

NFIP IT Services: The Next Generation of NFIP Technology

Meeting 12 | October 21, 2008 | 9:30-11:30 AM EST | 1.800.320.4330 (762504#)
Embassy Suites, Crystal City, VA

NFIP IT Services

Agenda

NFIP IT Services

Change Management

Transition

SOR Schedule

May 2009 Changes – Program (IT) Only



FEMA

FEMA NFIP IT Services (aka NextGen)

- Manage and process NFIP Bureau Information Technology (IT) **data** with accuracy while supporting insurance and mitigation needs
- Continue to modernize the government's NFIP systems, business activities and processes with **current and industry-proven technologies**
- Offer secure and **flexible** business options to NFIP Stakeholders
- Providing FEMA the means to effectively monitor, oversee and lead the NFIP while supporting insurance and mitigation efforts

NFIP IT Services is here to support all NFIP Stakeholders needs!

NFIP IT Services Change Management

- NFIP Stakeholders Communication
 - Weekly Calls with WYO Companies/Vendors
 - Weekly Calls with CIS, Marketing and Other Contractors
 - Training for FEMA, States, CRS and Other Contractors
- Principles
 - Processes Don't Change as Fast as Technology
 - Gather the Facts
 - Ask Questions
 - Change is Hard, Just Try It
- “If you want to make enemies, try to change something.” - Woodrow Wilson

NFIP IT Services Transition

- Goal is to transition current IT Bureau operations to the NFIP IT Services environment.

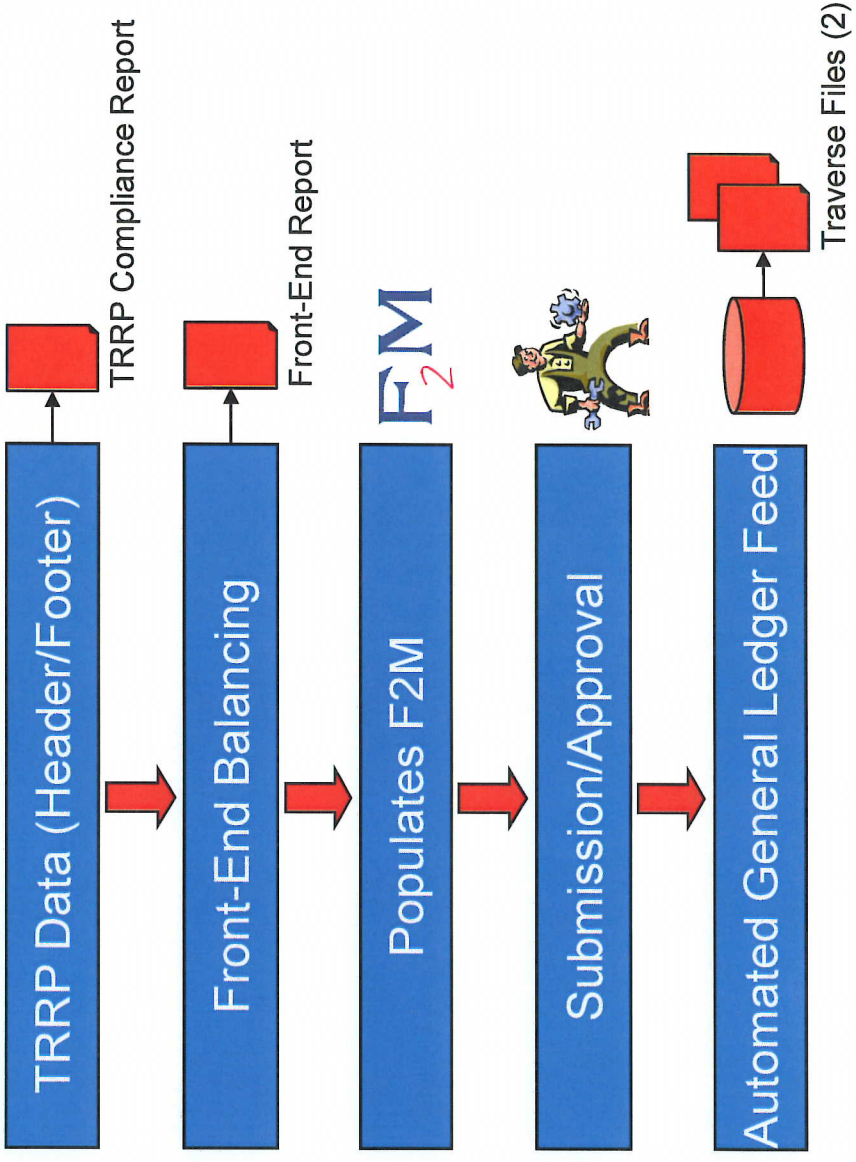
Legacy IT Environment	New IT Environment
TRRP Cycle	Daily TRRP Cycle
Mainframe/LAN Data	Oracle Data Warehouse
SFR Expert System	FREE (Java Application)
Isabel Reinspection	ezClaims Reinspection (Java Application)
Certified Adjuster System	ezClaims Adjuster Admin (Java Application)
GIS System	GIS (Same)
Financials (Manual Email)	F2M (Java Application)
General Ledger Traverse	General Ledger Traverse (Same)
Monroe	Inspection (Java Application)
BureauNet/Data Exchange	SQANet (SAP/Java Application)
RL Maintenance	AW501&RL Maintenance (Java Application)
Nfipstat.com	www.NFIPBureau.FEMA.gov

