|-----------------------|---|---------------------------|---------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q5.5 = Yes |
| On FDR1? | Yes | Format | Radio - Yes/No/Don't know |
| Notes: | Defaulted to Yes/No based on the value of the Q5.5 FIRE SAFTEY REGULATIONS field. | | |

Question 7.12 – Type of active safety systems present

| | | | |
|-----------------------|---------------|---------------------------|-------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q7.11 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Active Firefighting Systems present in vicinity of fire (origin of fire) | Includes |
|------|--|----------|
| 2 | Sprinklers | |
| 3 | Water mist | |
| 4 | Gaseous system - halon | |
| 5 | Gaseous system - other | |
| 6 | Pressurisation | |
| 7 | Smoke ventilation | |
| 8 | Drencher | |
| 9 | Foam | |
| 10 | Powder | |
| 99 | Other | |

Question 7.13 – Location of active safety systems in relation to Fire

| | | | |
|-----------------------|---------------|---------------------------|-------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q7.11 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Location of active systems | Includes |
|------|----------------------------|----------|
| 1 | In room of origin of fire | |

| | | |
|---|---------------------------|--|
| 2 | On same floor as fire | |
| 3 | Different floor from fire | |

Question 7.14 – Did the safety system operate?

| | | | |
|-----------------------|---------------|---------------------------|-------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q7.11 = Yes |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Did Active Firefighting System operate? | Includes |
|------|---|----------|
| 1 | No | |
| 2 | Yes, but did not raise alarm | |
| 3 | Yes and raised alarm | |

Question 7.15 – How many operated?

| | | | |
|-----------------------|---------------|---------------------------|---|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q7.11 = Yes + Q7.14 = 'Yes' or Yes, but did not raise alarm' |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Number of sprinkler heads operated | Includes |
|------|------------------------------------|----------|
| 1 | 0 | |
| 2 | 1 | |
| 3 | 2 | |
| 4 | 3 | |
| 5 | 4 | |
| 6 | 5 | |
| 7 | More than 5 | |
| 0 | Not known | |

Question 7.16 – Impact upon Fire

| | | | |
|-----------------------|---------------|---------------------------|---|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q7.11 = Yes + Q7.14 = 'Yes' or Yes, but did not raise alarm' |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | What was the Active Firefighting Systems impact? | Includes |
|------|--|----------|
| 1 | Extinguished | |
| 2 | Contained/controlled | |
| 3 | Did not contain/control | |
| 0 | Not known | |

Question 7.17 – Reason safety system did not function as intended

| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|----------------|---------------|--------------------|---|
| Pre-populated? | | Depends on | Q7.11 = Yes + Q7.14 = 'No' or 'Yes, but did not raise alarm' |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Reason if poor outcome (Active Firefighting Systems – subset of values) | Includes |
|------|---|---|
| 3 | System not set up correctly | |
| 4 | System damaged by fire | |
| 6 | Fault in system | |
| 9 | System turned off | |
| 10 | Fire in area not covered by system | |
| 98 | Not applicable | Defaulted to this value when Q7.14 = 'Yes' as the field is Mandatory. |
| 99 | Other | |
| 0 | Not known | |

5.8 Damage

This section details the damage to the property on attendance. This section is only completed for Primary Fires.

The following information is required to complete the form:

- Details on the cause of the fire
- Details of any dangerous substances or explosions involved in the fire incident
- Details on the damage to dwellings caused by the fire
- Description of the affected building

Question 8.1 – What was the cause of the fire?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q5.15 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list is filtered based on the Q5.15 Motive category | | |

| Code | Motive | Cause (Only causes for the selected Motive will be shown) | Include |
|------|------------------|---|---------------------------------------|
| 1 | Accidental | Faulty fuel supplies - Gas | |
| 2 | Accidental | Faulty fuel supplies - Electricity | |
| 3 | Accidental | Faulty fuel supplies - Petrol product | |
| 4 | Accidental | Faulty leads to equipment or appliance | 8.2 - Capture Make/Model of appliance |
| 5 | Accidental | Fault in equipment or appliance | 8.2 - Capture Make/Model of appliance |
| 6 | Accidental | Cooking - chip pan/deep fat fryer | |
| 7 | Accidental | Cooking - other cooking | |
| 8 | Accidental | Negligent use of equipment or appliance (heat source) | |
| 9 | Accidental | Playing with fire (or heat source) | |
| 10 | Accidental | Careless handling - due to sleep or unconsciousness | |
| 11 | Accidental | Careless handling - due to careless disposal | |
| 14 | Accidental | Careless handling - due to knocking over | |
| 15 | Accidental | Combustible articles too close to heat source (or fire) | |
| 16 | Accidental | Person too close to heat source (or fire) | |
| 17 | Accidental | Vehicle crash or collision | 8.2 - Capture Make/Model of appliance |
| 18 | Accidental | Chimney fire | |
| 19 | Accidental | Bonfire going out of control | |
| 20 | Accidental | Other intentional burning, going out of control | |
| 21 | Accidental | Accumulation of flammable material | |
| 22 | Accidental | Natural occurrence | |
| 23 | Accidental | Overheating, unknown cause | |
| 25 | Deliberate - own | Bomb/incendiary device | |

| Code | Motive | Cause (Only causes for the selected Motive will be shown) | Include |
|------|------------------------------|--|---------------------------------------|
| | property | | |
| 26 | Deliberate - own property | Suicide/attempted: setting fire to self | |
| 27 | Deliberate - own property | Homicide/attempted: setting fire to other person/s | |
| 28 | Deliberate - own property | Heat source and combustibles brought together deliberately | |
| | | | |
| 30 | Deliberate - others property | Bomb/incendiary device | |
| 31 | Deliberate - others property | Suicide/attempted: setting self to fire | |
| 32 | Deliberate - others property | Homicide/attempted: setting fire to other person/s | |
| 33 | Deliberate - others property | Heat source and combustibles brought together deliberately | |
| | | | |
| 35 | Deliberate - unknown owner | Bomb/incendiary device | |
| 36 | Deliberate - unknown owner | Suicide/attempted: setting self to fire | |
| 37 | Deliberate - unknown owner | Homicide/attempted: setting fire to other person/s | |
| 38 | Deliberate - unknown owner | Heat source and combustibles brought together deliberately | |
| | | | |
| 40 | Not known | Faulty fuel supplies – Gas | |
| 41 | Not known | Faulty fuel supplies – Electricity | |
| 42 | Not known | Faulty fuel supplies – Petrol product | |
| 43 | Not known | Faulty leads to equipment or appliance | 8.2 – Capture Make/Model of appliance |
| 44 | Not known | Fault in equipment or appliance | 8.2 – Capture Make/Model of appliance |
| 45 | Not known | Cooking – chip pan/deep fat fryer | |
| 46 | Not known | Cooking – other cooking | |
| 47 | Not known | Negligent use of equipment or appliance (heat source) | |
| 48 | Not known | Playing with fire (or heat source) | |
| 49 | Not known | Careless handling - due to sleep or unconsciousness | |
| 50 | Not known | Careless handling - due to careless disposal | |
| 53 | Not known | Careless handling - due to knocking over | |
| 54 | Not known | Combustible articles too close to heat source (or fire) | |
| 55 | Not known | Person too close to heat source (or fire) | |
| 56 | Not known | Vehicle crash or collision | 8.2 – Capture Make/Model of appliance |
| 57 | Not known | Chimney fire | |
| 58 | Not known | Bonfire going out of control | |

| Code | Motive | Cause (Only causes for the selected Motive will be shown) | Include |
|------|-----------|---|---------------------------------------|
| 59 | Not known | Other intentional burning, going out of control | |
| 60 | Not known | Accumulation of flammable material | |
| 61 | Not known | Natural occurrence | |
| 62 | Not known | Overheating, unknown cause | |
| 98 | | Not applicable | |
| 99 | | Other | 8.2 – Capture Make/Model of appliance |

Question 8.2 – What was the make and model?

| | | | |
|-----------------------|--|---------------------------|----------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.1 |
| On FDR1? | No | Format | Text (1 – 255 chars) |
| Notes: | This question is only asked if the Main Cause (Q8.1) is one of the those listed above where it is required to capture further detail e.g. Fault in equipment or appliance. Information on make/model is required to allow searches when FINDS requests are received. | | |

Question 8.3 – Caused by?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | Can be used to inform Community Fire Safety. | | |

| Code | Caused by (To be reviewed – age ranges required) | Includes |
|------|--|----------|
| 1 | Child (0 - 9) | |
| 2 | Youth (10 - 17) | |
| 3 | Adult (18 - 64) | |
| 4 | Elderly (65 plus) | |
| 5 | Person, age not known | |
| 6 | Animal | |
| 98 | Not applicable | |
| 99 | Other | |
| 0 | Not known | |

Question 8.4 – What was the source of ignition?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Main source of ignition | Description | Ignition source Power defaulted e.g. 3 = Electric. (determines whether to ask 8.5 below) |
|------|-------------------------|-------------------------------------|--|
| 1 | Cooking appliance | Cooker incl oven | |
| 2 | | Ring/hot plate (separate appliance) | |
| 3 | | Microwave oven | 3 = Electric |
| 4 | | Grill/toaster | |
| 5 | | Barbecue | |
| 6 | | Camping stove | |
| 81 | | Deep fat fryer | |
| 7 | | Other cooking appliance | |
| 44 | Matches and candles | Matches | 98 = Not applicable |
| 47 | | Candles | 98 = Not applicable |
| 45 | Smoking | Cigarette lighter | 98 = Not applicable |

| Code | Main source of ignition | Description | Ignition source Power defaulted e.g. 3 = Electric. (determines whether to ask 8.5 below) |
|------|--------------------------------|--------------------------------------|--|
| | Related | | |
| 46 | | Smoking materials | 98 = Not applicable |
| 75 | | Oil/incense burners | 98 = Not applicable |
| 58 | Other domestic style appliance | Fridge/Freezer | |
| 8 | | TV | 3 = Electric |
| 9 | | Audio equipment | 3 = Electric |
| 10 | | PC equipment (domestic use) | 3 = Electric |
| 11 | | Video/DVD | 3 = Electric |
| 60 | | Other electrical visual equipment | 3 = Electric |
| 12 | | Washing machine | 3 = Electric |
| 13 | | Tumble dryer | 3 = Electric |
| 78 | | Washer/Dryer combined | 3 = Electric |
| 14 | | Vacuum cleaner | 3 = Electric |
| 15 | | Iron | 3 = Electric |
| 61 | | Trouser press | 3 = Electric |
| 16 | | Extractor fan | 3 = Electric |
| 17 | | Dishwasher | 3 = Electric |
| 18 | | Electric blanket | 3 = Electric |
| 19 | | Hair dryer | 3 = Electric |
| 20 | | Electric kettle | 3 = Electric |
| 21 | | Blow lamp/Paint remover | |
| 62 | | Battery charger | 3 = Electric |
| 63 | | Spin dryer | 3 = Electric |
| 22 | | Gardening equipment | |
| 23 | | Other domestic style appliance | |
| 24 | Electric Lighting | Fairy lights | 3 = Electric |
| 25 | | Spot lights | 3 = Electric |
| 64 | | Other incandescent light bulbs | 3 = Electric |
| 26 | | Fluorescent lights | 3 = Electric |
| 27 | | Other lights | |
| 28 | Heating equipment | Heater/Fire | |
| 59 | | Patio equipment | |
| 29 | | Central heating/hot water | |
| 73 | | Other heating equipment | |
| 30 | | Separate water heating | |
| 31 | | Food warming equipment (not cooking) | |
| 74 | | Power source | |
| 32 | Electricity supply | Apparatus – batteries, generators | |

| Code | Main source of ignition | Description | Ignition source Power defaulted e.g. 3 = Electric. (determines whether to ask 8.5 below) |
|------|------------------------------|---|--|
| 33 | | Wiring, cabling, plugs | |
| 34 | Office equipment | Copiers/Printers | 3 = Electric |
| 35 | | Vending equipment | 3 = Electric |
| 77 | | PC | 3 = Electric |
| 36 | | Other computer equipment | 3 = Electric |
| 65 | | Telephone/Answering machine/Fax machine | 3 = Electric |
| 37 | Industrial equipment | Kiln, oven, furnace | |
| 38 | | Dryer | |
| 39 | | Manufacturing equipment | |
| 40 | | Welding/Cutting equipment | |
| 66 | | Lift | |
| 67 | | Other | |
| 68 | Chimney | | 98 = Not applicable |
| 79 | Spread from secondary fire | | 98 = Not applicable |
| 41 | Vehicles only | Electrical fault | 3 = Electric |
| 42 | | Engine, fuel line or pump | 98 = Not applicable |
| 43 | | Wheels or brakes | 98 = Not applicable |
| 69 | | Other non-electrical | 98 = Not applicable |
| 80 | | Exhausts | 98 = Not applicable |
| 70 | | Unknown | 0 = Not known |
| 71 | Other appliance or equipment | | |
| 48 | Naked flame | Lighted paper or card, or other naked flame | 98 = Not applicable |
| 49 | Fireworks | Fireworks | 98 = Not applicable |
| 50 | Bombs and explosives | Intentional burning – out of control | 98 = Not applicable |
| 51 | | Incendiary device | 98 = Not applicable |
| 72 | | Bomb/Explosives | 98 = Not applicable |
| 52 | Natural occurrence | Natural occurrence | 98 = Not applicable |
| 53 | Wet hay | Wet hay | 98 = Not applicable |
| 54 | Fuel/chemical related | Gases | 98 = Not applicable |
| 55 | | Liquids; petrol/oil related | 98 = Not applicable |
| 56 | | Solids; coal, coke, wood, card | 98 = Not applicable |
| 57 | | Flammable chemicals | 98 = Not applicable |
| 99 | Other | | |
| 0 | Not known | | |

Question 8.5 – What powered the ignition?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.4 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This question is defaulted based on the Main Source of Ignition which has been selected | | |

| Code | Main source of ignition power by | Includes |
|------|----------------------------------|----------|
| 1 | Gas – mains | |
| 2 | Gas – cylinder | |
| 3 | Electric | |
| 98 | Not applicable | |
| 99 | Other | |
| 0 | Not known | |

