

# **Incident Recording System Changes Post Pilot to be implemented**

**Version 0.9.1**

## Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
23 <sup>rd</sup> February 2006	0.9	Initial Draft	Richard Edwards
6 <sup>th</sup> March 2007	0.9.1	Minor updates – outstanding queries resolved.	Richard Edwards

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## 1. Introduction

The purpose of this document is to detail the changes that DCLG propose to make to the Pilot IRS system in order to produce the production system.

These changes have been defined based on the issues raised during the pilot which ran from 30/10/2006 to 22/12/2006. These changes were discussed during a meeting on 17<sup>th</sup>-18<sup>th</sup> January with the Pilot FRSs.

Many of the changes identified are very specific affecting only a single question or section whereas others are more general and affect all sections or types of questions.

The issues that were raised during the pilot were logged and are available in a separate document.

## 2. General Changes to be implemented

The following general items are to be addressed:

- Where possible to ensure correct routing, users should be asked yes/no questions and if yes then a drop down list provided. Details are given in later sections.
- All times will include seconds and the use of drop down lists for entering times should be replaced with text entry (with validation).
- On the forms provide indication of mandatory fields. Most fields that are displayed are mandatory – although not all fields are required for all incident types and are hence not displayed. As there are very few optional fields (5 out of 100) we have decided to add (optional) to these fields rather than indicate the mandatory ones.
- Over the Border incidents process to be defined and supported - see later section.
- Need to address the issues of building interfaces and retrieving and using data.
- FRS quality assurance users need to be able to delete (cancel) incidents through the web site.
- Need to provide separate functionality for Control operators to enter mobilisation data. It is not clear if this is a requirement that is needed. It is therefore proposed that it will be implemented as a change after the go-live date if it is required.
- Questions that can only be entered by HQ or Control room staff. There is now only 1 question that Fire Officers may not be able to answer – Q13a – Origin of Call. This would normally be pre-populated. This will be mandatory – but the user may enter not known and provide a description. For published records the value 'Not Known' will be invalid.
- Additional Status value – 65 "Recorded with Queries". Incident recorded by the Fire Officer, but there are some details still to be completed by others in the FRS. This will help with QA workflow scenarios. Changed 'Cancelled' status value to '0' to simplify some of the validation rules.
- Parent Identifier – Will not be used at this stage or displayed but will be left in the XML schema.
- Guidance to be updated as indicated in the issues log.

- Ethnicity of household will not be collected for all 1.2 million incidents per year – as we do not believe that it is practical. We asked CFAA to provide any requirements and it has been confirmed that this data does not need to be collected.
- Questions will be renumbered.

The following items which relate to particular types of fire/incidents are to be addressed:

- Fire spread issues. These will be handled through guidance and examples. No changes to questions have been identified.
- RTCs – will be a specific type of special service incident. For RTCs there will be some additional questions. This was felt preferable to having it as a separate incident type as it allows in the future for additional data to be collected on other special services (e.g. flooding). All RTC special services will be grouped together.
- Fires on outside of properties to be addressed (e.g. to a thatched roof).  
Add an option 'Affected Roof only' to Q91a. To Q56 – Item first ignited split structural/fixtures/fittings into 'internal and 'external'. If 'external' selected then Questions 94,95,98 won't be asked.
- Late calls to be reviewed (to ensure only relevant data is collected)  
If a late call then: Q76 MainActionFRS and Q85 Starting Firefighting delay won't be displayed and will be defaulted to 'No delay' and 'None' respectively. Also no resources can be used so the resources used questions won't be asked.
- Heat and Smoke damage only needs to be reviewed (to ensure only relevant data is collected)  
Question will be moved to the Damage section/page  
For heat and smoke damage only fires the following questions will not be required:  
Q90a not required  
90b – Not required  
91a – Not required  
91b – not required  
Q92 will be defaulted to 'None'

### 3. Detailed changes by Data section

This part of the document describes the detailed changes to be made to each section (page) of the data entry forms (and associated XML Schema).