New IT Environment Status

New IT Environment	Status
Daily TRRP Cycle	Operational*
Oracle Data Warehouse	Operational*
FREE (Java Application)	In Production
ezClaims Reinspection (Java Application)	In Production
ezClaims Adjuster Admin (Java Application)	In Production
GIS (Same)	Transition, Physical IT Move
F2M (Java Application)	Operational*
General Ledger Traverse (Same)	Transition, Physical IT Move
Inspection (Java Application)	In Production
SQANet (SAP/Java Application)	Operational*
AW501&RL Maintenance (Java Application)	Operational*
www.NFIPBureau.FEMA.gov	In Production

*Components must be “In Production” at the same time.

Financial Management Lifecycle



Financial Management is truly integrated within the financial management lifecycle.

NFIP IT Services Status - Applications

- Production Applications
 - FREE (41,941 Transactions/484 Users)
 - ezClaims Adjuster Admin (6,753 Adjusters)
 - ezClaims Adjuster PDA (1,926 Transactions Since 7/1/2008)
 - ezClaims Adjuster Console
 - ezClaims Reinspections (306 Random; 493 Total)
 - ezClaims Disaster Info (52 FICO Entries)
 - Location Validation
 - Web Portal – www.nfipbureau.fema.gov
 - Admin Console
- Operational Applications
 - SQANet (717 users)
 - TRRP Cycle (monthly cycle and testing daily with WYO Co.)

NFIP IT Services Applications have been very successful!

NFIP IT Services Status – Program Support

- Service Desk – Fully Operational
- WYO Co/Vendor IT Transition Support
 - Weekly IT Calls (June 23, 2008-Feb 2009)
 - Monthly Access Control Sheets
 - FREE, ezClaims and SQANet Training
 - EDG/IT Stakeholder Group
- Program Requirements/Changes
 - May 2009 TRRP Plan Revision
 - May 2009 Edit Spec Changes
- NFIP Support
 - Web Info, Reports, Training, Awareness, etc.
 - Independent Adjuster Training

NFIP IT Services has already transitioned the Program Support!

Program Support Objectives

- Support FEMA Underwriting/Actuarial Data Reporting
- Support FEMA Rate Changes
- Improve Address Matching for Loss History, Grandfathering, 1316, Federally Leased, and Repetitive Loss Properties
- Resolve Address Reporting Issues for Rural Areas (e.g, grid and highway addresses)
- Improve Address Reporting Differences for Addresses in Puerto Rico (i.e., subdivisions and address layout differences)
- Lower the Use of Descriptive Address Indicator
- Improve Descriptive Address Reporting
- Update Program Requirements for WYO Co/Vendors