Question 8.6 – What Item was ignited first?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Item first ignited | | Includes |
|------|---|----------------------------------|-----------|
| 1 | Vegetation | Trees | |
| 2 | | Crops | |
| 3 | | Grassland/Heath/Scrub | |
| 4 | | Straw/Stubble | |
| 5 | | Leaves | |
| 39 | | Hedge | |
| 35 | | Other | Hay, peat |
| 6 | Food | Cooking oil or fat | |
| 7 | | Other | |
| 8 | Animal | Animal products | |
| 9 | Clothing/Textiles | Bedding | |
| 10 | | Clothing | |
| 36 | | Other textiles | |
| 11 | Furniture/Furnishings | Bed/Mattress | |
| 12 | | Upholstered furniture | |
| 13 | | Other furniture | |
| 14 | | Floor coverings | |
| 15 | | Window coverings | |
| 16 | | Lampshades | |
| 37 | | Other/Unspecified furnishings | |
| 17 | Structural/Fixtures/Fittings – External | Roof | |
| 18 | | External fittings | |
| 41 | | Other | |
| 34 | Structural/Fixtures/Fittings - Internal | Internal fittings | |
| 42 | | Wiring insulation | |
| 38 | | Other | |
| 19 | Foam, rubber, plastic | Foam - raw material only | |
| 20 | | Rubber - raw material only | |
| 21 | | Plastic - raw material only | |
| 22 | Explosives, gas, chemicals | Fireworks | |
| 23 | | Explosives/Ammunition | |
| 24 | | Gases | |
| 25 | | Petrol/Oil products | |
| 26 | | Paint, varnish, resins, creosote | |
| 27 | | Chemicals in raw state | |
| 28 | Decoration/celebration | Decorations/Cards | |

| | | | |
|----|-------------------------|------------------------------|-------|
| 29 | | Christmas trees | |
| 30 | Rubbish/Waste/Recycling | Rubbish/Waste material | |
| 31 | | Recycling - paper, cardboard | |
| 32 | | Recycling - other | |
| 43 | Paper/Cardboard | Paper/Cardboard | |
| 44 | | Other | |
| 45 | Wood | Garden shed | |
| 40 | | Other wooden | Fence |
| 98 | None | | |
| 99 | Other | | |
| 0 | Not known | | |

Question 8.7– What was the item, if any, that was mainly responsible for the spread of the fire?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This question uses the same list as Q8.6 | | |

Question 8.8 – If there was any rapid fire growth, how was this caused?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | Important for Fire fighter safety, fire engineering and FIRE SAFETY REGULATIONS evaluation. | | |

| Code | Rapid fire growth due to | Includes |
|-------------|---------------------------------------|-----------------|
| 1 | No rapid fire growth | |
| 2 | Yes, cooking oil or fat | |
| 3 | Yes, fireworks | |
| 4 | Yes, ammunition | |
| 5 | Yes, gases | |
| 6 | Yes, petrol/oil products | |
| 7 | Yes, paint, varnish, resins, creosote | |
| 8 | Yes, chemicals | |
| 9 | Yes, backdraft | |
| 10 | Yes, flashover | |
| 11 | Yes, strong wind | |
| 99 | Other | |

Question 8.9 – What, if any, dangerous substances were involved?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | If this field is set to Yes then the Q5.18 'Were Hazardous Materials involved' should be defaulted to Yes if not already set. | | |

| Code | Dangerous substances involved | Includes |
|------|-------------------------------|----------|
| 1 | None | |
| 2 | Fireworks | |
| 8 | Acetylene | |
| 3 | Ammunition | |
| 4 | Other explosives | |
| 5 | Gases | |
| 6 | Flammable liquids | |
| 7 | Flammable solids | |

Question 8.10 – Was there an explosion?

| | | | |
|-----------------------|---|---------------------------|---------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio - Yes/No/Don't know |
| Notes: | If this field is set to Yes then the Q5.18 'Were Hazardous Materials involved' should be defaulted to Yes if not already set. | | |

Question 8.11 – Please indicate what caused the explosion

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.10 |
| On FDR1? | No | Format | Drop Down |
| Notes: | | | |

| Code | Explosion substances | Includes |
|------|----------------------|----------|
| 2 | Fireworks | |
| 8 | Acetylene | |
| 3 | Ammunition | |
| 4 | Other explosives | |
| 5 | Gases | |
| 6 | Flammable liquids | |

| Code | Explosion substances | Includes |
|------|----------------------|---|
| 7 | Flammable solids | fibreglass, mineral wool etc coke, soot roofing felt, paraffin wax, asbestos, fullers earth, cement, fertilizer, fire lighter, flux, sealing mastics, solid explosives, resin |

Question 8.12 – At what stage in the lifetime of the fire did the explosion occur?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.10 |
| On FDR1? | No | Format | Drop Down |
| Notes: | | | |

| Code | Explosion? And at what stage | Includes |
|------|------------------------------|----------|
| 2 | Yes - before fire | |
| 3 | Yes - during fire | |
| 4 | Yes - both before and during | |
| 5 | Yes - sequence not known | |

Question 8.13 – Were any containers involved?

| | | | |
|-----------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.10 |
| On FDR1? | No | Format | Drop Down |
| Notes: | | | |

| Code | Explosion containers | Includes |
|------|----------------------|----------|
| 1 | None | |
| 2 | Bottles | |
| 3 | Cylinders | |
| 4 | Cans | |
| 5 | Drums | |
| 6 | Tank/s | |
| 7 | Pipe/pipeline | |
| 99 | Other | |

Question 8.14 – What type of room/compartment did the fire start in (Location of Origin)?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list that is displayed, varies depending on the category of the property type selected for Q3.2. | | |

| Code | Location of fire start – Dwelling (Level 2 Incident Type) | Includes |
|-------------|--|-----------------|
| 1 | Airing/Drying cupboard | |
| 2 | Bathroom/Toilet | |
| 3 | Bedroom | |
| 16 | Bedsitting room | |
| 4 | Chimney | |
| 5 | Conservatory | |
| 6 | Corridor/Hall | |
| 7 | Dining room | |
| 8 | External fittings | |
| 62 | External structures | |
| 23 | Garage | |
| 59 | Indoor swimming pool | |
| 10 | Kitchen | |
| 48 | Lift/Lift shaft/Motor room | |
| 11 | Living room | |
| 49 | Refuse store | |
| 63 | Roof | |
| 12 | Roof space | |
| 58 | Sauna | |
| 13 | Stairs | |
| 14 | Under stairs (enclosed, storage area) | |
| 50 | Utility room | |
| 61 | Open plan area | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Other residential (Level 2 Incident Type) | Includes |
|------|--|----------|
| 1 | Airing/Drying cupboard | |
| 15 | Bar/Canteen/Restaurant/Mess | |
| 2 | Bathroom/Toilet | |
| 3 | Bedroom | |
| 16 | Bedsitting room | |
| 17 | Boiler room | |
| 18 | Cell | |
| 4 | Chimney | |
| 19 | Class room | |
| 20 | Cloakroom | |
| 21 | Common room/Staff room/Day room | |
| 5 | Conservatory | |
| 6 | Corridor/Hall | |
| 7 | Dining room | |
| 22 | Dormitory | |
| 8 | External fittings | |
| 62 | External structures | |
| 23 | Garage | |
| 59 | Indoor swimming pool | |
| 10 | Kitchen | |
| 24 | Laundry room | |
| 48 | Lift/Lift shaft/Motor room | |
| 51 | Meeting room | |
| 25 | Office | |
| 26 | Power house/Plant/Generator | |
| 52 | Reception area | |
| 49 | Refuse store | |
| 63 | Roof | |
| 12 | Roof space | |
| 58 | Sauna | |
| 13 | Stairs | |
| 27 | Store room | |
| 14 | Under stairs (enclosed, storage area) | |
| 50 | Utility room | |
| 28 | Ward/Sick bay | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Non Residential Building (Level 2 Incident Type) | Includes |
|------|--|----------|
| 29 | Barn | |
| 2 | Bathroom/Toilet | |
| 17 | Boiler room | |
| 30 | Canteen/Restaurant | |
| 4 | Chimney | |
| 20 | Cloakroom | |
| 5 | Conservatory | |
| 6 | Corridor/Hall | |
| 8 | External fittings | |
| 62 | External structures | |
| 23 | Garage | |
| 10 | Kitchen | |
| 31 | Process/Production room | |
| 32 | IT server/Mainframe room | |
| 48 | Lift/Lift shaft/Motor room | |
| 51 | Meeting room | |
| 25 | Office | |
| 60 | Parking garage | |
| 26 | Power house/Plant/Generator | |
| 52 | Reception area | |
| 49 | Refuse store | |
| 63 | Roof | |
| 12 | Roof space | |
| 33 | Shop floor/Showroom/Display hall | |
| 13 | Stairs | |
| 27 | Store room | |
| 14 | Under stairs (enclosed, storage area) | |
| 50 | Utility room | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Road Vehicle (Level 2 Incident Type) | Includes |
|------|--|----------|
| 34 | Boot | |
| 35 | Driver/Passenger area | |
| 36 | Engine | |
| 37 | Fuel tank | |
| 38 | Other inside/Cargo area | |
| 39 | Wheel/Brakes | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Boat (Level 2 Incident Type) | Includes |
|------|--|----------|
| 17 | Boiler room | |
| 53 | Car deck (ferries) | |
| 40 | Crew area | |
| 54 | Deck cargo | |
| 41 | Engine room | |
| 37 | Fuel tank | |
| 55 | Hold/Cargo area | |
| 42 | Passenger area | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Rail Vehicle (Level 2 Incident Type) | Includes |
|------|--|----------|
| 43 | Driver area | |
| 37 | Fuel tank | |
| 42 | Passenger area | |
| 44 | Power unit | |
| 56 | Restaurant/Buffer carriage | |
| 39 | Wheels/Brakes | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Aircraft (Level 2 Incident Type) | Includes |
|------|--|----------|
| 45 | Cargo area | |
| 46 | Cockpit | |
| 36 | Engine | |
| 37 | Fuel tank | |
| 42 | Passenger area | |
| 39 | Wheels/Brakes | |
| 47 | Wing | |
| 99 | Other | |
| 0 | Not known | |

| Code | Location of fire start – Outdoor (Level 2 Incident Type) | Includes |
|------|---|--|
| 70 | On or near tracks or paths | National Trails / Paths, Foot paths, Bridle ways, Forest rides |
| 71 | In open area next to housing | Housing estates or rural settlement |
| 72 | Near amenity or recreation structure | Play area, |

| | | |
|----|----------------------------|--------------------|
| | | shelter, bird hide |
| 73 | Military live firing range | |
| 74 | Military training area | |
| 99 | Other | |
| 0 | Not known | |

Question 8.15 – What was the Household Occupancy Type at the time of the incident?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This question is only displayed if the property type category (Question 3.2) is a Dwelling. Can be used to inform Community Fire Safety. | | |

| Code | Household occupancy type (Level 2 – Dwelling Primary Fires Only) | Includes |
|------|--|----------|
| 1 | Lone person over pensionable age | |
| 2 | Lone person under pensionable age | |
| 3 | Lone parent with dependant child/ren | |
| 4 | Couple both under pensionable age with no children | |
| 5 | Couple one or more over pensionable age, no children | |
| 6 | Couple with dependant child/ren | |
| 7 | 3 or more adults under pensionable age, no child/ren | |
| 8 | 3 or more adults with dependant child/ren | |
| 99 | Other | |
| 0 | Not known | |

Question 8.16 – Human factors contributing to fire

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This question is mandatory for all Primary Fires. Can be used to inform Community Fire Safety. | | |

| Code | Human factors contributing to the cause (Level 2 – Dwelling Primary Fires Only) | Includes |
|------|---|---|
| 1 | None | |
| 4 | Disabled | |
| 5 | Distraction | |
| 6 | Temporary lack of physical mobility | Temporary physical (mobility) disability, e.g. Fractured limb |
| 7 | Other medical condition/illness | e.g. epilepsy |
| 8 | Falling asleep/asleep | (not alcohol or drugs related) |
| 9 | Excessive and dangerous storage | |
| 99 | Other | |
| 0 | Not known | |

Question 8.17 – Was “impairment due to suspected drugs/alcohol” a contributory factor in the fire?

| | | | |
|-----------------------|---|---------------------------|---------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | |
| On FDR1? | Yes | Format | Radio – Yes/No/Don't know |
| Notes: | This question is mandatory for all Primary Fires. | | |

Question 8.18 – Was there any special method of building construction involved?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | This question is only displayed if the property type category (Question 3.2) is a building. Information can be used to inform building regulations and to identify any trends in new methods of building construction. | | |

| Code | Special Building construction involved (Level 2 - Buildings Only) | Includes |
|------|---|----------|
| 10 | None | |
| 1 | Timber framed | |
| 2 | Cladding | |
| 3 | Sandwich panels | |
| 4 | Atria | |
| 5 | Thatch | |
| 6 | Large single storey retail premises | |
| 99 | Other | |
| 0 | Not known | |

Question 8.19 – Was there heat and/or smoke damage only (no flame)?

| | | | |
|------------------|---------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|------------------|---------------|---------------------------|-----------|

| | | | |
|-----------------------|--|-------------------|----------------|
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Radio – Yes/No |
| Notes: | This question is only displayed if the property type category (Question 3.2) is a building (Dwelling, OtherResidential or NonResidential). | | |

Question 8.20 – What was the extent of flame and/or heat damage on arrival?

| | | | |
|-----------------------|--|---------------------------|-----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | The list that is displayed varies depending on the property type – Question 3.2. It is not shown for Outdoor and Outdoor Structure fires. This question is not shown for Heat and Smoke Damage only fires or Late Calls. The value is defaulted to 'Not applicable'. | | |

| Code | Estimated fire size on arrival of FRS – Buildings (Level 2 Incident Types – Dwelling, Other Residential and Non-Residential Buildings) | Includes |
|------|--|----------|
| 1 | Limited to item 1 st ignited | |
| 2 | Limited to room of origin | |
| 3 | Limited to floor of origin (not whole building) | |
| 4 | Limited to 2 floors (not whole building) | |
| 5 | Affecting more than 2 floors (not whole building) | |
| 6 | Whole building | |
| 30 | Roof space only | |
| 31 | Roof space and other floors(s) | |
| 32 | External roof only | |
| 33 | Whole roof (including roof space) | |
| 98 | Not applicable | |

| Code | Estimated fire size on arrival of FRS – (Level 2 Incident Type – RoadVehicle) | Includes |
|------|---|----------|
| 22 | Driver/Passenger compartment | |
| 23 | Separate luggage compartment of vehicle | |
| 24 | Engine compartment | |
| 25 | Fuel tank | |
| 26 | Roof/Roof rack (exterior to vehicle) | |
| 27 | Wheels/Tyres/Brakes/Axles/Bearings | |
| 10 | Whole vehicle | |
| 98 | Not applicable | |

| Code | Estimated fire size on arrival of FRS – boats (Level 2 Incident Type – Boat) | Includes |
|------|--|----------|
|------|--|----------|

| | | |
|----|---|--|
| 1 | Limited to item 1 st ignited | |
| 2 | Limited to room of origin | |
| 3 | Limited to deck of origin | |
| 4 | Limited to 2 decks | |
| 11 | Affecting more than 2 decks, not whole boat | |
| 12 | Whole boat | |
| 98 | Not applicable | |

| Code | Estimated fire size on arrival of FRS – (Level 2 Incident Type – RailVehicle) | Includes |
|------|--|----------|
| 1 | Limited to item 1st ignited | |
| 13 | Driver's area only | |
| 14 | Single carriage | |
| 15 | More than one carriage, not whole train | |
| 16 | Whole train | |
| 98 | Not applicable | |

| Code | Estimated fire size on arrival of FRS – (Level 2 Incident Type – Aircraft) | Includes |
|------|---|----------|
| 1 | Limited to item 1st ignited | |
| 17 | Engine/Engines | |
| 18 | Cockpit | |
| 19 | Over half the aircraft | |
| 20 | Whole aircraft | |
| 98 | Not applicable | |

Question 8.21 – If any adjacent properties were affected at the time that you arrived, how far away were they (m)?