#### 3.1 Incident Identification Section

The following changes will be made:

- Add a question – Station. Should default to users home station, but can be altered. This can be pre-populated by FRS Command and Control systems.
- Add optional FireOfficerId that can be defaulted by Command and Control System, or is defaulted to the users Logon UserId if they are creating the Incident record.  
This allows FRS's to control at the Station or FireOfficer level depending on their need.  
The fields used are in the ResponsibleParty section
- Move Q26 'Over the Border?' onto 'Section 2 At Call'. Add 'Recording - FRSId' to distinguish the FRS who is recording the Incident as well as the FRS the incident is Published for. An additional 'Over the Border FRS Incident Identifier' will be added as an optional field along side the 'Over

the Border Indicator' to allow the FRS to specify their own internal reference for identifying the Incident logged on behalf of another FRS.

### **3.2 Incident Details at Call Section**

The following changes will be made:

- Q13a – Origin of Call – should add options for 'Police', 'Ambulance', Coastguard?, Other FRS . We also need to add a 'Description' field to support 'Not known' option for FRS command and control systems. The FireOfficer will then complete appropriately.
- Q13b – Was Call Confirmed should be removed.
- Q16 - Mobilise incident type should be made into a hierarchy. We also need to add a 'Description' field to support a new '0 = Not known' option for FRS command and control systems. The FireOfficer will then complete appropriately.
- Q16. Liaise with FireControl about any possible changes (e.g. Ring removal).
- Current check for HazMat (Error 3123) which is against the mobilize incident type (Q16) should be replaced with a check against the actual special service type selected and should become an information message only – thus allowing the incident to be published. Add an explicit (yes/no) field defaulted from the Special Service Type. This is consistent with point 1 in document.
- Q30 – Late Call, Q14a/14b Time/Date of Stop Message and Q15a/b Time/Date Incident Closed will be moved to the at Call Section from the On Attendance Section.

### **3.3 On Attendance Section**

The following changes will be made:

- Move The Special Service drop-down list (taxonomy) to just under Q20a. Incident Category (Fire, False Alarm, RTC, Other Special Service).
- Move the False Alarm Reason drop-down list (taxonomy) to just under the Special Service list However, based on Q20a. You would only see one or the other
- The Property Type question to be moved up the screen just after Q20a.
- If a Fire is selected then only the PropertyType would appear.
- Q20b - The PropertyType will be made mandatory for all Fires, Special Services and False Alarms. A multiple vehicles option will be added to allow for RTCs with multiple vehicles. The list will be reviewed to identify any other missing values.
- Remove the 'Outdoor' PropertyType entries that refer to derelict entries. These are not required as there is an explicit 'Is property derelict?' question. The current entries cause confusion.
- Q200 – to be spilt into 2 questions.  
Q200a – 'Were persons rescued, released, extricated, injured or killed in the incident?'.  
Q200b 'Were persons evacuated in the incident?' Both questions will be asked for all Fires, and Special Services .

- Change question 201 to 'Were 5 or more appliances deployed?' – Yes/No. If the command and control system has pre-populated the vehicle/appliance details then this field will be defaulted to Yes/No as appropriate.
- Q14a – Stopped Mobilising Time will be re-named 'Stop Message Time'
- Q29 will be reworded to say "Was the fire confined solely to the property's internal chimney?".

### 3.4 Location Section

During the pilot some significant issues were raised about the functionality and performance of the system.

The following changes will be made:

- Gazetteer functionality to be improved. Allow display of all properties in a postcode (e.g. RG27 9AT), allow search by street and placename (Cypress St, Altrincham), allow search by street and partial postcode (Cypress St , M32)  
Currently many valid addresses cannot be located (~20%?) this needs to be significantly improved.
- Change interface so that user is initially required to 'find address', only if address is not found should it be possible to manually enter the address.
- Make grid reference mandatory if status = Published (currently is optional if an address is provided). The grid reference will be taken as the most reliable location over the address.
- Improve performance of Mapping interface
- In mapping interface add indication of currently selected location
- In mapping interface – alter dimensions of map – needs to be squarer. Possibly 750x500 pixels.
- In mapping interface - Resolve issue of Street names not being displayed at lowest level.
- Add further AlternativeReference Gazetteer details e.g. TOID Reference. TBC with Fire Control.