May 2009 Program Support

- TRRP Plan (Revision – new version)
 - 18 New Proposed Data Elements (Section 4)
 - 2 Proposed Retired Data Elements (Appendix D)
 - TRRP Monitoring Update (Part 9)
 - Fully Defined Reports/Files (Appendix C)
- Edit Spec Changes
 - Address Edit Modifications
 - New Data Edit Revisions

Production Month – November

- Very Tight Schedule (Same as April)
- TRRP Cycle, Reports and Files
 - November 3 – 12: ETL Data from Mainframe
 - November 13-28: Populate Data Warehouse
 - November 21 - Receive WYO Company October TRRP Data
 - November 29-December 3: Run TRRP Cycle
 - December 1-3: Java Applications Tag Production Records
 - December 4: Refresh Materialized Views & Scheduling FTP Reports/Files
 - December 5-15: FTP Reports/Files QC
 - December 15: Post October TRRP Reports

NextGen Java Applications will have a blackout period (~5 days).

System of Record Status

Daily TRRP – January 20, 2009

- January 9: December 2008 TRRP Data Due
- January 1-16: First Two Weeks of January Due
- January 20: First Daily TRRP Cycle Due
- January 21: December 2008 Financials Due

All Files To and From NFIP IT Services are ONLY Encrypted Starting January 1, 2009!

TRRP Cycle 1.0 Progress

- Developed TRRP Cycle 1.0
 - Complex Application
 - Automated Transmittal File via Header/Footer
 - Automated Front-End Reconciliation
 - Parallel Program Late 2007 and Early 2008
- Challenges
 - Encryptions – RESOLVED
 - Header, Reconciliation and Footer – RESOLVED
 - Naming Conventions – RESOLVED
 - Reject Control Numbers Generated in April by Legacy System Used in New System - RESOLVED
 - Unknown Errors to Run Through Fix-its – In Progress
 - Logic Discrepancies – Most Resolved
 - FTP Reports and Files – Most Resolved

IT JWG: Improve TRRP reporting cycles and response time to WYO companies. Goal is to increase data integrity, timeliness and accuracy of the data.

TRRP Logic Discrepancies

- Risk Rating Method (PL041080) – Resolved
- Cancellation Correction(PL061050) - Resolved
- Federal Policy Fee (PL140030) - Resolved
- Map Panel Number (PL018040)- Resolved
- CRS Error (PL139040) – Resolved
- CRS Discounts/Flood Zones Errors
 - Community Data Download – timing issues
- PRP, CBRA, Etc. Errors (e.g., PL021065/PL021080/PL011170)
 - Missing LAN Data
- Claims Payment
 - Logic Bug
- Inspection Errors
 - Missing LAN Data

Goal is to increase data integrity, timeliness and accuracy of the data.

FTP File/Reports Discrepancies

- Community File: Data Timing, File Scheduler, Layout Carriage Return – RESOLVED
- PRP Flood Reports/Files: GIS System Availability
- Growth Reports: Missing LAN Data
- Additional Data Reports: Logic Bug – RESOLVED/In Review
- RL File: Revision of SRL Logic File (RL Fine) - In QC

May 2009 - New Proposed Data Elements

- Federally Leased Property Indicator
- Building Over Water Type
- Property Building Use Type
- Property Subdivision
- Property Street Number
- Property Street Prefix
- Property Street Name
- Property Street Type
- Property Street Postfix
- Property Unit Type
- Property Unit
- Descriptive Property Information
- Mailing Subdivision
- Mailing Country Code
- Grandfathering Indicator
- Grandfathering Current Map Flood Zone
- Grandfathering Current Map BFE
- Building Addition and Extensions
- Condominium Ownership Form Indicator
- Finished Garage

These are proposed only and under FEMA review.