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | The list is displayed depending on the property type – Question 3.2. It is not shown for Outdoor and Outdoor Structure fires. | | |

| Code | Distance to other property affected by the fire | Includes |
|------|---|----------|
| 1 | No other property affected | |
| 2 | Up to 1 metre | |
| 3 | 1 - 5 metres | |
| 4 | 5 - 10 metres | |
| 5 | 10-15 metres | |
| 6 | Over 15 metres | |

Question 8.22 – What was the extent of flame and/or heat damage (at stop)?

| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|----------------|--|--------------------|-----------------|
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>The list displayed depends on the property type – Question 3.2.</p> <p>It is not shown for Outdoor and Outdoor Structure fires and Heat and Smoke Damage only fires. The value will be defaulted to 'Not applicable'.</p> <p>Can be used to assess effectiveness of fire fighting and weight of response.</p> <p>The list has the same values as Q8.20.</p> | | |

Question 8.23 – If any adjacent properties were affected at stop, how far away were they (m)?

| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|----------------|--|--------------------|-----------------|
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>The list is displayed depending on the property type – Question 3.2. It is not shown for Outdoor and Outdoor Structure fires.</p> <p>The list has the same values as Q8.21.</p> | | |

Question 8.24 – What is the horizontal area damaged by flame and/or heat in sq. m (at stop)?

| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|----------------|--|--------------------|-----------|
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>The list displayed depending on the property type – Question 3.2. It is only shown for Building fires.</p> <p>This question is not shown for Heat and Smoke Damage only fires and the value is defaulted to '0=None'.</p> | | |

| Code | Area – sq metres | Includes |
|------|------------------|----------|
| 0 | None | |
| 1 | Up to 5 | |
| 2 | 6 – 10 | |
| 3 | 11 -20 | |
| 4 | 21 – 50 | |
| 5 | 51 – 100 | |
| 6 | 101 – 200 | |
| 7 | 201 – 500 | |
| 8 | 501 – 1,000 | |
| 9 | 1,001 – 2,000 | |
| 10 | 2,001 – 5,000 | |
| 11 | 5,001 – 10,000 | |
| 12 | Over 10,000 | |

Question 8.25 – What is the total horizontal area damaged (by flame and/or heat and/or smoke and/or water etc) in sq. m (at stop)?

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list is displayed depending on the property type – Question 3.2. It is only shown for Building Primary Fires. The list is the same as Q8.24 above. | | |

Question 8.26 – What is the approximate size of the room/compartment of the fire's origin (sq/m)?

| | | | |
|-----------------------|--|---------------------------|-----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list is displayed depending on the property type – Question 3.2. It is only shown for Building Primary Fires. This question is not shown for Heat and Smoke Damage only fires. If Q8.6 Item first ignited = 'Structural Fixtures/Fittings external' category then these are not asked, but the field value should be defaulted to '98=Not applicable'. The list is the same as Q8.24 above. | | |

Question 8.27 – What is the approximate size of the floor of the fires origin (sq. m.)?

| | | | |
|-----------------------|--|---------------------------|-----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 8.19 = No + 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list displayed depending on the property type – Question 3.2. It is only shown for Building Primary Fires. This question | | |

| | |
|--|--|
| | <p>is not shown for Heat and Smoke Damage only fires.</p> <p>If Q8.6 Item first ignited = 'Structural Fixtures/Fittings external' category then these are not asked, but the field value should be defaulted to '98=Not applicable'.</p> <p>The list is the same as Q8.24 above.</p> |
|--|--|

Question 8.28 – Number of floors/decks above ground level/main deck (e.g. 1 for bungalow)

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Number 0 - 999 |
| Notes: | The field is displayed depending on the property type – Question 3.2. It is only shown for Building or Boat Primary Fires. | | |

Question 8.29 – Number of floors/decks below ground level/main deck (e.g. 1)

| | | | |
|-----------------------|--|---------------------------|----------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Number 0 - 999 |
| Notes: | The field is displayed depending on the property type – Question 3.2. It is only shown for Building or Boat Primary Fires. | | |

Question 8.30 – Which floor/deck did the fire originate upon?

| | | | |
|-----------------------|---|---------------------------|-------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Number -999 - 999 |
| Notes: | <p>The field is displayed depending on the property type – Question 3.2. It is only shown for Building or Boat Primary Fires.</p> <p>If Q8.6 Item first ignited = 'Structural Fixtures/Fittings external' category then this question is not asked and the value is defaulted to '0'.</p> | | |

Question 8.31 – If known, what was the vehicle Registration Marker (VRM)?

| | | | |
|-----------------------|---|---------------------------|-------------|
| Incidents | Primary Fires | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | 0 – 7 chars |
| Notes: | The field is displayed if the property type – Question 3.2 has a category of RoadVehicle. | | |

Question 8.32 – If known, what was the vehicle Identification Number (VIN)?

| | | | |
|-----------------------|---|---------------------------|--------------|
| Incidents | Primary Fires | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | No | Format | 0 – 17 chars |
| Notes: | The field is displayed if the property type – Question 3.2 has a category of RoadVehicle. | | |

Question 8.33 – Had the vehicle been reported missing to the police?

| | | | |
|-----------------------|---|---------------------------|---------------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | No | Format | Radio – Yes/No/Don't know |
| Notes: | The field is displayed if the property type – Question 3.2 has a category of RoadVehicle. | | |

Question 8.34 – Did the vehicle appear to be abandoned?

| | | | |
|-----------------------|---|---------------------------|---------------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | No | Format | Radio – Yes/No/Don't know |
| Notes: | The field is displayed if the property type – Question 3.2 has a category of RoadVehicle. | | |

Question 8.35 – What was the extent of the area damaged by the fire (sq. m)?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>The field is displayed if the property type – Question 3.2 has a category of Outdoor Primary Fire Only. Note: Q5.16 is displayed for Outdoor Secondary Fires.</p> <p>Values list is the same as Q5.16</p> | | |

Question 8.35a – Please specify the fire damage area in hectares

| | | | |
|-----------------------|---|---------------------------|-------------------------|
| Incidents | Primary Outdoor Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q8.35 = 12 |
| On FDR1? | No | Format | Number (0 – 9999999) |
| Notes: | <p>Note: Q5.16a is displayed for Outdoor Secondary Fires.</p> | | |

Question 8.36 – Did the fire occur in an area designated as a National Park?

| | | | |
|-----------------------|--|---------------------------|---------------------------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | No | Format | Radio – Yes/No/Don't know |
| Notes: | <p>The field is displayed if the property type – Question 3.2 has a category of Outdoor Primary Fire Only. Q5.17 is displayed for Outdoor Secondary Fires.</p> <p>This is the same question as Q5.17.</p> | | |

5.9 Involvement of Persons

This section records detail of any persons (victims) involved in the incident as:

- Rescue
- Injury
- Fatality

Information is also asked about number of those evacuated but no detailed information is requested. This section is only used for Primary Fires and Special Service incidents and if the answers to any of the following questions have been 'Yes':

- Q3.5 – Please indicate if there were persons rescued, extricated, injured or killed in the incident
- Q3.6 – Please indicate if there were persons evacuated in the incident

Question 9.1 – How many people were evacuated without assistance?

| | | | |
|-----------------------|---|---------------------------|-------------------------|
| Incidents | Primary Fires, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.6 + 3.2 |
| On FDR1? | No | Format | Number (0 – 9999999) |
| Notes: | This question is asked for Dwelling Primary Fires only. Used to calculate BVPI 208 | | |

Question 9.2 – How many people were evacuated with assistance?

| | | | |
|-----------------------|---|---------------------------|-------------------------|
| Incidents | Primary Fires, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.6 + 3.2 |
| On FDR1? | No | Format | Number (0 – 9999999) |
| Notes: | This question is asked for Dwelling Primary Fires only. Used to calculate BVPI 208 | | |

Question 9.3 – How many people were assisted (by FRS) in their evacuation?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires, Special Service | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.6 + 9.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | This question is asked for all incidents which were not dwelling fires. Rather than an exact number, number bands are used. For all Dwelling incidents. Default to option '1' if Q9.2 populated. | | |

| Code | Evacuation – Number of | Includes |
|------|------------------------|----------|
| 1 | Up to 5 | |
| 2 | 6 to 20 | |
| 3 | 21 to 50 | |
| 4 | 51 to 100 | |
| 5 | 101 to 250 | |
| 6 | 251 to 1,000 | |
| 7 | Over 1,000 | |

Question 9.4 – Reason for any delay to evacuation

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.6 + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>This question is asked for building primary fires. Used to assess effectiveness of response.</p> <p>For all other incidents it will not be displayed and the value is defaulted to 'Not applicable'.</p> | | |

| Code | Was there a delay in completion of building evacuation | |
|------|---|--|
| 2 | Evacuation, but no delay | |
| | Delay due to: | |
| 3 | Firefighting actions – public | |
| 4 | Occupants did not respond to automatic alarm | |
| 5 | Elderly or disabled | |
| 6 | Re-entered building | |
| 7 | Building management poor | |
| 8 | Building layout/signage poor | |
| 9 | Firefighting actions by fire service – contraflow on stairs | |
| 10 | Means of escape – exits locked | |
| 11 | Means of escape – items stored | |
| 12 | Means of escape – not suitable | |
| 13 | Means of escape – other | |
| 14 | Occupants gathering possessions | |
| 98 | Not applicable | |

Question 9.5 – Estimated time for the completion of evacuation

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.6 + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>This question is asked for building primary fires. Used for research in building design and fire engineering.</p> <p>For all other incidents it will not be displayed and the value is defaulted to 'Not applicable'.</p> | | |

Question 9.6 – Please classify the extent of harm that this person came to as a result of the Incident

| | | | |
|-----------------------|--|---------------------------|---------------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 |
| On FDR1? | Yes | Format | Radio – Fatal / Injury / Rescue |
| Notes: | <p>This question is asked for building primary fires. Used for research in building design and fire engineering.</p> | | |

| Code | Victim type | Includes |
|------|------------------------------------|----------|
| 1 | Fatality | Fatal |
| 2 | Injured (incl. rescue with injury) | Injury |
| 3 | Rescued (rescue without injury) | Rescue |

Question 9.7 – Age (e.g. 1)

| | | | |
|-----------------------|---------------------------------|---------------------------|----------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 |
| On FDR1? | Yes | Format | Number 0 - 999 |
| Notes: | | | |

Question 9.8 – Gender

| | | | |
|-----------------------|---------------------------------|---------------------------|----------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 |
| On FDR1? | Yes | Format | Number 0 - 999 |
| Notes: | | | |

| Code | Gender (to be based on GovTalk standard) | Includes |
|------|--|----------|
| 0 | Not known | |
| 1 | Male | |

| | | |
|---|---------------|--|
| 2 | Female | |
| 9 | Not specified | |

Question 9.9 – Ethnicity

| | | | |
|-----------------------|--|---------------------------|-----------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 |
| On FDR1? | No | Format | Drop Down |
| Notes: | Used for Community Fire Safety. Also for statistics relating to ethnicity and diversity. | | |

| Ethnicity (to be based on GovTalk standard) – Codes to be Used | Ethnicity Description (On Forms) | Includes |
|---|---|-----------------|
| British | White - British | |
| Irish | White - Irish | |
| Other White | White - Other White | |
| White & Black Caribbean | Mixed - White & Black Caribbean | |
| White & Black African | Mixed - White & Black African | |
| White & Asian | Mixed - White & Asian | |
| Other Mixed | Mixed - Other Mixed | |
| Indian | Asian or Asian British - Indian | |
| Pakistani | Asian or Asian British - Pakistani | |
| Bangladeshi | Asian or Asian British - Bangladeshi | |
| Other Asian | Asian or Asian British - Other Asian | |
| Caribbean | Black or Black British - Caribbean | |
| African | Black or Black British - African | |
| Other Black | Black or Black British - Other Black | |
| Chinese | Chinese | |
| Any Other | Other Ethnic group | |
| NOT STATED | Not known/stated | |

Question 9.10 – Where was the victim when the fire started?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 + 3.2 |
| On FDR1? | No | Format | Drop Down |
| Notes: | <p>For building fires only. Can be used to inform community fire safety</p> <p>For all other incidents it will not be displayed and the value is defaulted to 'Not applicable'.</p> | | |

| Code | Location at time of fire (Building Primary Fires only) | Includes |
|------|---|----------|
| 1 | Room, cabin or compartment of origin | |
| 2 | Different room, cabin or compartment on floor of origin | |
| 3 | Floor above origin | |
| 4 | Two or more floors above origin | |
| 5 | One floor below origin | |
| 6 | Two or more floors below origin | |
| 7 | Outside building, vehicle etc of origin | |
| 8 | Seat of fire unknown or multi-seated (and above not applicable) | |
| 9 | Location of person unknown | |
| 98 | Not applicable | |
| 99 | Other location | |
| 0 | Not known | |

Question 9.11 - Where was the victim found?

