



## Review of Changes to the Policy for Flood Risk Analysis and Mapping

The Federal Emergency Management Agency (FEMA) maintains guidelines and standards to support the Risk Mapping, Assessment and Planning (Risk MAP) program. These guidelines and standards define the specific implementation of the statutory and regulatory requirements for the National Flood Insurance Program (NFIP). These also outline the performance of Flood Risk Projects, processing of Letters of Map Change (LOMCs), and related Risk MAP activities. More information is available at: [www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping](http://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping).

FEMA has a maintenance plan for the Risk MAP guidelines and standards and issues updates on a semi-annual basis. This notice provides information about the spring semi-annual update, expected to be released in May 2016.

The table below lists proposed updates to existing standards and drafts of new standards. FEMA intends to publish these standards as a part of the 2016 Spring update to the Policy for Flood Risk Analysis and Mapping. These draft standards are being made available for public review to provide an opportunity for comment prior to incorporation into the policy. These changes include routine updates plus several changes to implement elements of the mapping program defined by the Biggert Waters Flood Insurance Reform Act of 2012, as amended by the Homeowner Flood Insurance Affordability Act of 2014, that can be completed without the promulgation of new regulations. For more details on the reasons for the changes, please see the [maintenance announcement](#)<sup>1</sup>.

The proposed changes are listed below with the Standard Identification Number (SID #), key words assigned to the standard, the current version of the standard (if applicable) and the proposed version of the standard.

**This Document is Superseded.  
For Reference Only**

<sup>1</sup> [www.fema.gov/media-library/assets/documents/97048](http://www.fema.gov/media-library/assets/documents/97048)