Additions Included Indicator

- **DATA ELEMENT:** Additions Included Indicator
- **ALIAS:** None
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Buildings, Actuarial
- **DESCRIPTION:** This indicates whether the insured structure has additions or extensions, which is used to determine the Lowest Floor for rating purposes.
- **EDIT CRITERIA:** Alpha; Acceptable Values:
 - Y - Yes
 - N - No
- **LENGTH:** 1
- **DEPENDENCIES:**
 - Information is obtained from the Flood Insurance application and the Elevation Certificate.
- **BUSINESS FUNCTION:** Rating. Used in computing the elevation of the lowest floor.
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Building Over Water Type

- **DATA ELEMENT:** Building Over Water Type
- **ALIAS:** Building Over Water Code
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Policy Items
- **DESCRIPTION:** This is the indicator that determines if the building insured is not over water, partially over water or fully/entirely over water. This is required for policies on elevated buildings (Elevated Building Indicator is 'Y').
- **EDIT CRITERIA:** Number; Acceptable Values:
 - 1 - Not Over Water
 - 2 - Partially Over Water
 - 3 - Fully/Entirely Over Water
- **LENGTH:** 1
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
 - Elevated Building Indicator is 'Y.'
- **BUSINESS FUNCTION:** Underwriting
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Condominium Ownership Form Indicator

- **DATA ELEMENT:** Condominium Ownership Form Indicator
- **ALIAS:** None
- **ACRONYM:** CONDO Ownership
- **NFIP DATA WAREHOUSE TABLE:** Policy Items, Actuarial
- **DESCRIPTION:** This indicates if the insured property is owned as a condominium or cooperative.
- **EDIT CRITERIA:** Alpha; Acceptable Values:
 - Y - Yes
 - N - No
- **LENGTH:** 1
- **DEPENDENCIES:**
 - Information is obtained from the Flood Insurance application.
 - Required if the Condominium Indicator is 'U', 'A', 'L' or 'H.'
- **BUSINESS FUNCTION:** Coverage.
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Descriptive Property Information

- **DATA ELEMENT:** Descriptive Property Information
- **ALIAS:** Descriptive Address
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The descriptive address of the insured's property address. This is required if the insured's property address can't be validated by the USPS Postal Database.
- **EDIT CRITERIA:** Alphanumeric, Including Special Characters
- **LENGTH:** 100
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
 - Name or Descriptive Information Indicator is 'D.'
- **BUSINESS FUNCTION:** Address
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Federally Leased Property

- **DATA ELEMENT: Federally Leased Property**
- **Alias:** Federal Leased Property Code
- **ACRONYM:** FIRA Section 106 Properties
- **NFIP DATA WAREHOUSE TABLE:** Policy Items
- **DESCRIPTION:** Section 106 of the Flood Insurance Reform Act (FIRA) of 2004 requires Federal Leased Properties that are riverward of levees and seaward of sea walls to be actuarially rated even if the construction date is Pre-FIRM.
- When a property is verified by the NFIP as a Federal Leased Property it is assigned an identification date based on the Address ID in the NFIP Data Warehouse. A Federal Leased Property file will be generated on a monthly basis and disseminated to WYO companies via FTP to facilitate identification of validated Federal Leased Property structures.
- All Federal Leased Property NFIP Verified properties must have a Risk Rating Method of Federal Leased Properties (F) or Tentative (8).
- **EDIT CRITERIA:** Number; Acceptable Values:
 - 1 - Not Federal Leased Property
 - 2 - Federal Leased Property NFIP Verified
 - 4 - Federal Leased Property NFIP Appealed
- **LENGTH:** 1
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Grandfathering – Current Map Flood Zone

- **DATA ELEMENT:** Grandfathering Current Flood Risk Zone
- **ALIAS:** Grandfathering Current Flood Risk Zone, Current Flood Risk Zone, Rate Zone, FIRM Zone, Risk Zone, Zone
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** FREE, Policies, Communities, Actuarial
- **DESCRIPTION:** The current effective FIRM flood zone for the property if the policy has reported a different flood risk zone under the grandfathering rules. For a description of the flood zones, refer to the NFIP Flood Insurance Manual.
- **EDIT CRITERIA:** Alphanumeric, Acceptable Values.
- **LENGTH:** 3
- **DEPENDENCIES:**
 - Information is obtained from the Flood Insurance Application and the Elevation Certificate.
 - Zone must be on map or panel used for rating.
 - Grandfathering Indicator of '2' or '3.'
- **BUSINESS FUNCTION:** Rating Element
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5
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Grandfathering Current Map BFE

