

NFIRS 5.0 Design Documentation Changes

Change Number	Change Date	Documents Affected	Location In Design Document	Description of Problem	Correction Description
The following changes will be applied in the 2012.1 cycle of the Design Specification effective January 1, 2012.					
329	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit 168, Basic Module, Action Taken, Page 107	Modification of Current Edit Rule: The system was allowing an Action Taken code of 93 Canceled en- route with incident types other than 611. Action Taken 93 is only for 611s on the Basic Module. A warning is fine for the Apparatus/Personnel module but if the action taken is 93 and incident type isn't 611 on the Basic module, that should be a critical error and not a warning like it is on the Apparatus/Personnel Module.	Generate a critical error message, "Action Taken Canceled En-Route, Incident Type not Canceled En-Route", if one of the Basic incident Action Taken codes is 93 (Canceled en-route) and the Incident Type is not 611 (Canceled en-route). The modified rule should only be enforced for incidents with an alarm date on or after 1/1/2012.
330	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit 179, Basic Module, Incident Type, Page 108	The only allowable action taken for an incident type of 'canceled en- route' should be '93 Canceled en- route'	Added new Relational Edit 179: If Incident Type is 611 and Actions Taken is not 93, then generate a critical error message "Incident Canceled En-Route/Incident Action Taken not Canceled En-Route ". This rule should only be enforced for incidents with an alarm date on or after 1/1/2012.
331	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit 177, Basic Module, Arrival Time, Page 107	The warning error message for this edit was included to reduce potential user confusion	If Arrival Time is 20 minutes or more after the Alarm Time, generate a general warning level error that reads 'The total response time for this incident exceeds the NFPA standard. Please check your times. If the incident times are correct, no further action is required.'

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332	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG (form graphics)	Design Documentation, Edit Requirements, Wildland Fire Module, Heat Source, Page 90	Heat Source is required on the Fire Module and should be required on the Wildland Fire Module if that module is completed instead.	The Wildland Fire Module's "Heat Source" field is required when the incident has an alarm date on or after 1/1/2012.
333	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG (form graphics)	Design Documentation, Edit Requirements, Wildland Fire Module, Factors Contributing to Ignition, Page 90	Factors Contributing to Ignition is required on the Fire Module and should be required on the Wildland Fire Module if that module is completed instead.	The Wildland Fire Module's "Factors Contributing to Ignition" field is required when the incident has an alarm date on or after 1/1/2012.
334	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG (form graphics)	Design Documentation, Edit Requirements, Wildland Fire Module, Human Factors Contributing to Ignition, Page 89	Human Factors Contributing to Ignition is required on the Fire Module and should be required on the Wildland Fire Module if that module is completed instead.	The Wildland Fire Module's "Human Factors Contributing to Ignition" element is required when the incident has an alarm date on or after 1/1/2012.
335	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit #180, Basic Module, Incident Type, Page 108	If the Incident Type is a building then the Structure Type on the Structure Fire Module must also be a building for consistency.	Added new Relational Edit 180: If Incident Type is 111 or 113-118 then Structure Type may only be 1 or 2 (if the Structure Fire Module is present). The consistency between the two fields should only be enforced for incidents with an alarm date on or after 1/1/2012.
336	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit #181, Fire Module, Equipment Involved in Ignition, Page 108	Equipment Involved in Ignition must always be completed when the fire was started by operating equipment.	Added new Relational Edit 181: If Incident Type not = 13X AND (Heat Source = 1X OR Factors Contributing to Ignition fields #1 or #2 equal to 36, 37, 52, 53, 54, 55, 56, 57, 58) THEN Equipment Involved in Ignition is required and cannot be NNN. This rule should only be enforced for incidents with an alarm date on or after 1/1/2012.

