

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 2008.1 cycle of the Design Specification effective January 1, 2008.					
293	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Incident Module Rules, Rule #7, Page 108. Relational Edits, RE #10, Page 99.	Incident Type 100 was being widely used to bypass the fire module inappropriately.	Modified Incident Module Rule #7 and Relational Edit #10 to reflect that the Fire Module is now required for Incident Type 100.
294	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Basic Module, Data Dictionary, Actions Taken, Page 166.	Some departments were using incident type 100 to record fires that were out on arrival because there was no action taken code to identify action taken at these incidents.	Added new Action Taken code 87 (Investigate fire out on arrival).
295	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, System, All NFIRS age fields, Relational Edits, new RE #174, Page 107.	Negative age values were appearing in the NFIRS age fields.	Added new system relational edit #174 to prevent entry of negative numbers in system age fields: If any Age field value in any module < 0, a critical error is generated.
296	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Flat File Transfer Format, EMS Module, Field 23, Pre or Post Arrival Arrest, Page 150	Pre or Post Arrival Arrest showed Max or Expected length 1 or 2 MC. It should not have been listed as Multiple Choice (MC) there. It's not a multiple choice field.	Deleted the reference to Multiple Choice (MC) in the Flat File Transfer Format for the EMS Pre or Post Arrival Arrest field.
297	09/04/07	CRG	CRG, Basic Module, Arrival Time, Page 3-32.	Page 3-32 of the CRG stated that Arrival time should be the same as last unit cleared time. The edit specifications state that Arrival Time is required when incident type is not equal to 611. The two statements conflicted for cancelled en-route incidents.	Corrected page 3-32 of the CRG to mention that Arrival Time entry is not required for incident type 611 (cancelled en-route) incidents.
298	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Data Dictionary, Basic Module, Name Suffix, Page 169.	There was a request for Name Suffix: to add V - Fifth.	Added V (the fifth) code to Name Suffix.

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299	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Relational Edits 142 and 145, Apparatus/Personnel Module, Arrival Time, Page 105.	Two existing relational edits needed clarification. A fire department may have two apparatus called out and one is cancelled en-route before the other apparatus arrived at the scene. If the report reflects the true times for each piece of apparatus, the cancelled en-route apparatus should not cause an error if the incident arrival time in the basic module reflects the arrival time of the truck that went to the scene and this is after the time recorded by the cancelled en-route vehicle.	Changed RE #142 and RE #145 to make an exception when the primary apparatus action taken is "cancelled en-route".
300	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Data Dictionary, Fire Module, Type of Material First Ignited, Page 174.	"Ethanol" needed to be added to the Fire Module - Type of Material First Ignited codes.	Added new Type of Material First Ignited code: 28 Ethanol
301	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Data Dictionary, Fire Module, Cause of Ignition, Page 176.	Cause of Ignition code 0 (Cause, other) is used only for exposure incidents or 4.1 conversion. This code has been selectable by the user for base incidents, but it should not be selectable. Cause of Ignition "other" should not be included in Software Pick lists as a valid entry.	Removed Cause of Ignition code 0 from the CRG code list and modified the design documentation code descriptor to indicate that the code is system generated and should never be allowed for data entry by NFIRS users.

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302	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Basic Module, Arrival Time Year, Relational Edits, new RE #175, page 107.	Incidents with Incident Type='112' (fires in structure other than a building) entered were having the structure type on the Structure Fire Module entered as code 1 or 2 (buildings). A new relational edit was needed to prevent this.	Added new relational edit 175: If Incident Type = 112, the Structure Type field entry on the Structure Fire module cannot be a 1 or a 2.
303	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Flat File Transfer Format, Vendor ID, Software ID, Page 130	Clarification was needed for the Vendor ID and Software ID in the flat file transaction section of the Design Documentation to state there that the alphas have to be uppercase.	Modified the description of the Vendor ID and Software ID in the flat file transaction section to state that they need to be upper case values.
304	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Basic Module, Property Use, Relational Edits, new RE #176, page 107.	Property use for dormitories relies on Mixed Use to distinguish the type of dormitory but Mixed use was not required and was not being entered.	Added new Relational Edit 176: If Property Use = 464 then the Mixed Use Property field is required
305	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Basic Module, Arrival Time Year, Relational Edits, Relational Edit #140, page 107.	Relational Edit #140 needed clarification.	Clarified Relational Edit 140 to: If Distance From Right of Way is entered, then Type of Right of Way is required.
306	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, HazMat Module, Data Dictionary, Factors Contributing to Release, Page 238.	Reports were received that anhydrous tanks valves have been left on because of burglaries for meth labs. A code was needed in release factors to cover this type of situation.	Added new HazMat module Factors Contributing to Release code 49 Criminal Activity.