- **DATA ELEMENT:** Grandfathering Current Map BFE
- **ALIAS:** Base Flood Elevation, 100 Year Flood Elevation, 1% Chance of Flooding
- **ACRONYM:** BFE
- **NFIP DATA WAREHOUSE TABLE:** Policies, FREE, Actuarial
- **DESCRIPTION:** The current effective Base Flood Elevation (BFE) for the property if the policy has reported a different BFE under the grandfathering rules. BFE is the elevation (or depth in zone AO) at which there is a 1-percent chance per year of flooding as shown on effective FIRM in tenths of feet. Value of 9999.0 indicates the field is not reported and/or used for this policy.
- **EDIT CRITERIA:** Numeric, May be Positive or Negative
- **LENGTH:** 6 with an Implied Decimal of One Position
- **DEPENDENCIES:**
 - Information is obtained from the Flood Insurance application and the Elevation Certificate.
 - Grandfathering Indicator of '2' or '3.'
- **BUSINESS FUNCTION:** Rating. Used in computing the elevation difference between lowest floor and BFE.
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Grandfathering Indicator

- **DATA ELEMENT:** Grandfathering Indicator
- **NFIP DATA WAREHOUSE TABLE:** FREE, Policies
- **DESCRIPTION:** This is the indicator that identifies if the insured has opted to grandfather the flood risk zone. Grandfathering is not available for Risk Rating Method PRP '7.' Policies may be grandfathered because 1) the insured property was built in compliance with the building code in effect as of the map effective date (i.e., Grandfathering Built to Code) or 2) the insured property has had continuous coverage since the map effective date of the map for which they are trying to grandfather (i.e., Grandfathering Loyal Customer).
- Grandfathering is subject to the following verification procedures:
- Grandfathering Built to Code '2' must have supporting documentation (e.g., building permit, etc.) submitted via FREE within 45-days of the TRRP Cycle Transaction.
- Grandfathering Loyal Customer '3' must have continuous coverage for the policyholder and/or building prior to the map effective date for the map containing the flood risk zone that they are trying to grandfather. If there is a gap in coverage the policyholder is only entitled to grandfather the zone on the flood map that was in effect when the continuous coverage began. Appeals with full documentation can be submitted via FREE.
- **EDIT CRITERIA:** Number; Acceptable Values:
 - 1 - No Grandfathering
 - 2 - Grandfathering Built to Code
 - 3 - Grandfathering Loyal Customer
- **LENGTH:** 1

Mailing Country Code

- **DATA ELEMENT:** Mailing Country Code
- **ALIAS:** Country Code
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid Country field of the insured's mailing address. The country must be reported using ISO 3166 two letter country codes. For mailing addresses located within the United States, the country code may be left blank.
 - EXAMPLE 1: COLINAS DE MONTE CARLO, E1 CALLE B, SAN JUAN PR 00924-5819, UNITED STATES (REPORT AS 'US' OR BLANK)
 - EXAMPLE 2: 2701 RIVERSIDE DR., SUITE 813, OTTAWA, ON K1A 0B1, CANADA (REPORT AS 'CA')
 - EXAMPLE 3: 1 OLDLANDS WAY, BOGNOR REGIS PO22 9SA UK
- **EDIT CRITERIA:** Alpha; Acceptable Values:

Mailing Subdivision

- **DATA ELEMENT:** Mailing Subdivision
- **ALIAS:** Mailing Urbanization, Mailing Subdivision
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid US Postal Database subdivision of the insured's mailing address. This is critical for the validation of addresses in Puerto Rico.
 - Example 1: COLINAS DE MONTE CARLO, E1 CALLE B, SAN JUAN PR 00924-5819
 - Example 2: PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026
- **EDIT CRITERIA:** Alphanumeric
- **LENGTH:** 25
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
- **BUSINESS FUNCTION:** Policy, Claims, Address Matching
- **REPORTING REQUIREMENT:** Required

