

## NFIRS 5.0 Design Documentation Changes

Change Number	Change Date	Documents Affected	Location In Design Document	Description of Problem	Correction Description
<b>The following changes will be applied in the 2005.1 cycle of the Design Specification effective January 1, 2005.</b>					
262	09/08/04	SPEC-TABLE.XLS, Design Documentation.	System Field Security Levels, Wildland Module, Township, page 121, Edit Requirements, Wildland Module, Township, page 89.	DOCUMENTATION CORRECTION:: For previous change #252, the change log incorrectly stated that the Township field size in the System Field Security Levels was changed from 4 to 3. Instead, it should have changed from size 3 type X to 3.1 type F in that section and in the Edit Requirements to match the Flat File Transfer Format	Changed the Township field size from <b>size 3 to 3.1</b> in the Field Security section and the Edit Requirements.
263	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Incident Flat File Transfer Format: Name Prefix (Record Types 1050, 1055) and Name Suffix, (Record Types 1050, 1055, 1400, 1500, 2010). Also: Suffix and Prefix field Edit Requirements and Field Security Levels for Basic, Civilian Fire Casualty, Fire Service Casualty, Personnel modules.	DOCUMENTATION CORRECTION:: For previous change #257, in the Spec-Tables spreadsheets and in the Design Documentation, changes were made to the 'Incident Persons Involved' transaction but not to the other transactions involved. In addition, these changes were also not made in the Edits Requirements sections and Field Security Levels sections as they should have been for consistency. <b>All 'Name Prefix' and 'Name Suffix' fields in NFIRS are coded fields with a length of 3.</b>	Made <b>Name Prefix and Suffix fields a type of "C" (coded) with a length of 3 in all instances in the file layouts, edits and security levels:</b> The Name Prefix field exists in the Basic Incident Person/Entity Involved (1050) and Basic Incident Owner transactions (1055). The Name Suffix field exists in these transactions:  Basic Incident Person/Entity Involved (1050) Basic Incident Owner (1055) Civilian Fire Casualty (1400) Fire Service Casualty (1500) FD Information Personnel transactions (2010)

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264	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, System Field Security Levels, Basic Module, Special Studies, page 109. Edit Requirements, Basic Module, page 68.	DOCUMENTATION CORRECTION: The Special Study Sequence Number, Special Study ID and the Special Study Code fields were not shown correctly in the System Field Security and the Edit Requirement sections. This has been changed to be consistent with the Incident Flat File Transfer section.	Added Separate Special Study Sequence Number, Special Study ID, and Special Study Code fields to the System Field Security and Edit Requirement sections with appropriate data types for consistency with the other sections of the design documentation.
265	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, System Field Security Levels, Basic Module, Number/Milepost, page 108.	DOCUMENTATION CORRECTION: The "Number/Milepost" field was incorrectly listed as type "N" in the System Field Security levels section. It should have been type "X" instead.	For consistency, changed the field type for Number/Milepost in the System Field Security levels section to type "X".
266	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, System Field Security Levels, Personnel Module, Rank page 124. Edit Requirements, Personnel module, Rank, page 94.	DOCUMENTATION CORRECTION: The Rank field was incorrectly listed as type a length of 6 in the Edit Requirements and the System Field Security levels sections for the Personnel module. It should have been a length on 10 instead of 6 to be consistent with change #245.	Changed the length of the Rank field from 6 to 10 in the Edit Requirements and the System Field Security levels sections for the Personnel module.

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267	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Data Dictionary, page 158.	DOCUMENTATION CLARIFICATION: A section was needed in the introduction to the Data Dictionary stating that the hierarchical code placeholders are not valid codes and should never be allowed for data entry.	Added intro section to the Data Dictionary explaining the use of hierarchical placeholder codes.
268	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Fire Module, Human Factors, Factors Contributing to Ignition, page 74.	Entry of values for the Human Factors Contributing to Ignition and the Factors Contributing to Ignition fields on the Fire Module were previously not required. These fields were not being completed which creates problems in determining fire causes. The fields are now required entries.	Changed the Human Factors section and the first Factor Contributing to Ignition field be required entries. For Human Factors, at least one entry (including "None") is required.
269	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Edit Requirements, Fire Service Casualty Module, Severity, page 81.	Entry of values for the "Severity" field on the Fire Service Casualty Module were previously not required. This field was not being completed which prevented counting of fire service injuries and deaths. The field is now required.	Changed the "Severity" field edit to make it a required entry instead of an optional one.

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270	09/08/04	SPEC-TABLE.XLS, Design Documentation, Paper Forms, CRG, QRG.	Design Documentation, Data Dictionary, Basic Module, Incident Address, <b>Location Type</b> , page 159, Relational Edits, <b>new RE #170</b> , page 106, Edit Requirements, Flat File Transfer Format (Record Type 1010, Element 19), Field Security Levels, Basic Module, <b>Cross Street or Directions</b> , pages 66, 137 and 108 respectively.	A new address Location Type code for the US National Grid has been added for the Incident Address. A new Relational Edit was needed for the entry of the National Grid coordinates to ensure it is entered in the Cross Street/Directions field when the "US National Grid" Location Type is selected.	<p><b>Added Location Type code 7 (US National Grid)</b> to the data dictionary and new <b>Relational Edit #170</b>. Changed the name of the "Cross Street or Directions" field to <b>"Cross Street, Directions or National Grid"</b>.</p> <p><b>The United States National Grid - North American Datum 1983 (USNG-NAD83) with 1 meter precision is a 15 character field: 18SUJ0040196428</b></p> <p>A 10 meter precision is all that is required for NFIRS, so the entry may be shortened by 2, one off the easting and one off of the northing: 18SUJ00409642</p> <p>Optionally, data entry screens may separate the zone, 100k grid, and the easting/northing to make it perhaps easier on those unfamiliar with the format: 18S UJ 0040 9642</p>
271	09/08/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Data Dictionary, Basic Module, Incident Address, State, page 159.	Added a state code of "NA" for "Native American" tribes data collection.	Added a state code of "NA" for "Native American" tribes data collection.