### 3.5 Additional Info Section

The following changes will be made:

- Questions 20c (Special Service Type) and Question 20d (False Alarm Reason) to be moved to On Attendance page.
- Question 20c (Special Service Type) to be re-organized to be made easier to use. Particularly group all RTC values together.
- Question 20c – review options. E.g. Service not required.
- Q20d – False Alarm Reason - remove options that refer to 'Call Challenged'
- Q20d – Add options for 'Smoke Cloak'
- Q24 – Is it Heritage/listed building. Remove
- Q25b – Is the building normally occupied? Change to 2 questions: 'Was there anyone in the building at the time of the fire? Is it normally occupied? Add squatters as an option to the list.
- Q26 – Terrorist incident – Remove. Separate annual collection.
- Q27 – Major incident – Remove. Separate annual collection.
- Q32a – FOSI. Re word question to say - 'Was there an attack on firefighters at this incident?'  
Remove questions 32b, 32d, 32e.  
Move these questions to the On Attendance section (Q32a,32c,32f,32g)
- Resolve problems with RRO and Safety systems in dwellings (See below)
- Q208 – Removed, no longer required.
- Q64 remove.

- Q65 – split into 2 questions. Q65a – Means of Escape, Q65b – Compartmentation. Options to be more factual.
- Q107 – needs to allow for large outdoor fires. Option should be > 1 hectare and allow the user to enter the area in hectares.
- Add question to ask if Hazardous Materials were involved. If Yes then ask Questions 109,110,111. The Yes/No will be defaulted to Yes if the Special Service type selected is categorised as a Hazmat related Incident. Otherwise, the user will need to set it to Yes/No before the incident can be published.
- Q109 – Re-word question to be 'What hazardous materials were involved? (Please list the UN numbers of the hazardous chemical)'
- Q109 – a list of the 15 most common hazardous materials will be provided to make data entry easier on the form.
- Q112 – Attended previously. Remove question – BVPI will be produced by analysis at year-end – to be performed by the FRS (extract/reporting from the IRS system could be used)
- Q113 – CFS Remove

### 3.5.1 Resolution of issues with RRO and safety systems in dwellings.

Before Qu 64, we need -

Is this property covered (regulated?) by the Regulatory Reform (Fire Safety) Order 2005? **Yes/No**  
(wording to be confirmed – e.g. Fire Safety legislation)  
Default based on property type selected previously (qu 20b) (can be overridden)

Guidance will provide list of property types included in RRO.

If YES, then continue through form, qu 65 (now in 2 parts, see above) onwards (Question 64 is being removed).

If NO, don't answer qu 64 (being removed) and 65 (or qu 86-88). Go to qu 66a - 71a on smoke alarms.

Then, on the On Attendance – Action page get option of answering qu 66b (to see if domestic sprinklers fitted).

If answer is 'none', next qu will be qu 72. being removed – so, qu 48  
i.e. cause of fire

The following sections will now include an explicit (yes/no/don't know) question to identify if any details are captured:

- AlarmSystemsPresent – defaulted based on Property type
- SafetySystemsPresent – defaulted based on property type
- ManualSystems
- BuildingFacilitiesPresent – defaulted based on property type

SafetySystemsPresent and BuildingFacilitiesPresent are defaulted to Yes if RRO question is Yes. Otherwise the user has to enter Yes/No

### 3.5.2 RTCs

RTCs will be a type of special service incident and some specific questions will be asked.