## Proposed Changes

SID #	Keyword Tags	Primary Keyword	Original Standard	Revised/New Standard																																																																																
17	Discovery	Project Planning	Discovery is a mandatory element of all Flood Risk Projects, and must be conducted on the same scale at which the Flood Risk Project is initiated. All watershed-based Discovery must be initiated at a geographic footprint no larger than the HUC-8 level.	Discovery is a mandatory element of all Flood Risk Projects, and must be conducted on the same scale at which the Flood Risk Project is initiated. All watershed-based Discovery must be initiated at a geographic footprint that encompasses the hydrologic characteristics of the area of interest.																																																																																
43	Elevation Data	Elevation Data	<p>Existing topographic data leveraged by FEMA must have documentation that it meets the following vertical accuracy requirements:</p> <p style="text-align: center;"><b>This Document is Superseded. For Reference Only.</b></p> <p style="text-align: center;"><small>Vertical Accuracy Requirements based on Flood Risk and Terrain Slope within the Floodplain being Mapped</small></p> <table border="1"> <thead> <tr> <th>Level of Flood Risk</th> <th>Typical Slopes</th> <th>Specification Level</th> <th>Vertical Accuracy: 95% Confidence Level FVA/CVA</th> <th>LIDAR Nominal Pulse Spacing (NPS)</th> </tr> </thead> <tbody> <tr> <td>High (Deciles 1,2,3)</td> <td>Flattest</td> <td>Highest</td> <td>24.5 cm / 36.3 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>High (Deciles 1,2,3)</td> <td>Rolling or Hilly</td> <td>High</td> <td>49.0 cm / 72.6 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>High (Deciles 2,3,4,5)</td> <td>Hilly</td> <td>Medium</td> <td>98.0 cm / 145 cm</td> <td>≤ 3.5 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Flattest</td> <td>High</td> <td>49.0 cm / 72.6 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Rolling</td> <td>Medium</td> <td>98.0 cm / 145 cm</td> <td>≤ 3.5 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Hilly</td> <td>Low</td> <td>147 cm / 218 cm</td> <td>≤ 5 meters</td> </tr> <tr> <td>Low (Deciles 7,8,9,10)</td> <td>All</td> <td>Low</td> <td>147 cm / 218 cm</td> <td>≤ 5 meters</td> </tr> </tbody> </table>	Level of Flood Risk	Typical Slopes	Specification Level	Vertical Accuracy: 95% Confidence Level FVA/CVA	LIDAR Nominal Pulse Spacing (NPS)	High (Deciles 1,2,3)	Flattest	Highest	24.5 cm / 36.3 cm	≤ 2 meters	High (Deciles 1,2,3)	Rolling or Hilly	High	49.0 cm / 72.6 cm	≤ 2 meters	High (Deciles 2,3,4,5)	Hilly	Medium	98.0 cm / 145 cm	≤ 3.5 meters	Medium (Deciles 3,4,5,6,7)	Flattest	High	49.0 cm / 72.6 cm	≤ 2 meters	Medium (Deciles 3,4,5,6,7)	Rolling	Medium	98.0 cm / 145 cm	≤ 3.5 meters	Medium (Deciles 3,4,5,6,7)	Hilly	Low	147 cm / 218 cm	≤ 5 meters	Low (Deciles 7,8,9,10)	All	Low	147 cm / 218 cm	≤ 5 meters	<p>All updated flood hazard data shown on the Flood Insurance Rate Map (FIRM), in the FIRM Database and Flood Insurance Study (FIS) must be based on the best available existing topographic data and the data must have documentation that it meets the following vertical accuracy requirements:</p> <p style="text-align: center;"><small>Vertical Accuracy Requirements based on Flood Risk and Terrain Slope within the Floodplain being Mapped</small></p> <table border="1"> <thead> <tr> <th>Level of Flood Risk</th> <th>Typical Slopes</th> <th>Specification Level</th> <th>Vertical Accuracy: 95% Confidence Level (FVA or NVA) / (CVA or VVA)</th> <th>LIDAR Nominal Pulse Spacing (NPS)</th> </tr> </thead> <tbody> <tr> <td>High (Deciles 1,2,3)</td> <td>Flattest</td> <td>Highest</td> <td>24.5 cm / 36.3 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>High (Deciles 1,2,3)</td> <td>Rolling or Hilly</td> <td>High</td> <td>49.0 cm / 72.6 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>High (Deciles 2,3,4,5)</td> <td>Hilly</td> <td>Medium</td> <td>98.0 cm / 145 cm</td> <td>≤ 3.5 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Flattest</td> <td>High</td> <td>49.0 cm / 72.6 cm</td> <td>≤ 2 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Rolling</td> <td>Medium</td> <td>98.0 cm / 145 cm</td> <td>≤ 3.5 meters</td> </tr> <tr> <td>Medium (Deciles 3,4,5,6,7)</td> <td>Hilly</td> <td>Low</td> <td>147 cm / 218 cm</td> <td>≤ 5 meters</td> </tr> <tr> <td>Low (Deciles 7,8,9,10)</td> <td>All</td> <td>Low</td> <td>147 cm / 218 cm</td> <td>≤ 5 meters</td> </tr> </tbody> </table> <p>If data is not available that meets these requirements, new elevation must be obtained.</p>	Level of Flood Risk	Typical Slopes	Specification Level	Vertical Accuracy: 95% Confidence Level (FVA or NVA) / (CVA or VVA)	LIDAR Nominal Pulse Spacing (NPS)	High (Deciles 1,2,3)	Flattest	Highest	24.5 cm / 36.3 cm	≤ 2 meters	High (Deciles 1,2,3)	Rolling or Hilly	High	49.0 cm / 72.6 cm	≤ 2 meters	High (Deciles 2,3,4,5)	Hilly	Medium	98.0 cm / 145 cm	≤ 3.5 meters	Medium (Deciles 3,4,5,6,7)	Flattest	High	49.0 cm / 72.6 cm	≤ 2 meters	Medium (Deciles 3,4,5,6,7)	Rolling	Medium	98.0 cm / 145 cm	≤ 3.5 meters	Medium (Deciles 3,4,5,6,7)	Hilly	Low	147 cm / 218 cm	≤ 5 meters	Low (Deciles 7,8,9,10)	All	Low	147 cm / 218 cm	≤ 5 meters
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57	Hydrology, Hydraulics, Coastal, Riverine, Shallow Flooding, Regression, Gage, Rainfall Runoff, Calibration, Sheet Flow, Ice Jam, 1-D Steady, 1-D Unsteady, 2-D Riverine, 3-D Riverine, Floodway, Closed Basin, Alluvial Fan, Split Flow	Engineering	<p>The regulatory and non-regulatory flood risk products must be based on Hydrologic and Hydraulic (H&amp;H) or coastal analyses using existing ground conditions in the watershed and floodplain. The multiple profile and floodway runs must have the same physical characteristics in common for existing ground conditions.</p> <p>However, a community may choose to include flood hazard information that is based on future conditions on a FIRM (shown as shaded Zone X); in an Flood Insurance Study (FIS) Report; or non-regulatory products in addition to the existing-conditions</p> <p><b>This Document is Superseded.</b></p>	<p>The regulatory products and non-regulatory flood risk products must be based on H&amp;H or coastal analyses using existing ground conditions in the watershed and floodplain. The multiple profile and floodway runs must have the same physical characteristics in common for existing ground conditions.</p> <p>However, a community may choose to include flood hazard information that is based on future conditions on a FIRM (shown as shaded Zone X); in an FIS Report; or non-regulatory flood risk products in addition to the existing-conditions.</p>
180	Data Capture	Data Capture	<p><b>For Reference Only.</b></p> <p>All regulatory and non-regulatory deliverables and relevant supporting data must be submitted in one of the acceptable file format(s) and in the directory structure outlined in the Data Capture Technical Reference.</p> <p>If data are collected that are not specifically mentioned in the Data Capture Technical Reference but are relevant to the project, or data is obtained from existing flood hazard analyses, those data must be submitted, but do not have to follow the file format and directory structure requirements.</p>	<p>All regulatory product deliverables, non-regulatory flood risk product deliverables, and relevant supporting data must be submitted in one of the acceptable file format(s) and in the directory structure outlined in the Data Capture Technical Reference.</p> <p>If data are collected that are not specifically mentioned in the Data Capture Technical Reference but are relevant to the project, or data is obtained from existing flood hazard analyses, those data must be submitted, but do not have to follow the file format and directory structure requirements.</p>