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272	09/09/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Incident Modules Rules, Rule #3, page 107.	Incident Module Rule #3 only applies if "Their FDID" and "Their Incident #" are entered on the basic module. In that case, the Aid Given code 5 condition will not apply since there is no aid receiving department. Thus, code 5 does not belong in the rule.	Removed the Aid Given code 5 condition from Incident Module Rule #3.
273	09/08/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Data Dictionary, Fire Service Casualty Module, Injury Relationship to Structure, page 193.	The codes for the J2 block field "Injury Relationship to Structure" were missing from the Data Dictionary.	Added the codes for the J2 block field "Injury Relationship to Structure" to the Data Dictionary.
274	09/08/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Data Dictionary, Fire Service Casualty Module, Usual Assignment, page 193, Taken To, page 189.	The Fire Service Casualty "Usual Assignment" and "Taken To" fields were missing "U" (Undetermined) "conversion only codes that should have been listed in the data dictionary. <b>NOTE: "Conversion Only" codes are used only by data analysts. They are created by the 4.1 to 5.0 conversion program and are never valid for data entry.</b>	Added missing "U" (Undetermined) "Conversion Only" codes for the "Usual Assignment" and "Taken To" fields to the Data Dictionary.
275	09/08/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Data Dictionary, Fire Module, On-Site Materials, page 171.	The Fire Module "On-Site Materials" field code listing in the Data Dictionary was missing "Conversion Only" code 800. <b>NOTE: "Conversion Only" codes are used only by data analysts. They are created by the 4.1 to 5.0 conversion program and are never valid for data entry.</b>	Added the missing code 800 "Conversion Only" code to the Data Dictionary codes for "On-Site Materials".

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276	09/08/04	SPEC-TABLE.XLS, Design Documentation.	Design Documentation, Data Dictionary, Basic Module, Property Use, page 167.	The Basic Module "Property Use" field code listing in the Data Dictionary was missing "Conversion Only" code 250. <b>NOTE: "Conversion Only" codes are used only by data analysts. They are created by the 4.1 to 5.0 conversion program and are never valid for data entry.</b>	Added the missing code 250 "Conversion Only" code to the Data Dictionary codes for "Property Use".
277	09/08/04	NFIRS 5.0 Complete Reference Guide (CRG)	CRG: Chapter 4, page 4-3.	The description for when to complete the Wildland fire module did not include outside rubbish fires. In addition there was a redundancy in the listed incident types that was removed.	Modified the affected CRG section to say: This module should be completed for Incident Types 111, 112, 120-143, and 160-173, <del>and 170-173</del> found in Section C of the Basic Module. The optional Wildland Fire Module may be used instead of the Fire Module for Incident Types 140-143, 160, 170-173, 631, and 632. Users may also optionally complete the Fire Module for confined fires (Incident Types 113-118) <a href="#">and for outside rubbish fires (Incident Types 150-155)</a> , although it is not required.

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278	09/08/04	BASIC FIRE STRUCTURE.XLS, FIREFIGHTER CASUALTY MODULE.XLS.	NFIRS 4.1 to 5.0 Conversion Tables, Basic Fire Structure: Table 3-43, Property Use, Table 3-50 Equipment Involved in Ignition, Table 3-45 On-Site Materials, Table 3-48 Mobile Property Type, Firefighter Casualty: Table 3-72 Primary part of Body Injured, Table 3-73 Patient Taken To.	CONVERSION CODE CORRECTIONS: 24 corrections to values in the 4.1 to 5.0 Conversion Tables needed correction: Property Use (7 corrections), Equipment Involved in Ignition (1 correction), On-Site Materials (10 corrections), Mobile Property Type (3 corrections), Primary part of Body Injured (2 corrections), Patient Taken To (1 correction).	Made 19 corrections to "Convert to" values in the conversion tables. See the BASIC FIRE STRUCTURE.XLS and FIREFIGHTER CASUALTY MODULE.XLS Excel spreadsheets for details. <b>NOTE: Please remember that vendor converted NFIRS 4.1 data should NEVER be sent to the state reporting authority or to USFA.</b>
279	09/08/04	SPEC-TABLE.XLS, Design Documentation	Design Documentation, Data Dictionary, Fire Service Casualty Module, Severity, page 189.	The Fire Service Casualty "Severity" field was missing the "U" (Undetermined) "conversion only" code that should have been listed in the data dictionary. <b>NOTE: "Conversion Only" codes are used only by data analysts. They are created by the 4.1 to 5.0 conversion program and are never valid for data entry.</b>	Added the missing "U" (Undetermined) "Conversion Only" code to the "Severity" field in the Data Dictionary.