Finished Garage

- **DATA ELEMENT:** Over 20-Foot Finished Garage Wall
- **ALIAS:** Finished Garage
- **ACRONYM:** Finished Area, Habitable Area
- **NFIP DATA WAREHOUSE TABLE:** Policy Items, Actuarial
- **DESCRIPTION:** This indicates if the garage or enclosure meets “finished” requirements. A finished area is an attached garage, basement or other enclosed area having more than 20-linear feet of finished walls (e.g., paneling, etc.).
- **EDIT CRITERIA:** Alpha; Acceptable Values:
 - N - No, Not more than 20-Linear Feet of Finished Wall
 - Y - Yes, More than 20-Linear Feet of Finished Wall
- **LENGTH:** 1
- **DEPENDENCIES:**
 - Basement/Enclosure/Crawlspace/Sub-Grade Crawlspace Type is '1' - Finished.
 - Basement-Type in Policies and Claims tables should be the same.
 - Information is obtained from the Flood Insurance Application.
- **BUSINESS FUNCTION:** Rating Element
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Property Building Use Type

- **DATA ELEMENT:** Property Building Use Type
- **ALIAS:** Building Use Code
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Policy Items
- **DESCRIPTION:** This is the indicator that identifies the use of the building to assist in identifying multiple building policies with one property address.
- **EDIT CRITERIA:** Number; Acceptable Values:
 - Blank/Null
 - 01 - Agricultural Building
 - 02 - Detached Garage
 - 03 - Detached Main House
 - 04 - Detached Guest House
 - 05 - Other
 - 06 - Pool House, Clubhouse, or Other Recreational Building
 - 07 - Tool Shed
 - 08 - Warehouse
- **LENGTH:** 2
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
 - **BUSINESS FUNCTION:** Address Matching, Repetitive Loss
 - **REPORTING REQUIREMENT:** Required

Property Street Name

- **DATA ELEMENT:** Property Street Name
- **ALIAS:** Street, Primary Street Name
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property street name of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN STREET NW, APT 123, WASHINGTON DC 20026
 - Example 2: 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
 - Example 3: 10 CA COUNTY ROAD 555, ORANGE CA 90210
 - Example 4: PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026
 - Example 5: 39.2 RD, WEST CHESTER PA 19382
- Note 1: Grid Style Address contains significant punctuation, such as periods (for example, 39.2 RD, 39.4 RD). When reporting a Grid Style Address, ensure the grid is reported in the 'Street Name' data element (see example 5).
- **EDIT CRITERIA:** Alphanumeric, Including Special Characters (e.g., '.', '/', '-', '#')
- **LENGTH:** 32
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Property Street Number

- **DATA ELEMENT:** Property Street Number
- **ALIAS:** Street Number, House Number
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The street number of the insured's property address. This is required unless a descriptive address is reported. The street number must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN STREET NW, AT 123, WASHINGTON DC 20026
 - Example 2: N6W23001 BLUEMOUND RD, BLOOMINGTON IL 61704
 - Example 3: 1021 1/2 BLUE HERON WAY, BLOOMINGTON IL 61704-6459
 - Example 4: PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026
- Note 1: Hyphenated Address Ranges are prevalent in New York City (for example, 112-10 BRONX RD), Hawaii, and areas in southern California. The hyphen in the primary range should not be removed if matched to the ZIP+4 file.
- Note 2: Alphanumeric Street Numbers are common in Wisconsin and Northern Illinois addresses.
- **EDIT CRITERIA:** Alphanumeric, Including Special Characters (e.g., '/', '-', and '.' to support ½ and Hyphenated Address Ranges)
- **LENGTH:** 10

Property Street Postfix

- **DATA ELEMENT:** Property Street Postfix
- **ALIAS:** Street Post Directional
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property street postfix (post-directional) of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Examples
 - 2000 N MAIN STREET NW, APT 123, WASHINGTON DC 20026
 - 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
 - PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026 (NONE)
 - URB Los Maestros, 8199 CALLE SUR, PONCE PR 00717-0259 (Report 'Sur' as 'S')

Property Street Prefix

- **DATA ELEMENT:** Property Street Prefix
- **ALIAS:** Street Pre-Directional
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property street prefix (pre-directional) of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN STREET NW, APT 123, WASHINGTON DC 20026
 - Example 2: 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
- **EDIT CRITERIA:** Alpha; Acceptable Values.