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181	Data Capture, Regulatory Products, Flood Insurance Rate Map (FIRM) Database, FIRM Database Metadata	Data Capture	A metadata file in XML format must be submitted that complies with the Metadata Profiles Technical Reference for each applicable task for regulatory and non-regulatory deliverables or relevant supporting data submittals.	A metadata file in XML format must be submitted that complies with the Metadata Profiles Technical Reference for each applicable task for regulatory product deliverables, non-regulatory flood risk product deliverables, or relevant supporting data submittals.
214	FIS, FIRM, Regulatory Products	Notice-to-User	<p>During the Notice-to-User (NTU) revision process:</p> <ul style="list-style-type: none"> <li>• the FIRM database must be corrected as appropriate</li> <li>• the FIS Report, FIRM, and/or Flood Boundary and Floodway Map (FBFM) must be corrected and indicate on the document the reprinted date;</li> <li>• the corrected components must be distributed to all entities that received the defective product; and</li> <li>• the corrected components must be updated on the Mapping Service Center (MSC) site.</li> </ul>	<p>During the Notice-to-User revision process:</p> <ul style="list-style-type: none"> <li>• the FIS, FIRM panel(s), FIRM database, and NFHL must be corrected as appropriate</li> <li>• the FIS Report, FIRM, FBFM and NTU letter must indicate the appropriate date;</li> <li>• the corrected components must be distributed to the communities affected by the correction; and</li> <li>• the corrected components must be updated on the MSC site.</li> </ul>