| | | | |
|-----------------------|---|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 + 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | <p>Building Primary Fires Only.</p> <p>For all other incidents it will not be displayed and the value is defaulted to 'Not applicable'.</p> | | |

| Code | Where found | Includes |
|------|---|----------|
| 1 | Room, cabin or compartment of origin | |
| 2 | Different room, cabin or compartment on floor of origin | |
| 3 | Floor above origin | |
| 4 | Two or more floors above origin | |
| 5 | One floor below origin | |
| 6 | Two or more floors below origin | |

| Code | Where found | Includes |
|------|---|----------|
| 7 | Outside building, vehicle etc of origin | |
| 8 | Seat of fire unknown or multi-seated (and above not applicable) | |
| 9 | Location of person unknown | |
| 98 | Not applicable | |
| 99 | Other location | |

Question 9.12 – What role did this victim play in the incident?

| | | | |
|-----------------------|---------------------------------|---------------------------|-----------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Role of victim | Includes |
|------|-----------------------------------|----------|
| 1 | Firefighter on duty | |
| 2 | Other emergency service personnel | |
| 3 | Resident/Occupant | |
| 4 | Passer by | |
| 5 | Driver | |
| 6 | Passenger | |
| 7 | Visitor | |
| 9 | Employee in workplace | |
| 10 | Customer in shop | |
| 8 | Other FRS personnel on duty | |
| 99 | Other | |
| 0 | Not known | |

Question 9.13 – Was the victim rescued?

| | | | |
|-----------------------|-----------------------------------|---------------------------|-----------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.5 + 9.6 |
| On FDR1? | Yes | Format | Radio - Yes/ No /Don't Know |
| Notes: | Defaulted to Yes if Q9.6 = Rescue | | |

Question 9.14 – If rescued, where was the victim rescued from?

| | | | |
|-----------------------|---|---------------------------|------------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.13 + 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | For Building, Aircraft, Rail Vehicle and Boat Fires Only i.e. Not Road Vehicles or Outdoors or Outdoor Structures. For all other incidents it will not be displayed and the value is | | |

| |
|--------------------------------|
| defaulted to 'Not applicable'. |
|--------------------------------|

| Code | Rescued victim's location and circumstances | Includes |
|------|--|----------|
| 1 | Room, cabin or compartment of origin | |
| 2 | Different room, cabin or compartment on floor of origin | |
| 3 | Floor above origin - includes mezzanine above floor of origin | |
| 4 | Two or more floors above origin | |
| 5 | One floor below origin - includes stairway leading down from floor | |
| 6 | Two or more floors below origin | |
| 7 | Roof | |
| 8 | Outside building of origin | |
| 98 | Not applicable | |
| 99 | Other | |

Question 9.15 – If rescued, who rescued the victim?

| | | | |
|-----------------------|---------------------------------|---------------------------|-----------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.13 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Victim's rescuer | Includes |
|------|---|----------|
| 1 | Firefighter without breathing apparatus | |
| 2 | Firefighter with breathing apparatus | |
| 3 | Other without breathing apparatus | |
| 4 | Other with breathing apparatus | |
| 0 | Rescuer not known | |

Question 9.16 – If rescued, what method was used?

| | | | |
|-----------------------|---------------------------------|---------------------------|-----------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.13 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Rescue methods | Includes |
|------|---|----------|
| 1 | Ladder | |
| 2 | Aerial appliance | |
| 11 | Specialist rope rescue | |
| 6 | Rescue with fire service lines e.g. lowered from height | |

| | | |
|----|--|---|
| 12 | Boat | |
| 7 | Supported/Carried out | |
| 8 | Extricated | USAR activities, building collapse etc. |
| 9 | Released | |
| 13 | Other organisation's resources e.g. helicopter, etc. | Organisations such as MCA, mines rescue, RNLI |
| 99 | Other method | |
| 0 | Not known | |

Question 9.17 – Title

| | | | |
|-----------------------|---|---------------------------|----------------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.6 = Fatality / Injury and 9.12 |
| On FDR1? | Yes | Format | Text, 0-35 char |
| Notes: | Mandatory for serious injuries and fatalities only. Mandatory for role of 'Firefighter on duty'. | | |

Question 9.18 – Surname

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.6 and 9.12 |
| On FDR1? | Yes | Format | Text, 0-35 char |
| Notes: | Mandatory for serious injuries and fatalities only. Mandatory for role of 'Firefighter on duty'. | | |

Question 9.19 – Forename

| | | | |
|-----------------------|---|---------------------------|-----------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.6 and 9.12 |
| On FDR1? | Yes | Format | Text, 0-35 char |
| Notes: | Mandatory for serious injuries and fatalities only. Mandatory for role of 'Firefighter on duty'. | | |

Question 9.20 – Circumstances of fatal casualty

| | | | |
|-----------------------|---------------------------------|---------------------------|----------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.6 = Fatality |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | Asked for fatalities only | | |

| Code | Circumstances of fatal casualty | Includes |
|------|--|----------|
| 1 | Thought to be already dead when Firefighter arrived | |
| 2 | Unable to resuscitate, confirmed dead at scene | |
| 3 | Unable to resuscitate at scene, confirmed dead at hospital | |
| 4 | Alive on leaving scene, but died later | |
| 0 | Not known | |

Question 9.21– Was the death/injury fire related?

| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
|----------------|--|--------------------|---|
| Pre-populated? | | Depends on | Q9.6 = Fatality or Injury for Primary Fires |
| On FDR1? | No | Format | Radio - Yes/No/Don't know |
| Notes: | <p>To improve accuracy of statistics as all injuries/deaths in fires are not necessarily fire-related. For example an RTC in which the vehicle catches fire.</p> <p>For all Special Service incidents it will not be displayed and the value is defaulted to 'No'.</p> | | |

Question 9.22 – What is your understanding of the cause of death / nature of injury?

| | | | |
|-----------------------|--|---------------------------|------------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q9.6 = Fatality or Injury |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | The list is filtered based on the value of Q9.6. | | |

| Code | (Fatality only) | Includes |
|------|--|----------|
| 1 | Overcome by gas, smoke or toxic fumes; asphyxiation | |
| 2 | Burns - severe | |
| 4 | Combination of burns and overcome by gas/smoke | |
| 5 | Shock/Anaphylactic shock | |
| 6 | Other medical condition | |
| 10 | Fracture | |
| 14 | Other physical injury | |
| 15 | Cuts/Lacerations | |
| 16 | Impalement | |
| 17 | Drowning | |
| 18 | Hypothermia | |
| 19 | Heat exhaustion | |
| 20 | Back/Neck injury (spinal) | |
| 21 | Head injury | |
| 22 | Chest/Abdominal injury | |
| 23 | Chest pain/Heart condition/Cardiac arrest | |
| 99 | Other | |
| 0 | Not known | |

| Code | (Injury only) | Includes |
|------|--|----------|
| 1 | Overcome by gas, smoke or toxic fumes; asphyxiation | |
| 2 | Burns - severe | |
| 3 | Burns - slight | |
| 4 | Combination of burns and overcome by gas/smoke | |
| 5 | Shock/Anaphylactic shock | |
| 6 | Other medical condition | |
| 9 | Breathing difficulties (Other than 'Overcome by gas, smoke or toxic fumes, asphyxiation') | |
| 10 | Fracture | |
| 11 | Concussion | |
| 12 | Bruising | |

| | | |
|----|--|--|
| 13 | Unconscious, fitting or unresponsive (no other evident significant injury) | |
| 14 | Other physical injury | |
| 15 | Cuts/Lacerations | |
| 16 | Impalement | |
| 17 | Drowning | |
| 18 | Hypothermia | |
| 19 | Heat exhaustion | |
| 20 | Back/Neck injury (spinal) | |
| 21 | Head injury | |
| 22 | Chest/Abdominal injury | |
| 23 | Chest pain/Heart condition/Cardiac arrest | |
| 24 | Choking | |
| 25 | Collapse | |
| 99 | Other | |
| 0 | Not known | |

Question 9.23 – Has the casualty been reconciled against the appropriate death certificate?

| | | | |
|-----------------------|---------------------------------|---------------------------|-------------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Optional |
| Pre-populated? | | Depends on | 9.6 = Fatality or Injury only |
| On FDR1? | No | Format | Drop Down |
| Notes: | For CLG use only | | |

Question 9.24 – What is your understanding of the severity of the injury?

| | | | |
|-----------------------|---------------------------------|---------------------------|---------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | Q9.6 = Injury |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | | | |

| Code | Severity of (non-fatal) injury | Includes |
|------|--|----------|
| 1 | Victim went to hospital, injuries appear to be Serious | Serious |
| 2 | Victim went to hospital, injuries appear to be Slight | Slight |
| 3 | First aid given at scene | |
| 4 | Precautionary check recommended | |

Question 9.25 – What were the other circumstances of the victim?

| | | | |
|-----------------------|------------------------------|---------------------------|-----------|
| Incidents | Primary Fires | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 3.2 |
| On FDR1? | Yes | Format | Drop Down |
| Notes: | Building Primary Fires Only. | | |

| | |
|--|--|
| | Do not display and set to 'Not applicable' for all other Incident types. |
|--|--|

| Code | Other circumstances of victim | Includes |
|------|--|----------|
| 1 | Bedridden | |
| 2 | Chair-ridden, e.g. in a wheel chair | |
| 4 | Other immobility | |
| 3 | Suspected under influence of alcohol | |
| 20 | Suspected under influence of drugs | |
| 5 | Discovering fire | |
| 6 | Fell onto fire | |
| 7 | Fighting fire (including attempts) | |
| 8 | Trapped by fire because unaware, e.g. asleep | |
| 9 | Trapped by fire other than unaware | |
| 10 | Trapped by collapse of structure | |
| 11 | Trapped by smoke | |
| 12 | Injured escaping | |
| 13 | Injured rescuing person | |
| 14 | Injured rescuing property or animals | |
| 15 | Injured being rescued | |
| 16 | Injured by blast | |
| 17 | Returned to fire | |
| 18 | Intentionally sustained at start of fire (e.g. suicides or attempts) | |
| 19 | Injury accidentally sustained at start of fire | |
| 98 | Not applicable | |
| 99 | Other | |
| 0 | Not known | |

Question 9.26 – Was Oxygen provided at the scene?

| | | | |
|-----------------------|---------------------------------|---------------------------|--------------------------|
| Incidents | Primary Fires, Special Services | Optional/Mandatory | Mandatory |
| Pre-populated? | | Depends on | 9.6 = Fatality or Injury |
| On FDR1? | No | Format | Radio – Yes/No |
| Notes: | | | |

5.10 Summary

In the IRS Online forms the summary screen is used to:

- display a summary of the incident details,
- display any errors that have been found
- ask if the user has finished entering data

In addition to this the user is also able to enter some notes about the incident, similar to section 7 on the current FDR1 form.

The following notes fields are available:

- General – to allow the user to enter notes about the incident
- FRS Queries – to allow the user to lodge a query about how they have completed the incident, this would be reviewed by the FRS QA team
- NS queries – these can be entered by the CLG users who have a query about the incident.

6. Hierarchy Lists

6.1 Mobilise Incident Types

The incident types are split into 7 generic groups, which are:

- A - Alarms
- E - Explosion
- F - Fire
- HM - Hazardous Material
- R - Rescues
- UA - Unlawful Act
- HA - Humanitarian or Assistance

| Incident Type - Level 1 | Incident Type - Level 2 | Desc. | ID | Priority | For National Statistics Use |
|-------------------------|---------------------------------------|--|----|----------|-----------------------------|
| Alarms | | | | | |
| Alarms | AFA | Incidents involving automatic fire detection systems | 1 | 3 | yes |
| Alarms | Gas alarms | Any incident where the RCC is called to a fixed installation gas alarm. Domestic, commercial, industrial | 2 | 3 | yes |
| Alarms | Smoke alarm | Any report of a domestic smoke alarm operating. From a Member of the public or a monitoring station | 3 | 3 | yes |
| Alarms | Intruder alarm at FRS property | Activation of these alarms will be indicated through the RCC Systems. RCC will mobilise staff to investigate. | 4 | 1 | no |
| Alarms | Fire alarm at FRS property | Activation of these alarms will be indicated through the RCC Systems. RCC will mobilise staff to investigate. | 5 | 1 | yes |
| Explosion | | | | | |
| Explosion | Explosion | Report of an explosion at a domestic or industrial premises. Not including deliberate bomb attacks | 20 | 2 | yes |
| Explosion | Vehicle LPG fuelled | Fires in vehicles fuelled by Liquid Petroleum Gas. | 21 | 2 | yes |
| Fire | | | | | |
| Fire | Abandoned call | Any occasion where a call is made to an RCC where the call terminates prematurely and the information is incomplete | 30 | 5 | no |
| Fire | Aircraft large | Large fixed wing commercial or private aircraft excluding military | 31 | 1 | yes |
| Fire | Aircraft light | Fixed wing recreational/crop spraying/small private aircraft. Including - microlite and helicopters | 32 | 1 | yes |
| Fire | Aircraft military | Incidents involving military aircraft. In flight or grounded | 33 | 1 | yes |
| Fire | Barn | Incidents involving agricultural storage premises other than silos . May contain livestock/straw/hay/agrochemicals and farm machinery | 34 | 2 | yes |
| Fire | Boat | Fires involving recreational water borne craft. Barges, yachts, fishing boats | 35 | 2 | yes |
| Fire | Building | Any permanent or semi permanent built structure and attached/adjoining outbuildings | 36 | 2 | yes |