These are:

- a) Number of cars/small vehicles (incl Mini vans)

- b) Number of large vehicles (coaches, lorries etc)
- c) Number of two-wheeled vehicles e.g. motorbikes
- d) Were any extrications performed? – Yes/no

Questions a, b and c above will only be asked for multiple vehicle RTCs.

For each extrication

- Type of vehicle. Vehicle categories from Property type options.
- Position of vehicle
- Type of extrication method used (if any)
- Time taken for extrication

If the Incident has a Category of 'Fire' and a PropertyType of a Road Vehicle (e.g. Small Vehicle, Large Vehicle, Multiple Vehicles) then a question can be asked "Was the Incident an RTC? (Yes/No).

If the incident was an RTC special service then this question would be defaulted to 'Yes' for RTC details.

This approach is the same approach as we have with Hazardous Materials involved, which is used for Fires and some Special Services.

This allows data to be fully captured for a: Fire at RTC with Hazardous Materials. This also follows the pattern of having Yes/No flags for all key factors: IsPrimaryFire, IsChimneyFire, IsRTC, IsHazMat relating to major question sections.

These questions will be added to the Additional Information section.

### **3.6 Resources Used Section**

The following changes will be made:

- Q33a1 – type of vehicle. Change question to 'FRS Vehicle'. New vehicle types to be added.
- Q33a2 Callsign. Make callsign mandatory but allow FiReControl or Brigade or both.
- Appliance Times. On forms. Make 33d (Time appliance at scene) and 33e (Time appliance available to be redeployed) mandatory. 33b, 33c, 33f optional (but see below). If data are fed from C&C we would expect all fields completed. Add tighter validation rules for Date/Time values.
- Q33f – Time appliance left scene – remove. As no FRSs collect it. Confirm with FiReControl.
- Q33k – Number of incident command officers. Should be a separate question (not part of vehicle record). New wording 'How many Officers attended the incident that did not travel on the FRS appliance/s?' (exact wording to be confirmed)
- Q204 – Home Station Id. Make selectable from a drop down list. Must allow for stations in other neighbouring FRSs
- Q34a1 – Type of resource/equipment. List has been reviewed and updated.
- Q34a1 – Type of resource/equipment. It needs to be made possible to specify that no resources were used.  
Add an equipment used question 'Were resources or equipment used at the Incident? (y/n)' – defaults to 'No' for false alarms. Yes for everything else.
- In XML schema move 'Deployed Location' to optional 'Deployed To Location' for each vehicle. If data is fed from C&C we would expect fields to be completed if available.
- Demounted resources and Pods – We are concerned with what was sent to the incident, not really if a prime mover was used to get it there. The vehicle list will detail all major appliances/times that can be deployed (i.e. that have a callsign). For each vehicle/appliance it will

be possible to indicate that it was demountable (attended by being towed by a prime mover / transporter) . We will remove the Prime Mover option from the option list to avoid confusion.

- Levels of BA control – To be removed as it can be determined from number of BA used.
- General – can usability be improved?

### 3.7 Action Section

The following changes will be made:

- Q66b – Type of active safety systems - Needs to be asked for domestic properties to allow for domestic sprinkler systems. Default to none if not a RRO property. If answer is none then next question is 48
- If Q66b answer is none then Q68b, 69b, 70, 70b, 71b all not displayed.
- Q72 – remove.
- Q82, Q83 – Add a question – ‘Were any manual systems used?’ If Yes display questions 82, 83. Add options none and other to Q83.
- Q76 - ‘Delay in starting firefighting’ – Question and options to be re-designed.