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337	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit #182, Basic Module, Exposure Number, Page 108	Exposure incidents should only exist for fire incidents.	Added new Relational Edit 182: If an incident is an exposure (Exposure Number > 0) then the incident type must be an incident type in the "fire" series (100-173). This rule should only be enforced for incidents with an alarm date on or after 1/1/2012.
338	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit #183, Basic Module, Last Unit Cleared, Page 108	A warning was needed for non weather incidents that last more than 24 hours as a quality control check.	Added new Relational Edit 183: If the Incident Type is not in the 800 series and the Last Unit Cleared Date/Time occurs 24 hours or more after the Alarm Date/Time then the system shall generate a warning message. This rule should take effect only after 1/1/2012. Warning Message: "Incident duration of one day or more for a non severe weather or natural disaster incident. Please check incident times. If accurate, no further action required".

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339	08/15/11	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Relational Edit #184, Basic Module, Incident Type, Page 108	The warning error message for dollar losses needed clarification to reduce user confusion about the values entered when the loss can't be estimated.	Added new Relational Edit 184: If Incident Type = 1xx (fire) and either or both of the fields Contents Loss and Property Loss is/are not entered then the system shall generate the following warning message: "Estimated dollar losses are required for all fires. If there was no loss or no pre-incident value, check or mark the appropriate None boxes. If loss cannot be estimated, do not enter a loss value and no further action is required." This warning will only be generated for incidents with an alarm date on or after 1/1/2012.
340	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Basic Module, Property Use, Page 168.	A new Property Use code for control tower was needed.	Added a new Property Use code '632 Flight control tower' on the Basic Module
341	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Fire Module, Mobile Property Make, Page 184.	A spelling error was corrected.	In the Fire Module, Mobile Property section, mobile property make list, "Kubuta" is misspelled. The correct spelling is "Kubota".
342	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Fire Module, Fire Suppression Factors, Page 181.	A new code for Solar Panels was needed under Fire Suppression Factors	Fire Module: Add a new code to Suppression Factors: '115 Solar panels'
343	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Fire Module, Equipment Involved in Ignition, Page 179.	Changed the long descriptor in the CRG and the short descriptor in the Data Dictionary to help prevent user confusion.	Modified the Equipment Involved in Ignition code 646 descriptor in the Data Dictionary to "Range, stove with/without oven or cooking surface" and in the CRG to "Range or kitchen stove with or without oven or cooking surface. Includes counter-mounted stoves."

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344	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Arson Module, Suspected Motivation Factors, Page 254.	A new code was needed under Suspected Motivation Factors.	Added a new code of '16 Foreclosed property' to Suspected Motivation Factors on the Arson Module.
345	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Basic Module, Incident Type, Page 164.	A new Incident Type code was needed for dust explosion incidents	Added new Incident Type code: "244 Dust explosion (no fire)" on the Basic Module
346	08/15/11	SPEC-TABLE.XLS, Design Documentation, CRG	Design Documentation, Data Dictionary, Basic Module, Incident Type, Page 164.	An "other" Incident Type category code was needed for EMS incidents. The existing code was previously only used for 4.1 to 5.0 data conversions. This change modifies the current 320 code from 'conversion only' to a regular data entry code beginning 1/1/2012.	Modified Incident Type data entry code: "320 Emergency Medical Service, other" on the Basic Module. This code is no longer a "Conversion Only" code and may now be used for normal data entry.
347	08/15/11	CRG, Paper Forms	Basic Module, pages 3-3, 3-61, Appendix A.	The instruction in Block L on the paper form and example form needed to be corrected for Special Outside Fires.	Changed the incident range in the Block L instruction from '161-163' to '161-164' on the paper form and example form section.
348	08/15/11	CRG	Fire Module, pages 4-19.	The Heat Source code in the CRG example for Item First Ignited was incorrect.	The CRG example and example form block graphic for Item First Ignited used an incorrect Heat Source code for "Fireplace flame, convection". The code was changed from "81" to "11" in the example.
349	08/15/11	CRG, Paper Forms	Structure Fire Module, pages 5-2, 5-5, Appendix A.	The CRG Structure Fire forms and example form block needed to be updated to reflect the change to Building Status code 2.	The blocks for Building Status on the CRG Structure Fire forms and the example form graphic were updated to reflect the change to code 2 "In normal use".