| | | | | | |
|----------------------------|--------------------------|--|----|---|-----|
| Fire | Building thatched | Fire involving any building with a thatched roof | 37 | 2 | yes |
| Fire | Caravan / camping | Includes static caravans / tents, non permanent accommodation structures | 38 | 2 | yes |
| Fire | Chimney | Domestic property chimney fires. Not commercial/industrial or thatch properties | 39 | 3 | yes |
| Fire | Chimney thatch | Chimney fire in any property with a thatch roof | 40 | 2 | yes |
| Fire | Cylinder acetylene | Any incident specifically involving acetylene cylinder/s. Fire, Leak, Damaged | 41 | 2 | yes |
| Fire | Cylinder other | Fires/leakages of gas cylinders. | 42 | 3 | yes |
| Fire | Derelict property | Any property that is abandoned, officially uninhabited, awaiting demolition or in dangerous or unsafe condition | 43 | 3 | yes |
| Fire | Electrical installations | Fires involving non-domestic electrical installations and associated equipment | 44 | 2 | yes |
| Fire | Fire | Report of fire, where the nature of the fire cannot be specified by the caller. Too far away, unsure of location, in the distance | 45 | 3 | yes |
| Fire | Fire in the open - large | A fire in the open that covers a large area or involves large quantities of combustible materials. Scrapyards, large open areas, standing crops, woodland | 46 | 3 | yes |
| Fire | Fire in the open - small | A fire in the open that covers a small area or involves small quantities of combustible materials. Rubbish/bins, single tree, bushes, grass | 47 | 4 | yes |
| Fire | Fire now out | Any incident where a reported fire is now believed to be out. | 48 | 5 | yes |
| Fire | Late fire call | Incidents which involve a call to the Fire and Rescue Service where it is stated by the caller that the incident is believed to have concluded in excess of one hour prior to the time of call. | 49 | 5 | yes |
| Fire | Persons | Incidents involving a person or persons believed to be physically at risk from fire ie trapped by or in physical contact with the fire. Such incidents may involve persons trapped within a building, vehicle enclosure etc. | 50 | 1 | yes |
| Fire | Persons on fire | Incidents involving an individual or individuals physically involved in fire including any part of the body and/or clothing worn by the victim/s. | 51 | 1 | yes |
| Fire | Post box | Fires involving the contents and or structure of freestanding post boxes, excluding those attached to or incorporated within a building. | 52 | 4 | yes |
| Fire | Railway embankment | Any fire in the open (large or small) occurring on property owned by the railways. Including lineside fires, embankments, sidings, verges and track | 53 | 3 | yes |
| Fire | Railway train goods | A railway incident involving fire in a goods/ mixed goods/tanker rolling stock | 54 | 2 | yes |
| Fire | Railway train passenger | A railway incident involving a fire in a passenger train | 55 | 2 | yes |
| Fire | Road furniture | Fires involving all types of roadside furniture. | 56 | 4 | yes |
| Fire | Ship | Any fire on a seagoing vessel, in any compartment or part of the ship including any cargo | 57 | 2 | yes |
| Fire | Smoke in the open | Report of smoke of from a source that is not immediately identifiable | 58 | 3 | yes |
| Fire | Vehicle large | Any large road vehicle involved in fire | 59 | 2 | yes |
| Fire | Vehicle small | Fire involving any small vehicle. Car, small van, motorcycle, light plant vehicle, | 60 | 3 | yes |
| Fire | Below ground fire | A subterranean fire not readily accessible from ground level. Cable ductings, mines, underground transport systems. | 61 | 3 | yes |
| Humanitarian or Assistance | | | | | |
| Humanitarian or Assistance | Advice given | Any incident where no F&RS attendance is required. But appropriate advice is given to the caller. Burst pipe, other services | 80 | 5 | yes |
| Humanitarian or Assistance | Aircraft landing | Standing by at non emergency landing situation. | 81 | 5 | yes |

| | | | | | |
|----------------------------|----------------------|---|-----|---|-----|
| Humanitarian or Assistance | Assist other agency | Requests to assist other agencies with non-emergency events. Lifting heavy casualties, swilling away, body recovery | 82 | 5 | yes |
| Humanitarian or Assistance | Boat stability | Incidents where boats require assistance in danger of sinking | 83 | 3 | yes |
| Humanitarian or Assistance | Co responder | The mobilisation of trained fire crews to provide emergency medical assistance to members of the public, | 84 | 1 | yes |
| Humanitarian or Assistance | Dangerous structure | Incident involving any structure which presents a hazard due to its unsafe condition. Collapse, falling debris, damage to property | 85 | 5 | yes |
| Humanitarian or Assistance | Fire safety issue | The provision of immediate advice or referral of the issue to a specialist fire safety officer or department. Including Fire Safety complaints | 86 | 5 | yes |
| Humanitarian or Assistance | Flooding | Incidents involving all types of flooding including: All building types, flash flooding, flooding in open ground, farm land, highways, vehicles etc. | 87 | 5 | yes |
| Humanitarian or Assistance | Inform other agency | Forwarding information received at the RCC to appropriate external agencies | 88 | 5 | no |
| Humanitarian or Assistance | Persons collapsed | Incidents involving a person or persons who have become incapacitated and are unable to walk or move unaided including persons that are either concious or unconcious. | 89 | 2 | yes |
| Humanitarian or Assistance | Persons locked out | Incidents involving persons who are unable to gain unassisted entry into a room, building, vehicle or other such enclosure where urgent entry is essential to ensure the health,safety and welfare of themselves and/or others. | 90 | 5 | yes |
| Humanitarian or Assistance | RTC | Incidents involving 'road traffic collisions' where no persons are involved. F&RS attends for safety purposes only | 91 | 4 | yes |
| Humanitarian or Assistance | Supply water | Requests to assist with the supply of bulk water | 92 | 5 | yes |
| Humanitarian or Assistance | Swill away | Any request from recognised authorities to assist with the removal by washing away low or non hazard substances from a public place | 93 | 5 | yes |
| Hazardous Material | | | | | |
| Hazardous Material | Gas involved | Incidents involving all types of gas leak from mains or fixed installations excluding cylinder supplies. Such incidents would include domestic and commercial Gas, Carbon Monoxide, Ammonia, Methane etc | 100 | 2 | yes |
| Hazardous Material | Haz mat minor | Incidents involving low hazard substances with little or no potential to escalate and with only the potential to cause minimal risk to life or property. eg leaks from domestic fridges,unknown substances in garden sheds etc. | 101 | 3 | yes |
| Hazardous Material | Oil pollution | Incidents involving the spillage, leakage or contamination of oil products including mineral and synthetic oils. Such incidents may involve the requirement for decontamination, containment or absorbtion. | 102 | 3 | yes |
| Hazardous Material | Pipeline | Incidents involving above ground or subteranean pipelines including fractures,leaks,explosions. | 103 | 2 | yes |
| Hazardous Material | Radiation involved | Any incident involving the accidental or deliberate release of a radioactive source or substance includes Incidents involving Irradiated Nuclear Fuel ie Plutonium or high level Radioactive Waste (not CCBRN) | 104 | 2 | yes |
| Hazardous Material | Unidentified smell | Any report of an unidentified smell causing concern or having an adverse effect on people in an area | 105 | 3 | yes |
| Hazardous Material | Vehicle leaking fuel | Any report of a fuel spillage originating from a vehicle, not RTC. | 106 | 4 | yes |

| | | | | | |
|---------------------------|---|---|------------|----------|------------|
| Hazardous Material | Haz mat major | Incidents involving confirmed high hazard substances which have the potential to escalate and/or cause significant risk to life or property. Such substances may include chemical, Biological, Radiological or Nuclear. Not including CCBRN. | 107 | 2 | yes |
| Rescues | | | | | |
| Rescues | Aircraft accident large | Large fixed wing commercial or private aircraft excluding military | 120 | 1 | yes |
| Rescues | Aircraft accident light | Fixed wing recreational/crop spraying/small private aircraft. Including - microlights and helicopters | 121 | 2 | yes |
| Rescues | Aircraft in distress | Calls originating from airport authorities, indicating aircraft reporting in flight problems | 122 | 3 | yes |
| Rescues | Animal rescue large | Animals suffering physical entrapment, beyond the lifting capabilities of one person or requiring specialist equipment | 123 | 5 | yes |
| Rescues | Animal rescue small | Animals suffering physical entrapment, within the lifting capabilities of one person not requiring specialist equipment | 124 | 5 | yes |
| Rescues | Boat rescue | Assisting people in distress on boats. Evacuation | 125 | 3 | yes |
| Rescues | Building collapse | Collapse of any permanent or semi permanent built structure and attached/adjoining outbuildings | 126 | 1 | yes |
| Rescues | Evacuation of persons | Incident involving assisting with the evacuation of people from a place of imminent danger to a place of safety. | 127 | 3 | yes |
| Rescues | Lift persons shut in | Incidents involving persons stuck within the confines of a lift car due to mechanical failure or physical restriction ie persons are unable to make their own way out unassisted. | 128 | 4 | yes |
| Rescues | Persons locked in | Incidents involving persons secured within the confines of a room, building, vehicle or other such enclosure and are unable to make their own way out unassisted and where urgent exit is essential to ensure the health,safety and welfare of themselves and/o | 129 | 4 | yes |
| Rescues | Persons trapped | Incidents involving a person or persons physically trapped by objects, structures, machinery or their physical location, such as a cliff face etc, and are unable to release themselves to a place of safety without urgent assistance. | 130 | 1 | yes |
| Rescues | Railway accident | The rescue and evacuation assistance of people involved in rail accidents, breakdowns, collisions, derailments, suicides. | 131 | 1 | yes |
| Rescues | Rescue from confined space | Assisting at or facilitating rescue of persons from confined spaces and or underground | 132 | 1 | yes |
| Rescues | Rescue from entrapment | The release of persons from which they are physically trapped and unable to free themselves. | 133 | 1 | yes |
| Rescues | Rescue from height | The release of persons physically trapped and/or unable to free themselves at height. Includes any person at any location in an elevated position | 134 | 1 | yes |
| Rescues | Rescue from mud | Release of persons physically trapped and unable to free themselves from mud, earth, quicksand, slurry | 135 | 1 | yes |
| Rescues | Rescue from water | The rescue of persons from or adjacent to water, both static and flowing or ice. | 136 | 1 | yes |
| Rescues | RTC persons trapped (large vehicles) | Incidents involving the rescue of persons from road traffic collisions' where large or heavy goods vehicles are involved. | 137 | 1 | yes |
| Rescues | RTC persons trapped (small vehicles) | Incidents involving the rescue of persons from road traffic collisions' not involving large or heavy goods vehicles | 138 | 1 | yes |
| Rescues | Ship sinking | Any assistance or professional advice that can be given to vessels in distress. | 139 | 3 | yes |
| Rescues | Suicide attempt | Standing by and assisting other agencies as required | 140 | 5 | yes |

| | | | | | |
|---|--|---|-------------|----------|------------|
| | | at suicide threat incidents. | | | |
| Rescues | UKFRSSART | Incident in which the UK FRS Search and Rescue Team is requested to be sent abroad | 141 | 5 | no |
| Civil Disturbance / Unlawful Act | | | | | |
| Civil Disturbance / Unlawful Act | Bomb confirmed | Incidents where the threat of an explosive device has been confirmed | 160 | 2 | yes |
| Civil Disturbance / Unlawful Act | Bomb suspected | Responding as requested to incidents where there is a credible threat of terrorist explosive devices | 161 | 3 | yes |
| Civil Disturbance / Unlawful Act | Civil disturbance | Incidents where there is large scale civil unrest. | 162 | 5 | yes |
| Civil Disturbance / Unlawful Act | Call challenged pp - public pay phone | Any occasion where a report of an incident is received by a RCC which is believed to have been made with malicious intent or with intent to cause a nuisance and where it is considered that no legitimate incident exists.From a public Pay phone. | 163 | 5 | no |
| Civil Disturbance / Unlawful Act | Call challenged mp - mobile phone | Any occasion where a report of an incident is received by a RCC which is believed to have been made with malicious intent or with intent to cause a nuisance and where it is considered that no legitimate incident exists.From a mobile. | 164 | 5 | no |
| Civil Disturbance / Unlawful Act | Call challenged ps - public subscriber line | Any occasion where a report of an incident is received by a RCC which is believed to have been made with malicious intent or with intent to cause a nuisance and where it is considered that no legitimate incident exists.From a mobile. | 165 | 5 | no |
| Not Known | | A command and control system can't identify a code as it only possesses a Description. | 9999 | 5 | yes |