### 3.8 Damage Section

The following changes will be made:

- Q46 – Place where fire started. Needs to be updated to allow for ‘kitchens’ in non-residential buildings. Review complete list for inconsistencies.
- Further validation related to ‘floor of origin’ questions
- Q48 – if the options ‘Faulty lead to equipment or appliance’ or ‘fault in equipment or appliance’ are selected add an additional optional question and text box to enter the make/model of appliance. This is a single text field.
- Q48, 53a, 56, 57 – review need for hierarchy. No hierarchies are required, felt that usability will be better without.
- Q53a add acetylene
- Q51 – remove ‘appliance’ from title.
- Q52a – alter to use the census categories for households. Remove ‘at time of incident’ from question. The values are:
  - lone person over pensionable age
  - lone person under pensionable age
  - lone parent with dependant child/ren
  - Couple both under pensionable age with no children
  - Couple one or more over pensionable age, no children
  - Couple with dependant child/ren
  - 3 or more adults under pensionable age, no child/ren
  - 3 or more adults with dependant child/ren
  - Other
  - Not known
- Q52b – split into 2 questions. ‘Human factors contributing to fire’, Was impairment due to suspected drugs/alcohol a contributory factor in the fire?. Yes/No. Remove smoking, add distraction as an option.
- Review questions for fires on outside of properties e.g. roof  
Add an option ‘Affected Roof only’ to Q91a. To Q56 – Item first ignited split structural/fixtures/fittings into ‘internal and ‘external’. If ‘external’ selected then Questions 94,95,98 won’t be asked.
- Q53a – Remove ‘chip pan’ and some other values.

- Q53b – Ignition Source powered by – should only be displayed for relevant options in Q53a. Add a ‘not applicable’ option.
- Q56 – Add option ‘Wiring Insulation’
- Q57 – Change title to add ‘mainly’ responsible for spread. Add ‘none’ option.
- Q58 – Remove option ‘Yes, doors (open or closed)’. Add ‘other’ option.
- Q59 – Add acetylene
- Q60 – Explosion due to dangerous substances. Include an explicit (yes/no/don't know) question to identify if any details are captured. If yes Q60, Q61, Q62 are displayed Add acetylene.
- Q63 – add ‘Not known’ to options.
- Q90a – for cars use current FDR1 list.
- Q90b – Update XML Schema so correct option list is used.
- Q92 – Fire damage at stop – should not be asked if there is Heat and Smoke damage only. A ‘None’ value will be added.  
‘Heat and Smoke damage only’ Question moved to the Damage section/page  
If ‘Heat and Smoke damage only’ is selected then :  
Q90a not required  
90b – Not required  
91a – Not required  
91b – not required  
Q92 will be defaulted to ‘None’
- Q94 – validation rule to be added to ensure that room size is less than or equal to floor size.
- Q96 – clarify in guidance that it is above Ground **floor**.

### 3.9 Involvement of persons Section

The following changes will be made:

- Q37f – should be a single question. The High level category will be removed. The detailed values are: “British”, “Irish”, “Other White”, “White & Black Caribbean”, “White & Black African”, “White & Asian”, “Other Mixed”, “Indian”, “Pakistani”, “Bangladeshi”, “Other Asian”, “Caribbean”, “African”, “Other Black”, “Chinese”, “Any Other”, “NOT STATED”
- Q37g – Cause of death/nature of injury. Lists needs more options –especially that relate to RTC, special services and co-responder incidents.  
New options to be added are:  
Back / neck injury (spinal)  
Head injury  
Chest / abdominal injury  
Chest pain / Heart condition / cardiac arrest  
Unconscious, fitting or unresponsive  
Shock / anaphylactic shock (to replace shock)  
Choking  
Collapse  
Other medical condition (to replace current option)
- Evacuation. Should ask if the FRS performed an evacuation (Q200b). This is valid for ALL primary fires and special services.  
If yes then Q38a, 39, 80, 81 are displayed.
- Question 38b will be removed.
- To satisfy BVPI 208. For dwelling fires we will collect Q38a ‘Total number evacuated with FRA assistance’ , Q39 ‘Number evacuated – without assistance’