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307	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Structure Fire Module, Data Dictionary, Building Status, Page 185.	Clarification (CRG and data dictionary) was needed for building status for customarily occupied buildings with no one present at the time of the fire.	Changed the descriptor for code 2 from "Occupied and operating" to "In normal use". The full CRG descriptor was changed to: In normal use. Includes properties that are closed or unoccupied for a brief period of time, such as a business closed for the weekend or a house with no one at home."
308	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Fire Module, Data Dictionary, Area of Fire Origin, Page 173.	Needed to reword area of origin code 23 to begin with dining room to make the most common choice the most prominently shown.	Reworded Area of Origin Code 23 to: Dining room, cafeteria, bar area, beverage service
309	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Fire Module, Data Dictionary, Mobile Property Type, Page 183.	Needed to reword mobile property type 22 to begin with pickup truck to make the most common choice the most prominently shown.	Reworded Mobile Property Type 22 to: Pickup truck, hauling rig (non-motorized)
310	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Fire Module, Data Dictionary, Equipment Involved in Ignition, Page 180.	Novelty lighters have become a significant fire issue nationally in recent years. A new code was needed to track this equipment in NFIRS.	Added new code 877 Novelty lighter
311	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Basic Module, Arrival Time, Relational Edits, new RE #177, page 107.	A new edit rule was needed to help prevent common mistakes in entering Alarm and Arrival times.	Added new Relational Edit 177: If Arrival Time is 20 minutes or more after the Alarm Time, generate a general warning level error.

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312	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Fire Module, Number of Buildings Involved, Page 73, Structure Fire Module, Fire Spread, Page 77.	In The Spec-Table.xls and Design Documentation, Edit Requirements sheet, Number of Buildings Involved field and the Fire Spread field: Relational Edit #70 was still being referenced although Relational Edit # 70 was removed in 2002. The Design Doc had the same references.	Corrected the Number of Buildings Involved field and Fire Spread field entries in the Edit Requirements to remove the references to Relational Edit #70.
313	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, EMS Module, Provider Impression, Page 83	Design documentation and Spec-Table.xls Edit Requirement sheet: The Provider Impression edit requirement was still referencing Relational Edits 129, 130, 131 which were removed in a previous spec change cycle.	Corrected the Provider Impression field in the Edit Requirements to remove the references to Relational Edits 129, 130 and 131.
314	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Fire Module, Checkbox for Fire Confined to Object of Origin, Page 74	Clarification was needed for the Checkbox for Fire Confined to Object of Origin in the Edit Requirements field entry.	Added to the Notes for the Checkbox for Fire Confined to Object of Origin: If left blank, then Structure Fire Module J2 Fire Spread Codes 2, 3, 4 are available for the J2 field.
315	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, EMS Module, Time Arrived at Patient, Relational Edits, RE #119, page 104.	The Time Arrived at Patient on EMS module may be earlier than the Basic Module Arrival Date and Time if non-department care is provided.	Removed Relational Edit #119
316	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Fire Module, Year (mobile property), Page 76	A better edit was needed on the high end for a valid Mobile Property Year. A more restrictive range (system edit) was needed to catch typos.	Added an edit check for Mobile Property Year in the Edit Requirements: Upper entry range is limited to the current year + 1

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317	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Apparatus and Personnel Modules, ID of Apparatus or Resource, Pages 93 and 94	Spec-Table.xls sheet for Edit Requirements and the Design Documentation shows the ID of Apparatus or Resource field as required for Apparatus/Personnel Modules. ID of Apparatus or Resource is not a required field.	Deleted the references to ID of Apparatus or Resource being required in the Edit Requirements.
318	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Incident Flat file Transaction Format, Record Type 1000, Version, Field #9, page 136.	NFIRS Version format field is specified in the documentation as a 2.2 float but the system only allows 1.1 format. When Change # 280 was implemented in 2006, the documentation should have been updated to reflect the field spec.	Changed Version to size 1.1
319	09/04/07	SPEC-TABLE.XLS, Design Documentation, CRG.	Design Documentation, Basic Module, Property Loss, Relational Edits, RE #160, page 106.	Modify Relational Edit 160: warning for Property Loss over 2 million	Changed Relational Edit #160 from \$500,000 to \$2,000,000
320	09/04/07	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Wildland Module, Total Acres Burned, Incident Flat file Transaction Format, Record Type 1300, Field #35, Page 146, Edit Requirements, Page 91	Wildland Module Acres Burned field was a float format, with a 9.1 max length. Users requested a change to size 9.2 in order to capture data with more precision to less than a 1/10th of an acre.	Changed field size from 9.1 to 9.2

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321	09/04/07	Change Log notation.	Design Documentation, Data Dictionary, Fire Service Casualty Module, Protective Equipment Problem, Page 195.	"NN" is not a valid code in the Fire Service Casualty Module's Protective Equipment Problem field. Code NN in the Data Dictionary was removed in from the Data Dictionary, Design Docs and CRG in the 2004 cycle but was not documented in the change log until now due to an oversight.	This change was made in the CRG and Design Documentation in the 2004 cycle but was not documented in this log.