6.2 Property Types

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|--|--------------------|----|-----------------|-------------------|-----------------------|
| Dwelling | House - single occupancy | | 1 | yes | Dwelling | no |
| Dwelling | Bungalow - single occupancy | | 2 | yes | Dwelling | no |
| Dwelling | Purpose Built Flat/Maisonette - single occupancy | Up to 3 storeys | 10 | yes | Dwelling | no |
| Dwelling | Purpose Built Flat/Maisonette - single occupancy | 4 to 9 storeys | 11 | yes | Dwelling | no |
| Dwelling | Purpose Built Flat/Maisonette - single occupancy | 10 or more storeys | 12 | yes | Dwelling | no |
| Dwelling | Converted Flat/Maisonette - single occupancy | Up to 2 storeys | 20 | yes | Dwelling | no |
| Dwelling | Converted Flat/Maisonette - single occupancy | 3 or more storeys | 21 | yes | Dwelling | no |
| Dwelling | Licensed HMO | Up to 2 storeys | 30 | yes | Dwelling | no |
| Dwelling | Licensed HMO | 3 or more storeys | 31 | yes | Dwelling | no |
| Dwelling | Unlicensed HMO | Up to 2 storeys | 40 | yes | Dwelling | no |
| Dwelling | Unlicensed HMO | 3 or more storeys | 41 | yes | Dwelling | no |
| Dwelling | Unknown if licensed HMO | Up to 2 storeys | 50 | yes | Dwelling | no |
| Dwelling | Unknown if licensed HMO | 3 or more storeys | 51 | yes | Dwelling | no |
| Dwelling | Self contained Sheltered Housing | | 52 | yes | Dwelling | no |
| Dwelling | caravan/mobile home (permanent dwelling) | | 53 | yes | Dwelling | no |
| Dwelling | Houseboat (permanent dwelling) | | 54 | yes | Dwelling | no |
| Dwelling | Tenement Building | | 55 | yes | Dwelling | no |
| Dwelling | Other Dwelling | | 56 | yes | Dwelling | no |
| Other Residential | Hotel/motel | | 60 | yes | OtherResidential | yes |
| Other Residential | Boarding House/B&B for homeless/asylum seekers | | 61 | yes | OtherResidential | yes |
| Other Residential | Boarding House/B&B other | | 62 | yes | OtherResidential | yes |
| Other Residential | Youth hostel | | 63 | yes | OtherResidential | yes |
| Other Residential | Caravan site - in caravan/camper van | | 64 | yes | OtherResidential | yes |
| Other Residential | Other holiday residence (cottage, flat, chalet) | | 65 | yes | OtherResidential | yes |
| Other Residential | Hostel (e.g. for homeless people) | | 66 | yes | OtherResidential | yes |
| Other Residential | Sheltered Housing – not self contained | | 67 | yes | OtherResidential | yes |
| Other Residential | Residential Home | Children's | 70 | yes | OtherResidential | yes |
| Other Residential | Residential Home | Nursing/Care | 71 | yes | OtherResidential | yes |
| Other Residential | Residential Home | Retirement | 72 | yes | OtherResidential | yes |
| Other Residential | Student Hall of Residence | | 73 | yes | OtherResidential | yes |
| Other Residential | Boarding School accommodation | | 74 | yes | OtherResidential | yes |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|-----------------------------------|--|-----|-----------------|-------------------|-----------------------|
| Other Residential | Nurses'/Doctors' accommodation | | 75 | yes | OtherResidential | yes |
| Other Residential | Militray/barracks | | 76 | yes | OtherResidential | yes |
| Other Residential | Monastery/convent | | 77 | yes | OtherResidential | yes |
| Other Residential | Other Residential Home | | 78 | yes | OtherResidential | yes |
| Non Residential | Offices and call centres | Purpose built office | 80 | yes | NonResidential | yes |
| Non Residential | Offices and call centres | Temporary office (eg portacabin) | 81 | yes | NonResidential | yes |
| Non Residential | Offices and call centres | Converted office | 82 | yes | NonResidential | yes |
| Non Residential | Offices and call centres | Call Centre | 83 | yes | NonResidential | yes |
| Non Residential | Offices and call centres | TV/film/music/art studio | 84 | yes | NonResidential | yes |
| Non Residential | Offices and call centres | Other | 85 | yes | NonResidential | yes |
| Non Residential | Retail | Single shop | 90 | yes | NonResidential | yes |
| Non Residential | Retail | Post office (purpose built) | 91 | yes | NonResidential | yes |
| Non Residential | Retail | Post office (within other shop/premises) | 92 | yes | NonResidential | yes |
| Non Residential | Retail | Shopping Centre | 93 | yes | NonResidential | yes |
| Non Residential | Retail | DIY Warehouse | 94 | yes | NonResidential | yes |
| Non Residential | Retail | Electrical warehouse | 95 | yes | NonResidential | yes |
| Non Residential | Retail | Furniture warehouse | 96 | yes | NonResidential | yes |
| Non Residential | Retail | Other retail warehouse | 97 | yes | NonResidential | yes |
| Non Residential | Retail | Large supermarket | 98 | yes | NonResidential | yes |
| Non Residential | Retail | Department Store | 99 | yes | NonResidential | yes |
| Non Residential | Retail | Laundrette | 100 | yes | NonResidential | yes |
| Non Residential | Retail | Hairdresser | 101 | yes | NonResidential | yes |
| Non Residential | Retail | Indoor Market | 102 | yes | NonResidential | yes |
| Non Residential | Retail | Vehicle sales | 103 | yes | NonResidential | yes |
| Non Residential | Retail | Petrol station | 104 | yes | NonResidential | yes |
| Non Residential | Retail | Bank/Building Society | 105 | yes | NonResidential | yes |
| Non Residential | Retail | Travel Agent | 106 | yes | NonResidential | yes |
| Non Residential | Retail | Estate Agent | 107 | yes | NonResidential | yes |
| Non Residential | Retail | Other retail | 108 | yes | NonResidential | yes |
| Non Residential | Laboratory/research Establishment | | 120 | yes | NonResidential | yes |
| Non Residential | Industrial Processing | Animal products | 130 | yes | NonResidential | yes |
| Non Residential | Industrial Processing | Chemicals | 131 | yes | NonResidential | yes |
| Non Residential | Industrial Processing | Oil refinery | 132 | yes | NonResidential | yes |
| Non Residential | Industrial Processing | Recycling | 133 | yes | NonResidential | yes |
| Non Residential | Industrial Processing | Other | 134 | yes | NonResidential | yes |
| Non Residential | Industrial Manufacturing | Factory | 140 | yes | NonResidential | yes |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|---|---------------------------|-----|-----------------|-------------------|-----------------------|
| Non Residential | Industrial Manufacturing | Mill | 141 | yes | NonResidential | yes |
| Non Residential | Industrial Manufacturing | Engineering | 142 | yes | NonResidential | yes |
| Non Residential | Industrial Manufacturing | Assembly | 143 | yes | NonResidential | yes |
| Non Residential | Industrial Manufacturing | Printing | 144 | yes | NonResidential | yes |
| Non Residential | Industrial Manufacturing | Other | 145 | yes | NonResidential | yes |
| Non Residential | Public Utilities | Gas works | 150 | yes | NonResidential | yes |
| Non Residential | Public Utilities | Sewage works | 151 | yes | NonResidential | yes |
| Non Residential | Public Utilities | Electricity power station | 152 | yes | NonResidential | yes |
| Non Residential | Public Utilities | Water works | 153 | yes | NonResidential | yes |
| Non Residential | Public Utilities | Other | 154 | yes | NonResidential | yes |
| Non Residential | Vehicle Repair | | 160 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Warehouse | 170 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Oil | 171 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Gas | 172 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Waste | 173 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Hazardous materials | 174 | yes | NonResidential | yes |
| Non Residential | Warehouses and bulk storage | Other | 175 | yes | NonResidential | yes |
| Non Residential | Animal boarding/breeding/kennels (not farm) | cats | 180 | yes | NonResidential | yes |
| Non Residential | Animal boarding/breeding/kennels (not farm) | dogs | 181 | yes | NonResidential | yes |
| Non Residential | Animal boarding/breeding/kennels (not farm) | Other | 182 | yes | NonResidential | yes |
| Non Residential | Car Parks | Underground | 190 | yes | NonResidential | yes |
| Non Residential | Car Parks | Multi-Storey | 191 | yes | NonResidential | yes |
| Non Residential | Car Parks | Other | 192 | yes | NonResidential | yes |
| Non Residential | Education | Pre School/nursery | 200 | yes | NonResidential | yes |
| Non Residential | Education | infant/primary school | 201 | yes | NonResidential | yes |
| Non Residential | Education | secondary school | 202 | yes | NonResidential | yes |
| Non Residential | Education | College/University | 203 | yes | NonResidential | yes |
| Non Residential | Education | Other | 204 | yes | NonResidential | yes |
| Non Residential | Food and Drink | Pub/wine bar/bar | 210 | yes | NonResidential | yes |
| Non Residential | Food and Drink | Takeaway, fast food | 211 | yes | NonResidential | yes |
| Non Residential | Food and Drink | Other Restaurant/café | 212 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Cinema | 220 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Theatre | 221 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Club/night club | 222 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Sports/Social club | 223 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Theme Park | 224 | yes | NonResidential | yes |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|--|------------------------------|-----|-----------------|-------------------|-----------------------|
| Non Residential | Entertainment and culture | Bingo Hall | 225 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Casino | 226 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Concert Hall | 227 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Zoo | 228 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Library | 229 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Museum | 230 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Art Gallery | 231 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Exhibition Centre | 232 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Community centre/Hall | 233 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Conference Centre | 234 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Health Centre | 235 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Other entertainment venue | 236 | yes | NonResidential | yes |
| Non Residential | Entertainment and culture | Other cultural venue | 237 | yes | NonResidential | yes |
| Non Residential | Hospitals and medical care | Hospital | 240 | yes | NonResidential | yes |
| Non Residential | Hospitals and medical care | Other (including surgery) | 241 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Football stadium | 250 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Rugby Stadium | 251 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Athletics Stadium | 252 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Cricket ground | 253 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Tennis Courts | 254 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Greyhound stadium | 255 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Racecourse | 256 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Motor racing circuit | 257 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Other outdoor sporting venue | 258 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Leisure Centre | 259 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Gym | 260 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Sports Hall | 261 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Indoor stadium | 262 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Swimming Pool | 263 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Ice rink | 264 | yes | NonResidential | yes |
| Non Residential | Sporting venues | Other indoor sporting venue | 265 | yes | NonResidential | yes |
| Non Residential | Sports pavilion/shower block/changing facility | | 270 | yes | NonResidential | yes |
| Non Residential | Private garage | | 271 | yes | NonResidential | no |
| Non Residential | Private Garden Shed | | 272 | yes | NonResidential | no |
| Non Residential | Private Summer house | | 273 | yes | NonResidential | no |
| Non Residential | Private greenhouse | | 274 | yes | NonResidential | no |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|--|--|-----|-----------------|-------------------|-----------------------|
| Non Residential | Other private non-residential building | | 275 | yes | NonResidential | no |
| Non Residential | Public admin, security and safety | Town Hall | 280 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Law Courts | 281 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Local Government Office (open to public) | 282 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Central Government Office (open to public) | 283 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Police station | 284 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Fire station | 285 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Ambulance station | 286 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Prison | 287 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Young offenders unit | 288 | yes | NonResidential | yes |
| Non Residential | Public admin, security and safety | Other public buildings | 289 | yes | NonResidential | yes |
| Non Residential | Religious | Cathedral | 300 | yes | NonResidential | yes |
| Non Residential | Religious | Church/Chapel | 301 | yes | NonResidential | yes |
| Non Residential | Religious | Mosque | 302 | yes | NonResidential | yes |
| Non Residential | Religious | Temple | 303 | yes | NonResidential | yes |
| Non Residential | Religious | Synagogue | 304 | yes | NonResidential | yes |
| Non Residential | Religious | Other | 305 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Barn | 310 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Greenhouse (commercial) glass | 311 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Greenhouse (commercial) polytunnel | 312 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Intensive Farming Sheds (chickens, pigs etc) | 313 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Milking Parlour | 314 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Tractor Shed | 315 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Other building | 316 | yes | NonResidential | yes |
| Non Residential | Permanent Agricultural | Silo | 317 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Train station - platform (overground) | 320 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Train station - platform (underground) | 321 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Train station - concourse | 322 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Train station - elsewhere | 323 | yes | NonResidential | yes |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|--------------------|---|--------------------------|-----|-----------------|-------------------|-----------------------|
| Non Residential | Transport buildings | Trains - engine shed | 324 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Trains - other | 325 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Airport - terminal | 326 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Airport - hangar | 327 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Airport - fuel storage | 328 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Airport - elsewhere | 329 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Docks | 330 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Ferry terminal | 331 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Bus/coach station/garage | 332 | yes | NonResidential | yes |
| Non Residential | Transport buildings | Other transport building | 333 | yes | NonResidential | yes |
| Non Residential | Mines and quarries - buildings above ground | | 334 | yes | NonResidential | yes |
| Non Residential | Public toilets | | 335 | yes | NonResidential | yes |
| Non Residential | Other buildings/use not known | | 336 | yes | NonResidential | yes |
| Multiple Vehicles | | | 350 | yes | RoadVehicle | no |
| Car | | | 340 | yes | RoadVehicle | no |
| Van | | | 341 | yes | RoadVehicle | no |
| Motor Home | | | 342 | yes | RoadVehicle | no |
| Agricultural | | | 343 | yes | RoadVehicle | no |
| Motorcycle | | | 344 | yes | RoadVehicle | no |
| Lorry/HGV | | | 345 | yes | RoadVehicle | no |
| Tanker | | | 346 | yes | RoadVehicle | no |
| Bus/coach | | | 347 | yes | RoadVehicle | no |
| Minibus | | | 348 | yes | RoadVehicle | no |
| Caravan on tow | | | 349 | yes | RoadVehicle | no |
| Other | | | 351 | yes | RoadVehicle | no |
| Trains | Passenger Train (above ground) | | 360 | yes | RailVehicle | no |
| Trains | Freight Train | | 361 | yes | RailVehicle | no |
| Trains | Tram | | 362 | yes | RailVehicle | no |
| Trains | Underground train – London system | | 363 | yes | RailVehicle | no |
| Trains | Underground train – Other system | | 364 | yes | RailVehicle | no |
| Aircraft | Passenger plane | | 370 | yes | Aircraft | no |
| Aircraft | Light aircraft | | 371 | yes | Aircraft | no |
| Aircraft | Helicopter | | 372 | yes | Aircraft | no |
| Aircraft | Freight plane | | 373 | yes | Aircraft | no |
| Aircraft | Military plane | | 374 | yes | Aircraft | no |
| Aircraft | Military helicopter | | 375 | yes | Aircraft | no |
| Aircraft | Other | | 376 | yes | Aircraft | no |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|-------------------------------|---|---------|-----|-----------------|-------------------|-----------------------|
| Boats | Barge | | 380 | yes | Boat | no |
| Boats | Fishing boat | | 381 | yes | Boat | no |
| Boats | Large passenger vessel | | 382 | yes | Boat | no |
| Boats | Motor yacht | | 383 | yes | Boat | no |
| Boats | Tanker | | 384 | yes | Boat | no |
| Boats | Other merchant vessel | | 385 | yes | Boat | no |
| Boats | Naval vessel | | 386 | yes | Boat | no |
| Boats | Other vessel | | 387 | yes | Boat | no |
| Grassland, woodland and crops | Standing crop | | 390 | yes | Outdoor | no |
| Grassland, woodland and crops | Stacked/baled crop | | 391 | yes | Outdoor | no |
| Grassland, woodland and crops | Woodland/forest - conifers/softwood | | 392 | yes | Outdoor | no |
| Grassland, woodland and crops | Woodland/forest - broadleaf/hardwood | | 393 | yes | Outdoor | no |
| Grassland, woodland and crops | Tree scrub | | 394 | no | Outdoor | no |
| Grassland, woodland and crops | Straw/stubble burning | | 395 | no | Outdoor | no |
| Grassland, woodland and crops | Domestic garden (vegetation not equipment) | | 396 | no | Outdoor | no |
| Grassland, woodland and crops | Nurseries, market garden | | 397 | yes | Outdoor | no |
| Grassland, woodland and crops | Heathland or moorland | | 398 | no | Outdoor | no |
| Grassland, woodland and crops | Grassland, pasture, grazing etc | | 399 | no | Outdoor | no |
| Grassland, woodland and crops | Scrub land | | 400 | no | Outdoor | no |
| Grassland, woodland and crops | Railway trackside vegetation | | 401 | no | Outdoor | no |
| Grassland, woodland and crops | Roadside vegetation | | 402 | no | Outdoor | no |
| Grassland, woodland and crops | Canal/riverbank vegetation | | 403 | no | Outdoor | no |
| Outdoor structures | Refuse/rubbish tip | | 410 | no | OutdoorStructure | no |
| Outdoor structures | Small refuse/rubbish container (eg wheelie bin) | | 411 | no | OutdoorStructure | no |
| Outdoor structures | Large refuse/rubbish container (eg skip) | | 426 | no | OutdoorStructure | no |
| Outdoor structures | Post box | | 412 | yes | OutdoorStructure | no |
| Outdoor structures | Telephone box | | 413 | yes | OutdoorStructure | no |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|---------------------------------|--|---------|-----|-----------------|-------------------|-----------------------|
| Outdoor structures | Kiosk | | 414 | yes | OutdoorStructure | yes |
| Outdoor structures | Other outdoor structures | | 415 | yes | OutdoorStructure | no |
| Outdoor structures | Tunnel, subway | | 416 | yes | OutdoorStructure | no |
| Outdoor structures | Bridge | | 417 | yes | OutdoorStructure | no |
| Outdoor structures | Railway goods yard | | 418 | yes | OutdoorStructure | yes |
| Outdoor structures | Shelter | | 419 | yes | OutdoorStructure | no |
| Outdoor structures | Camping tent | | 420 | yes | OutdoorStructure | no |
| Outdoor structures | Other tent/marquee | | 421 | yes | OutdoorStructure | yes |
| Outdoor structures | Other outdoor items including roadside furniture | | 422 | no | OutdoorStructure | no |
| Outdoor structures | Railings | | 423 | no | OutdoorStructure | no |
| Outdoor structures | Outdoor storage | | 424 | yes | OutdoorStructure | no |
| Outdoor structures | Recycling collection point, bottle bank | | 425 | yes | OutdoorStructure | no |
| Outdoor equipment and machinery | Garden equipment | | 430 | yes | OutdoorStructure | no |
| Outdoor equipment and machinery | Agricultural equipment | | 431 | yes | OutdoorStructure | no |
| Outdoor equipment and machinery | Pipes and drains | | 432 | no | OutdoorStructure | no |
| Outdoor equipment and machinery | Cables | | 433 | no | OutdoorStructure | no |
| Outdoor equipment and machinery | Barbeque | | 434 | no | OutdoorStructure | no |
| Outdoor equipment and machinery | Other outdoor equipment/machinery | | 435 | yes | OutdoorStructure | no |
| Other outdoors (including land) | Loose refuse | | 440 | no | Outdoor | no |
| Other outdoors (including land) | River/canal | | 442 | no | Outdoor | no |
| Other outdoors (including land) | Lake/pond/reservoir | | 443 | no | Outdoor | no |
| Other outdoors (including land) | Sea | | 444 | no | Outdoor | no |
| Other outdoors (including land) | Road surface/pavement | | 445 | no | Outdoor | no |
| Other outdoors (including land) | Railway | | 446 | no | Outdoor | no |
| Other outdoors (including land) | Airfield/runway | | 447 | no | Outdoor | no |
| Other outdoors (including land) | Cycle path/public footpath/bridleway | | 448 | no | Outdoor | no |
| Other outdoors (including land) | Cemetery | | 449 | no | Outdoor | no |
| Other outdoors (including land) | Park | | 450 | no | Outdoor | no |
| Other outdoors (including land) | Beach | | 451 | no | Outdoor | no |
| Other outdoors (including land) | Landfill site | | 452 | no | Outdoor | no |
| Other outdoors | Wasteland | | 453 | no | Outdoor | no |