- For all non-dwelling evacuations e.g. commercial buildings and special services) we will ask a new question 38c 'Number of people evacuated with FRA assistance' and we will collect numbers in bands e.g. 1-20, 21-100, 101-250, 251 -1000, more than 1000
- Lift rescue/release – we will NOT collect the number of persons released. Rescue victims (e.g. if trapped in machinery) are collected as for all incidents.
- Q37j, 37k, 37l – will be asked for Primary building fires only.
- Q37o, 37p, 37q – not needed for Special Services.
- For Fatalities/Injuries add a question: 'Was the death/injury fire related?'. This is for fire incidents only.
- Q37m – Add option: 'Other FRS Personnel on duty'. Also reword 'Firefighter' to 'Firefighter on duty'
- Q37h – Update wording, so that no requirement to check outcome with hospital. New wording is:  
1 serious - 'Victim went to hospital, injuries appeared to be serious'  
2 slight - 'Victim went to hospital, injuries appeared to be slight'.  
3 Same  
4 Same  
For RTCs - If FRS do nothing at scene involving a victim then leave recording to police for transport stats (STATS 19) don't make FRS staff get the info themselves.

### 3.10 Summary Page

- Additional validation will be added for three types of Notes based on the Incident Status: Incident Summary, FRSQueries and National Statistics Queries
- A selection of the data entered will be displayed on the summary page to give an 'overview' of the incident.

## 4. Usability Issues

The following will be made:

- Where possible users should be asked yes/no questions and if yes then a drop down list provided
- Allow users to return to their search list rather than to the homepage.
- Alter 'My Incidents' functionality to show all incidents for a station & Fire Officer ID that have not been completed (status=recorded – Status values 10 to 60).
- Provide a 'traffic light indication'. Amber = 7-14 days after incident. Red= More than 14 days.
- Improve date/time input
- Put Incident Identifier, Status, Updated By and Date/Time on top line just under or above BreadCrumbs navigation. Currently you can't tell which Incident the user is inputting when on most screens.

## 5. Questions that HQ/Control room can enter

The following question we assume can be answered by HQ control room only.

- Q13a- Origin of call

In this case an incident should be able to be recorded by the attending officer and these fields not completed but they must be completed prior to publication to CLG.

The command and control system would pre-populate with a '0 = Not known' and the population of a Description text field.

The following question that could not be answered by the OIC has been reworded:

- Q32b – FOSI classification – reworded to cover only Attacks on Firefighters.

The following questions that could not be answered by the OIC have been removed:

- Q13b – Call confirmed?
- Q24 – Is heritage/listed building
- Q26 – Terrorist incident on attendance
- Q27 – Major incident
- Q64 – Most recent fire inspection date
- Q72 – Was there any follow-up Fire-Safety action or Investigation?
- Q112 – If AFA false alarm attended previously?
- Q113 – CFS Activity in last 6 months.

## **6. IT Issues**

The following changes will be made:

- Give more advice, guidance on building interfaces. It is proposed that DCLG will provide a test application that can be installed on a PC and allow the user to test each web-service. The code for this application will be provided as an example.
- Give more advice, guidance on how to retrieve the XML data and import into existing systems. It is proposed that DCLG will provide an example Microsoft Access database and the code required to import XML records into the example database.

## **7. Business Processes**

The following will should be made:

- Allow FRS QA users to delete incidents (set to cancelled)
- Provide ability to perform batch publishing.
- Provide ability for Control room staff to enter mobilization data as a separate function – It is not clear if this is a requirement that is needed. It is therefore proposed that it will be implemented as a change after the go-live date if it is required
- Provide ability to handle over the border incidents
- Provide ability for Helpdesk to copy incidents – so that they can work on them and resolve issues.

## **8. Data for BVPIs**

Although BVPIs will not be collected from 2008 onwards it is necessary for the IRS to be able to collect all the data required for the BVPIs, otherwise FRSs would be forced to make a separate data collection.

An analysis of the data required for BVPIs has been made against the proposed IRS data collection. This has shown that all the BVPIs can be calculated using the data with the exception of:

- BVPI 208 – The percentage of people in accidental dwelling fires who escape unharmed without FRA assistance at the fire.