Property Street Type

- **DATA ELEMENT:** Property Street Type
- **ALIAS:** Street Suffix
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property street type of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN ST NW, APT 123, WASHINGTON DC 20026
 - Example 2: 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
 - Example 3: PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026
- Note 1: Grid Style Address in Salt Lake City that include double directionals (e.g., in 842 E 1700 S: E is a prefix/ predirectional, S is a postfix/postdirectional, and 1700 is located in the street name). There is no street type in this example.
- Note 2: USPS Street Type/Suffix Samples: http://pe.usps.gov/text/pub28/pub28apc_002.htm
- Note 3: In many areas of the country, street names are influenced by Hispanic culture. In these areas, Spanish prefix words such as AVENIDA, CALLE, and CAMINO are frequently used as the first word of the street name and often combined with prepositional phrases such as de, la, de las, and the noun they are describing. For example, AVENIDA DE LA ESTRELLA and CAMINO DE LAS VILLAS are Hispanic words called prefixes because they normally occur at the beginning of the street name, while the English translation would be placed as a 'Street Type' (suffix) in an address. Below is the Spanish, Postal Standardization and English Translation listed below. Either may be submitted, as long as it submitted is in the 'Street Type' data field.

Property Subdivision

- **DATA ELEMENT:** Property Subdivision
- **ALIAS:** Urbanization
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** A property subdivision can be submitted to assist in NFIP address validation. The subdivision must be a valid US Postal Database subdivision. This is critical for the validation of addresses in Puerto Rico.
 - **Example 1:** COLINAS DE MONTE CARLO, E1 CALLE B, SAN JUAN PR 00924-5819
 - **Example 2:** PARC HILL BROTHERS, 99 CALLE 7G, SAN JUAN PR 00924-3026
- **EDIT CRITERIA:** Alphanumeric
- **LENGTH:** 25
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
- **BUSINESS FUNCTION:** Policy, Claims, FIRA Section 106
- **REPORTING REQUIREMENT:** Required
- **LAST UPDATE:** New Data Element as of May 1, 2009 Revision 5

Property Unit

- **DATA ELEMENT:** Property Unit
- **ALIAS:** Secondary Descriptor Number
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property unit of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN STREET NW, APT 123, WASHINGTON DC 20026
 - Example 2: 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
 - Example 3: PARC HILL BROTHERS, 99 CALLE 7G, LOT 5999B, SAN JUAN PR 00924-3026
- **EDIT CRITERIA:** Alphanumeric, Including Special Characters (e.g., '.', '/', '-', '#')
- **LENGTH:** 15
- **DEPENDENCIES:**
 - Information may be obtained from the Flood Insurance Manual.
 - Information is obtained from the Flood Insurance Application.
- **BUSINESS FUNCTION:** Policy, Claims, Repetitive Loss
- **REPORTING REQUIREMENT:** Required

Property Unit Type

- **DATA ELEMENT:** Property Unit Type
- **ALIAS:** Unit, Apartment, Lot, Floor, Secondary Descriptor
- **ACRONYM:** None
- **NFIP DATA WAREHOUSE TABLE:** Addresses
- **DESCRIPTION:** The valid USPS property unit code of the insured's property address. This is required unless a descriptive address is reported. The street prefix must be valid based on the US Postal Database.
 - Example 1: 2000 N MAIN STREET NW, APT 123, WASHINGTON DC 20026
 - Example 2: 3409 SW ERIE BLVD E, STE 200, SYRACUSE NY 13214-1663
 - Example 3: PARC HILL BROTHERS, 99 CALLE 7G, LOT 5555B, SAN JUAN PR 00924-3026
- **EDIT CRITERIA:** Number; Acceptable Values:
 - 01 - Apartment (APT)
 - 02 -Basement (BSMT)
 - 03 - Blank/Null
 - 04 - Building (BLDG)
 - 05 - Camp (CP)
 - 06 - Department (DEPT)
 - 07 - Floor (FL)
 - 08 - Front (FRNT), etc.

New TRRP Layout

- Changes
 - Increased Length
 - Reworked Address 1 & 2
 - Used Filler Fields
- NFIP IT Service Testing
 - Test Bed Available in March 2009

Summary

- Successful IT Project
- Continue with Change Management
- Maintain Communication
- Applications
 - Resolve Issues
 - Add Functionality

We are working with all stakeholders to ensure success!