| SUB TYPE (level 2) | CATEGORY (level 3) | level 4 | ID | Is Primary Fire | Property Category | Is Property Regulated |
|------------------------------------|--|----------------|-----------|--------------------------------|------------------------------|----------------------------------|
| (including land) | | | | | | |
| Other outdoors (including land) | Other outdoor location | | 454 | no | Outdoor | no |
| Other outdoors (including land) | Mines and quarries - excluding buildings above ground | | 455 | no | Outdoor | no |
| Not known | False Alarm – Property not found | | 9999 | no | Dwelling | no |

6.3 Special Service Types

| LEVEL 1 - Type of action | LEVEL 2 - Sub type | LEVEL 3 - Category | ID | IsRTC | IsHazMat |
|---------------------------------|--|---|----|-------|----------|
| RTC | Extrication of person/s | | 1 | yes | no |
| RTC | Make vehicle safe | | 2 | yes | no |
| RTC | Wash down road | | 3 | yes | yes |
| RTC | Advice only | | 4 | yes | no |
| RTC | Stand by - no action | | 5 | yes | no |
| RTC | Other | | 6 | yes | no |
| Other Transport incident | Extrication of person/s | | 10 | no | no |
| Other Transport incident | Release of person/s | | 11 | no | no |
| Other Transport incident | Make vehicle safe | | 12 | no | no |
| Other Transport incident | Advice only | | 13 | no | no |
| Other Transport incident | Stand by - no action | | 14 | no | no |
| Other Transport incident | Other | | 15 | no | no |
| Flooding | Evacuation | | 20 | no | no |
| Flooding | Pumping out | | 21 | no | no |
| Flooding | Advice only | | 22 | no | no |
| Flooding | Stand by - no action | | 23 | no | no |
| Flooding | Other | | 24 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in river, canal or other waterway | 30 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in lake, sea or estuary | 31 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person fallen through ice or at risk of doing so | 32 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in indoor or outdoor pool | 33 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person stranded on beach or cliff with rising or full tide, river side/ravine or other waterway embankment where could fall into waterway | 34 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in sinking or otherwise unsound vessel | 35 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in industrial or other manmade water feature, eg sewage plant, industrial effluent pool | 36 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in or on top of vehicle that is surrounded by moving or rising water greater than (2) foot deep | 37 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person in or on top of building that is surrounded by moving or rising water that will exceed head height or cause structural collapse | 38 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Person assisted from mobile home (e.g. caravan) surrounded by moving or rising water greater than (2) foot deep | 39 | no | no |
| Rescue or evacuation from water | Person in water or at immediate risk of entering water | Other | 40 | no | no |
| Rescue or evacuation from water | Person not in water or at imminent risk of entering water (NB water not flowing) | Person assisted from dwelling surrounded by water | 50 | no | no |

| LEVEL 1 - Type of action | LEVEL 2 - Sub type | LEVEL 3 - Category | ID | IsRTC | IsHazMat |
|---------------------------------|--|---|-----|-------|----------|
| Rescue or evacuation from water | Person not in water or at imminent risk of entering water (NB water not flowing) | Person assisted through or across public highway covered by water | 51 | no | no |
| Rescue or evacuation from water | Person not in water or at imminent risk of entering water (NB water not flowing) | Other | 52 | no | no |
| Other rescue/release of persons | Trapped in or under machinery or other object | | 60 | no | no |
| Other rescue/release of persons | trapped in collapsed structure | | 61 | no | no |
| Other rescue/release of persons | from mud | | 62 | no | no |
| Other rescue/release of persons | Confined space with a noxious, toxic or oxygen deficient atmosphere | | 63 | no | yes |
| Other rescue/release of persons | Confined space - atmosphere not noxious | | 64 | no | no |
| Other rescue/release of persons | from height | | 65 | no | no |
| Other rescue/release of persons | from below ground | | 66 | no | no |
| Other rescue/release of persons | Other | | 67 | no | no |
| Animal assistance incidents | Rescue from height | Farm animal, e.g. Horse or cow | 70 | no | no |
| Animal assistance incidents | Rescue from height | Cat, dog or other domestic pet | 71 | no | no |
| Animal assistance incidents | Rescue from height | Bird | 72 | no | no |
| Animal assistance incidents | Rescue from height | Other | 73 | no | no |
| Animal assistance incidents | Rescue from below ground | Farm animal, e.g. Horse or cow | 80 | no | no |
| Animal assistance incidents | Rescue from below ground | Cat, dog or other domestic pet | 81 | no | no |
| Animal assistance incidents | Rescue from below ground | Bird | 82 | no | no |
| Animal assistance incidents | Rescue from below ground | Other | 83 | no | no |
| Animal assistance incidents | Rescue from water | Farm animal, e.g. Horse or cow | 90 | no | no |
| Animal assistance incidents | Rescue from water | Cat, dog or other domestic pet | 91 | no | no |
| Animal assistance incidents | Rescue from water | Bird | 92 | no | no |
| Animal assistance incidents | Rescue from water | Other | 93 | no | no |
| Animal assistance incidents | Lift heavy animal | | 100 | no | no |
| Animal assistance incidents | Other | | 101 | no | no |
| Hazardous Materials incident | Class 1: Explosives | Environmental containment | 110 | no | yes |
| Hazardous Materials incident | Class 1: Explosives | No containment required | 111 | no | yes |
| Hazardous Materials incident | Class 2: Compressed Gases | Environmental containment | 120 | no | yes |
| Hazardous Materials incident | Class 2: Compressed Gases | No containment required | 121 | no | yes |
| Hazardous Materials incident | Class 3: Flammable Liquids | Environmental containment | 130 | no | yes |
| Hazardous Materials incident | Class 3: Flammable Liquids | No containment required | 131 | no | yes |
| Hazardous Materials incident | Class 4: Flammables | Environmental containment | 140 | no | yes |
| Hazardous Materials incident | Class 4: Flammables | No containment required | 141 | no | yes |
| Hazardous Materials incident | Class 5: Oxidizing Materials | Environmental containment | 150 | no | yes |
| Hazardous Materials incident | Class 5: Oxidizing Materials | No containment required | 151 | no | yes |
| Hazardous Materials incident | Class 6: Toxic Materials | Environmental containment | 160 | no | yes |
| Hazardous Materials incident | Class 6: Toxic Materials | No containment required | 161 | no | yes |
| Hazardous Materials incident | Class 7: Radioactive Materials | Environmental containment | 170 | no | yes |
| Hazardous Materials incident | Class 7: Radioactive Materials | No containment required | 171 | no | yes |
| Hazardous Materials incident | Class 8: Corrosive Materials | Environmental containment | 180 | no | yes |
| Hazardous Materials incident | Class 8: Corrosive Materials | No containment required | 181 | no | yes |
| Hazardous Materials incident | Class 9: Miscellaneous Dangerous Goods | Environmental containment | 190 | no | yes |

| LEVEL 1 - Type of action | LEVEL 2 - Sub type | LEVEL 3 - Category | ID | IsRTC | IsHazMat |
|---|--|---------------------------|-----|-------|----------|
| Hazardous Materials incident | Class 9: Miscellaneous Dangerous Goods | No containment required | 191 | no | yes |
| Hazardous Materials incident | Combination of substances | Environmental containment | 200 | no | yes |
| Hazardous Materials incident | Combination of substances | No containment required | 201 | no | yes |
| Hazardous Materials incident | Unknown | Environmental containment | 210 | no | yes |
| Hazardous Materials incident | Unknown | No containment required | 211 | no | yes |
| Spills and Leaks (not RTC) | Swill away non-hazardous substances | | 220 | no | no |
| Spills and Leaks (not RTC) | Vehicle leaking fuel | | 221 | no | yes |
| Spills and Leaks (not RTC) | Other | | 222 | no | yes |
| Making Safe (not RTC) | Stabilise or otherwise make safe unsafe structure | | 230 | no | no |
| Making Safe (not RTC) | Cordon off hole e.g. Hole in road, Hole in pedestrian area | | 231 | no | no |
| Making Safe (not RTC) | Remove object / obstruction from pedestrian area | | 232 | no | no |
| Making Safe (not RTC) | Remove object / obstruction from highway | | 233 | no | no |
| Making Safe (not RTC) | Removal/retrieval of dead body | | 234 | no | no |
| Making Safe (not RTC) | Removal/retrieval of other object | | 235 | no | no |
| Making Safe (not RTC) | Other | | 236 | no | no |
| Lift Release | To child | | 240 | no | no |
| Lift Release | To medical case | | 241 | no | no |
| Lift Release | To person in distress | | 242 | no | no |
| Lift Release | To able bodied person not in distress | | 243 | no | no |
| Lift Release | No persons involved | | 244 | no | no |
| Effecting entry/exit | To child | | 250 | no | no |
| Effecting entry/exit | To medical case | | 251 | no | no |
| Effecting entry/exit | To person in distress | | 252 | no | no |
| Effecting entry/exit | To able bodied person not in distress | | 253 | no | no |
| Effecting entry/exit | No persons involved | | 254 | no | no |
| Removal of objects from people | Ring removal | | 260 | no | no |
| Removal of objects from people | Handcuffs | | 261 | no | no |
| Removal of objects from people | Other objects, e.g. railings (not impaled) | | 262 | no | no |
| Removal of objects from people | Impaled | | 263 | no | no |
| Removal of objects from people | Other, involving injury | | 264 | no | no |
| Suicide/attempts | Threat of/attempted suicide | | 270 | no | no |
| Suicide/attempts | Suicide | | 271 | no | no |
| Medical Incident - Co-responder/First responder | Lift person | | 280 | no | no |
| Medical Incident - Co-responder/First responder | Breathing difficulties / impairment / Respiratory arrest | | 281 | no | no |
| Medical Incident - Co-responder/First responder | Chest Pain / Cardiac Arrest / Heart condition | | 282 | no | no |
| Medical Incident - Co-responder/First responder | Unconscious, fitting or unresponsive | | 283 | no | no |
| Medical Incident - Co-responder/First responder | Choking | | 284 | no | no |
| Medical Incident - Co-responder/First responder | Collapse | | 285 | no | no |
| Medical Incident - Co-responder/First responder | Shock / Anaphylactic shock | | 286 | no | no |
| Medical Incident - Co-responder/First responder | Other | | 287 | no | no |

| LEVEL 1 - Type of action | LEVEL 2 - Sub type | LEVEL 3 - Category | ID | IsRTC | IsHazMat |
|-----------------------------|--------------------------------------|--------------------|-----|-------|----------|
| Evacuation (no fire) | Gas Leak | | 290 | no | yes |
| Evacuation (no fire) | Unexploded bomb (not terrorist) | | 291 | no | yes |
| Evacuation (no fire) | Terrorist threat | | 292 | no | yes |
| Evacuation (no fire) | Explosion (no fire) | | 293 | no | yes |
| Evacuation (no fire) | Acetylene cylinders | | 294 | no | yes |
| Evacuation (no fire) | Other reasons | | 295 | no | yes |
| Water provision | Filling pool | | 300 | no | no |
| Water provision | Other | | 301 | no | no |
| Assist other agencies | Civil Disturbance | | 310 | no | no |
| Assist other agencies | Other assistance to police/ambulance | | 311 | no | no |
| Assist other agencies | Assistance to other agencies | | 312 | no | no |
| Advice Only | Fire safety advice | | 320 | no | no |
| Advice Only | Other advice | | 321 | no | no |
| Stand By | At known fire | | 332 | no | no |
| Stand By | Aircraft landing | | 330 | no | no |
| Stand By | Other stand by | | 331 | no | no |
| No action (not false alarm) | Service not required | | 340 | no | no |