In order to collect the data for this BVPI we will ask the following 2 questions for dwelling fires (it had been intended to remove these) :

- Q38a – How many people were evacuated with FRA assistance?
- Q39 – How many people were evacuated without FRA assistance?

The need for these questions will be evaluated in 2008.

## 9. Questions being removed

The following questions have been removed:

- Q13b – Call confirmed?
- Q24 – Is heritage/listed building
- Q26 – Terrorist incident on attendance
- Q27 – Major incident
- Q32b – FOSI Classification
- Q32d – Did the Police Service Attend?
- Q32e – Did the Ambulance Service Attend?
- Q33f – Time appliance left scene – remove
- Q64 – Most recent fire inspection date
- Q72 – Was there any follow-up Fire-Safety action or Investigation?
- Q112 – If AFA false alarm attended previously?
- Q113 – CFS Activity in last 6 months

## 10. Over the Border Incidents

The Pilot IRS did not handle the business processes around 'over the border' incidents, it was possible to enter the incident data but the process for publishing and viewing them amongst the FRS concerned was not defined or implemented.

For the IRS Production System it is necessary to support this business process.

Over the border incidents are currently defined as:

An incident where one FRS attends an incident within the borders of another. The report is completed by the FRS that attended the incident, but should be submitted by the FRS whose territory the incident occurred in as its own

The following process and functionality will be used to handle over the border incidents.

Thus there are two FRSs involved – the **Attending FRS** who actually dealt with the incident, and the **Territorial FRS** on whose territory the incident occurred.

This process has been defined using the following principles:

- The incident should exist only once within the IRS
- The fire officer who completes the data should use the system they normally use.
- The IRS should store the incident ID for both FRSs involved
- The incident data can only be updated by the attending FRS
- The **Attending FRS** is responsible for Quality Assurance of the incident data
- The **Attending FRS** should 'publish' the incident (as they do the QA etc) – **This is a change from the current process** where the **Territorial FRS** submits the form/data.
- The **Territorial FRS** is able to view, print and extract the data and optionally add their own incident number.
- The **Attending FRS** is able to edit/view, print and extract the data.

The following changes to the Questions/XML will be made:

- The 'over the border' question will be moved to the incident identity screen. It will be defaulted to 'No'
- If the user selects 'yes' then they will be asked to
  - a) select the FRS on whose territory the incident occurred (**Territorial FRS**)
  - b) optionally enter the **Territorial FRS** Incident number – we assume that this will rarely be known.

### 10.1 Scenarios

Attending FRS using	Territorial FRS using	Process
Online forms	Online Forms	Fire officer inputs incident data using Online forms. Incident QA is done using the online system Incident is published on online system. Incident can be viewed/extracted by both FRSs at any time. Territorial FRS can update their incident ID at any time
Online Forms	MIS/XML	Fire officer inputs incident data using Online forms. Incident QA is done using the online system Incident is published on online system. Incident can be viewed/extracted by both FRSs at any time. Territorial FRS can update their incident ID at any time Territorial FRS can extract data and import into their MIS (depending on functionality available)
MIS/XML	Online Forms	Fire officer inputs incident data using their MIS. Incident QA is done using the MIS Incident is published to the IRS. Incident can be viewed/extracted by both FRSs at any time. Territorial FRS can update their incident ID at any time
MIS/XML	MIS/XML	Fire officer inputs incident data using their MIS. Incident QA is done using the MIS Incident is published to the IRS. Incident can be viewed/extracted by both FRSs at any time. Territorial FRS can update their incident ID at any time (optional) Territorial FRS can extract data and import into

		their MIS (depending on functionality available)
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## 11. Functionality to be added to Production system

The IRS Pilot system did not contain all the functionality planned for the Production IRS system but was planned to provide the main data collection functions.

The following functionality that was not in the Pilot IRS will be provided by the Production IRS system for use by FRSs:

- Reporting capabilities – detailed reports to be defined.
- Single incident report – 2 versions – a full report and a report with any data subject to the data protection act removed.
- Export of data in FSEC format