6.4 False Alarm Reason Types

| LEVEL 1 | LEVEL 2 - Type: | LEVEL 3 - Alarm activated by (sub type): | LEVEL 4 - Alarm activated by (category): | ID |
|-----------------------------|--------------------------------------|--|--|----|
| Malicious False Alarm | By phone | - | | 10 |
| Malicious False Alarm | By phone, Call NOT challenged | | | 11 |
| Malicious False Alarm | Special Service - Not Required | | | 12 |
| Fire alarm due to Apparatus | Human | Accidentally/carelessly set off | | 20 |
| Fire alarm due to Apparatus | Human | Testing | | 21 |
| Fire alarm due to Apparatus | Human | Smoking | | 22 |
| Fire alarm due to Apparatus | Human | Cooking/burnt toast | | 23 |
| Fire alarm due to Apparatus | System: smoke alarm | Poor maintenance | | 30 |
| Fire alarm due to Apparatus | System: smoke alarm | Faulty | | 31 |
| Fire alarm due to Apparatus | System: smoke alarm | Damaged | | 32 |
| Fire alarm due to Apparatus | System: smoke alarm | Incorrect positioning | | 33 |
| Fire alarm due to Apparatus | System: smoke alarm | Unsuitable equipment | | 34 |
| Fire alarm due to Apparatus | System: sprinkler | Poor maintenance | | 40 |
| Fire alarm due to Apparatus | System: sprinkler | Faulty | | 41 |
| Fire alarm due to Apparatus | System: sprinkler | Damaged | | 42 |
| Fire alarm due to Apparatus | System: sprinkler | Incorrect positioning | | 43 |
| Fire alarm due to Apparatus | System: sprinkler | Unsuitable equipment | | 44 |
| Fire alarm due to Apparatus | System: heat | Poor maintenance | | 50 |
| Fire alarm due to Apparatus | System: heat | Faulty | | 51 |
| Fire alarm due to Apparatus | System: heat | Damaged | | 52 |
| Fire alarm due to Apparatus | System: heat | Incorrect positioning | | 53 |
| Fire alarm due to Apparatus | System: heat | Unsuitable equipment | | 54 |
| Fire alarm due to Apparatus | System: flame | Poor maintenance | | 60 |
| Fire alarm due to Apparatus | System: flame | Faulty | | 61 |
| Fire alarm due to Apparatus | System: flame | Damaged | | 62 |
| Fire alarm due to Apparatus | System: flame | Incorrect positioning | | 63 |
| Fire alarm due to Apparatus | System: flame | Unsuitable equipment | | 64 |
| Fire alarm due to Apparatus | System: other | Poor maintenance | | 70 |
| Fire alarm due to Apparatus | System: other | Faulty | | 71 |
| Fire alarm due to Apparatus | System: other | Damaged | | 72 |
| Fire alarm due to Apparatus | System: other | Incorrect positioning | | 73 |
| Fire alarm due to Apparatus | System: other | Unsuitable equipment | | 74 |
| Fire alarm due to Apparatus | Contaminants | Thrips | | 80 |
| Fire alarm due to Apparatus | Contaminants | Steam | | 81 |
| Fire alarm due to Apparatus | Contaminants | Chemicals/aerosols | | 82 |

| LEVEL 1 | LEVEL 2 - Type: | LEVEL 3 - Alarm activated by (sub type): | LEVEL 4 - Alarm activated by (category): | ID |
|-----------------------------|--------------------------------|--|--|-----|
| Fire alarm due to Apparatus | Contaminants | Dust | | 83 |
| Fire alarm due to Apparatus | Contaminants | Smoke Cloak | | 84 |
| Fire alarm due to Apparatus | External factors | Power surge | | 90 |
| Fire alarm due to Apparatus | External factors | Storm | | 91 |
| Fire alarm due to Apparatus | External factors | water supplies -sprinklers only | | 92 |
| Fire alarm due to Apparatus | Unknown | | | 100 |
| Good Intent false alarm | Fire | Smell of burning | Overheating light/fitting | 110 |
| Good Intent false alarm | Fire | Smell of burning | Overheating appliance | 111 |
| Good Intent false alarm | Fire | Smell of burning | Fire elsewhere (not at location) | 112 |
| Good Intent false alarm | Fire | Burnt toast/food | Toaster/toast | 120 |
| Good Intent false alarm | Fire | Burnt toast/food | Other cooking | 121 |
| Good Intent false alarm | Fire | Smoke/condensation | Controlled burning | 130 |
| Good Intent false alarm | Fire | Smoke/condensation | Air conditioning | 131 |
| Good Intent false alarm | Fire | Smoke/condensation | Steam | 132 |
| Good Intent false alarm | Fire | Smoke/condensation | Smoking chimney | 133 |
| Good Intent false alarm | Fire | Reflected light/sun-light | | 140 |
| Good Intent false alarm | Fire | Other | | 141 |
| Good Intent false alarm | Special Service - Not Required | | | 150 |

7. BVPI and NI Calculations within the IRS

The IRS will be able to provide the data to support calculation of the all of the current BVPI's which relate to incidents which are attended. The table below details the current BVPI's which relate to Fire and Rescue Services and identifies whether and how they can be calculated from the IRS data.

Note: It is assumed that all calculations below restrict to Incidents with an IncidentStatus >= '70' Published.

| BVPI | Description | Can the IRS calculate? | How will the BVPI be calculated? |
|--------|--|------------------------|--|
| 142ii | Number of primary fires per 10,000 population | YES | Number of primary fire incidents (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') |
| 142iii | Number of accidental fires in dwellings per 10,000 dwellings | YES | Number of primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = 'Accidental' or 'Not Known' [Codes 0,1] |
| 143i | Number of deaths from accidental fires in dwellings per 100,000 population | YES | Number of fatalities (Q9.6='Fatality') with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know' in primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = 'Accidental' or 'Not Known' [Codes 0,1] |
| 143ii | Number of injuries (excluding precautionary checks and first aid) arising from accidental fires in dwelling per 100,000 population | YES | Number of injuries (Q9.6='Injury' AND Q9.24 Severity= '1' or '2' with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know') in primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = 'Accidental' or 'Not Known' [Codes 0,1] |
| 144 | The percentage of accidental fires in dwellings confined to room of origin | YES | [Number of primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = ('Accidental' or 'Not Known' [Codes 0,1]) and ((Q8.22 = 'Limited to item 1st Ignited' OR = 'Limited to room of origin' OR = 'Roof space only' OR = 'External roof only' OR = 'Not applicable' [1, 2, 30, 63, 98]) OR IsHeatSmokeDamageOnly?(Q8.19)= 'Yes')] / [Number of primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = ('Accidental' or 'Not Known' [Codes 0,1])] |
| 146i | Number of malicious false alarms NOT attended per 1,000 population | NO | IRS only collects ATTENDED incidents Information is collected on annual OP1 collection. |

| BVPI | Description | Can the IRS calculate? | How will the BVPI be calculated? |
|--------|---|------------------------|---|
| 146ii | Number of malicious false alarms attended per 1,000 population | YES | Number of False Alarms (IncidentCategory = 'FalseAlarm') where False Alarm Reason (Q3.4) = 'Malicious' [Codes 10 - 19] |
| 149i | False alarms caused by automatic fire detection per 1,000 non-domestic properties | YES | <p>Number of False Alarms (IncidentCategory = 'FalseAlarm') where False Alarm Reason (Q3.4) = 'Due to apparatus' [Codes 20 - 109] AND Property Type(Q3.2) Category = (OtherResidential OR NonResidential) AND (PropertyType (Q3.2) IS NOT [Codes 271 – 275 OR 336])</p> <p><i>Note: BVPI states to exclude HMOs - in IRS these are categorised under dwellings so are automatically excluded.</i></p> <p><i>Note: The Codes above exclude 'Private Garden Sheds', 'Other unspecified buildings', etc.</i></p> |
| 149ii | Number of properties in 149i with more than one attendance | YES | By analysis of data at year-end. |
| 149iii | The % of false alarm calls which are to a non-domestic property with more than 1 attendance | YES | By analysis of data at year-end. |
| 150 | Expenditure per head of population | N/A | Collected in Local Government Finance return |
| 206i | Number of deliberate primary fires (excluding deliberate primary fires in vehicles) per 10,000 population | YES | Number of primary fires (IncidentCategory = 'Fire') where IsPrimaryFire Flag = 'Yes' AND Property Type(Q3.2) Category IS NOT 'RoadVehicle' AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| 206ii | Number of deliberate primary fires in vehicles per 10,000 population | YES | Number of primary fires (IncidentCategory = 'Fire') where IsPrimaryFire Flag = 'Yes' AND Property Type(Q3.2) Category = 'RoadVehicle' AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| 206iii | Number of deliberate secondary fires (excluding deliberate secondary fires in vehicles) per 10,000 population | YES | Number of fires (IncidentCategory = 'Fire') where NOT (IsPrimaryFire Flag = 'Yes' OR IsChimneyFire Flag = 'Yes') AND Property Type(Q3.2) Category IS NOT 'RoadVehicle' AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| 206iv | Number of deliberate secondary fires in vehicles per 10,000 population | YES | Number of fires (IncidentCategory = 'Fire') where NOT (IsPrimaryFire Flag = 'Yes' OR IsChimneyFire Flag = 'Yes') AND Property Type(Q3.2) Category = 'RoadVehicle' AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| 207 | Number of fires in non-domestic premises per 1,000 non-domestic premises | YES | Number of primary fires (IncidentCategory = 'Fire' and IsPrimaryFire = 'Yes') where IsPropertyRegulated (RRO) Flag = 'Yes' AND Property Type(Q3.2) Category = ('OtherResidential' OR 'NonResidential') AND (PropertyType (Q3.2) IS NOT [Codes 271 – 275 |

| BVPI | Description | Can the IRS calculate? | How will the BVPI be calculated? |
|-------|---|------------------------|--|
| | | | <p>OR 336]) AND (IsDerelict = 'no')</p> <p><i>Note: BVPI states to exclude HMOs - in IRS these are categorised under dwellings so are automatically excluded.</i></p> <p><i>Note: The Codes above exclude 'Private Garden Sheds', 'Other unspecified buildings', etc.</i></p> |
| 208 | The percentage of people in accidental dwelling fires who escape unharmed without FRA assistance at the fire. | YES | <p>(Total of Q9.1 + Q9.6='Injury' AND Q9.24 Severity= '4') with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know')</p> <p>/</p> <p>(Total of Q9.2</p> <p>+ Total of Fatalities (Q9.6='Fatality' with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know'),</p> <p>+ Casualties (Q9.6='Injury' AND Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know') and</p> <p>+ Rescues (Q9.6='Rescue')</p> <p>+ Total of Q9.1)</p> <p>for primary fires (IncidentCategory = 'Fire' AND IsPrimaryFire Flag = 'Yes') where Property Type(Q3.2) Category = 'Dwelling' and Cause/Motive (Q5.15) = 'Accidental' or 'Not Known' [Codes 0,1]</p> |
| 209i | The percentage of fires attended in dwellings where a smoke alarm had activated | YES | <p>% of fires (IncidentCategory = 'Fire' AND IsPrimaryFire = 'Yes') where 'AlarmSystemsPresent/System/Operated(*)' (Q5.11) = 'Yes, but did not raise alarm' OR 'Yes and raised alarm' [At least one code = 2 or 3] for fires where Property Type(Q3.2) category = 'Dwelling'</p> <p><i>Note: the (*) symbol above indicates that an incident can have more than one alarm system recorded, and so it is picking up the highest value of the multiple occurrences.</i></p> |
| 209ii | The percentage of fires attended in dwellings where a smoke alarm was fitted but did not activate | YES | <p>% of fires (IncidentCategory = 'Fire' AND IsPrimaryFire = 'Yes') where 'AlarmSystemsPresent/System/Operated(*)' (Q5.11) = 'No' [All codes excluding 2 and 3] for fires where Property Type(Q3.2) category = 'Dwelling'</p> <p><i>Note: the (*) symbol above indicates that an incident can have more than one alarm system recorded, and so it is picking up incidents that are</i></p> |

| BVPI | Description | Can the IRS calculate? | How will the BVPI be calculated? |
|--------|---|------------------------|--|
| | | | <i>not picked up in BVPI 209i above.</i> |
| 209iii | The percentage of fires attended in dwellings in which no smoke alarm was fitted. | YES | % of fires (IncidentCategory = 'Fire' AND IsPrimaryFire = 'Yes') where 'Was there an alarm system present' (Q5.8) = 'No' OR 'Don't know' for fires where Property Type(Q3.2) category = 'Dwelling' |
| 210 | The percentage of women fire fighters | N/A | Collected in annual HR return. |

The IRS will be able to provide the data to support calculation of the all of the National Indicators (NI's) which relate to incidents which are attended. The table below, details the current NI's which relate to Fire and Rescue Services and identifies whether and how they can be calculated from the IRS data.

| National Indicator | Description | Can the IRS calculate? | How will the BVPI be calculated? |
|--------------------|--|------------------------|--|
| NI 33 (a) | Number of deliberate primary fires/population x 10,000 | YES | Number of primary fires (IncidentCategory = 'Fire') where IsPrimaryFire Flag = 'Yes' AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| NI 33 (b) | Number of deliberate secondary fires/population x 10,000 | YES | Number of fires (IncidentCategory = 'Fire') where NOT(IsPrimaryFire Flag = 'Yes' OR IsChimneyFire Flag = 'Yes') AND Cause/Motive (Q5.15) = 'Deliberate' [Codes 2,3,4] |
| | | | |
| NI 49 (1) | Total number of primary fires per 100,000 population | YES | Number of primary fires (IncidentCategory = 'Fire') where IsPrimaryFire flag = 'Yes' |
| NI 49 (2) | Total number of fatalities due to primary fires per 100,000 population | YES | Number of fatalities (Q9.6='Fatality') with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know' in primary fires (IncidentCategory = 'Fire') where (IsPrimaryFire flag = 'Yes') |
| NI 49 (3) | Total number of non-fatal casualties (excluding precautionary checks) per 100,000 population | YES | Number of injuries (Q9.6='Injury' AND Q9.24 Severity= '1' or '2') with Q9.21– Was the death/injury fire related? = 'Yes' or 'Don't know' in primary fires (IncidentCategory = 'Fire') where (IsPrimaryFire flag = 'Yes') |

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