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417	Coastal, Changes Since Last FIRM (CSLF), Depth Grids, Areas of Mitigation interest (AoMI), Flood Risk Database (FRD), Flood Risk Report (FRR), Flood Risk Map (FRM), Risk Assessment, Flood Risk Data, Non-Regulatory Products	Non-Regulatory Datasets	<p>The minimum datasets associated with the Flood Risk Project are defined as follows:</p> <table border="1"> <thead> <tr> <th>Non-Regulatory Product/Dataset</th> <th>New Flood Hazard Analysis Conducted</th> <th>No New Flood Hazard Analysis Conducted</th> </tr> </thead> <tbody> <tr> <td><b>Flood Risk Database</b></td> <td>Required</td> <td>Required</td> </tr> <tr> <td rowspan="6"><b>Flood Risk Dataset</b></td> <td>Changes Since Last FIRM (CSLF)</td> <td>Required<sup>1</sup></td> <td>N/A</td> </tr> <tr> <td>Water Surface Elevation Grids</td> <td>Required<sup>2</sup></td> <td>N/A</td> </tr> <tr> <td>Flood Depth Grids</td> <td>Required<sup>2</sup></td> <td>N/A</td> </tr> <tr> <td>Percent Annual Chance &amp; Percent 30-year Chance Grids</td> <td>Required<sup>3</sup></td> <td>N/A</td> </tr> <tr> <td>Flood Risk Assessment</td> <td>Required (AAL<sup>4</sup> and Refined<sup>5</sup>)</td> <td>Required (AAL<sup>4</sup>)</td> </tr> <tr> <td>Areas of Mitigation Interest (AoMI)</td> <td>Required</td> <td>Required</td> </tr> <tr> <td><b>Flood Risk Map</b></td> <td>Required</td> <td>Required</td> </tr> <tr> <td><b>Flood Risk Report</b></td> <td>Required</td> <td>Required</td> </tr> </tbody> </table> <p><sup>1</sup> CSLF is optional in areas where digital modernized floodplain boundaries are not available for the effective FIRM.</p> <p><sup>2</sup> Riverine studies: 10%, 4%, 2%, 1%, "1%+", and 0.2% annual-chance floods; Coastal studies: only the 1% annual chance flood Levee studies: Riverward/Seaward side - same as Riverine or Coastal, Landward side - only the scenario(s) used to delineate SFHA boundary</p> <p><sup>3</sup> Riverine only</p> <p><sup>4</sup> AAL data only from the FEMA 2010 AAL Study; Both riverine and coastal areas will have 10%, 2%, 1%, 0.5%, and 0.2% annual-chance floods, and Annualized;</p> <p><sup>5</sup> Analysis can be conducted at census block or user-defined facility level. Riverine studies: 10%, 4%, 2%, 1%, and 0.2% annual-chance floods, and Annualized; Coastal studies: only the 1% annual chance flood; Levee studies: Riverward/Seaward side - same as Riverine or Coastal, Landward side - only based on the landward depth grid</p>	Non-Regulatory Product/Dataset	New Flood Hazard Analysis Conducted	No New Flood Hazard Analysis Conducted	<b>Flood Risk Database</b>	Required	Required	<b>Flood Risk Dataset</b>	Changes Since Last FIRM (CSLF)	Required <sup>1</sup>	N/A	Water Surface Elevation Grids	Required <sup>2</sup>	N/A	Flood Depth Grids	Required <sup>2</sup>	N/A	Percent Annual Chance & Percent 30-year Chance Grids	Required <sup>3</sup>	N/A	Flood Risk Assessment	Required (AAL <sup>4</sup> and Refined <sup>5</sup> )	Required (AAL <sup>4</sup> )	Areas of Mitigation Interest (AoMI)	Required	Required	<b>Flood Risk Map</b>	Required	Required	<b>Flood Risk Report</b>	Required	Required	<p>The minimum datasets associated with the Flood Risk Project are defined as follows:</p> <table border="1"> <thead> <tr> <th>Flood Risk Product/Dataset</th> <th>New Flood Hazard Analysis<sup>1</sup> Conducted</th> <th>No New Flood Hazard Analysis<sup>1</sup> Conducted</th> </tr> </thead> <tbody> <tr> <td><b>Flood Risk Database</b></td> <td>Required</td> <td>Required</td> </tr> <tr> <td rowspan="6"><b>Flood Risk Dataset</b></td> <td>Changes Since Last FIRM (CSLF)</td> <td>Required<sup>2</sup></td> <td>N/A</td> </tr> <tr> <td>Water Surface Elevation Grids</td> <td>Required<sup>3</sup></td> <td>Optional<sup>4</sup></td> </tr> <tr> <td>Flood Depth Grids</td> <td>Required<sup>3</sup></td> <td>Optional<sup>4</sup></td> </tr> <tr> <td>Percent Annual Chance &amp; Percent 30-year Chance Grids</td> <td>Required<sup>3</sup></td> <td>Optional<sup>4</sup></td> </tr> <tr> <td>Flood Risk Assessment</td> <td>Required<sup>6,8</sup></td> <td>Required<sup>7,8</sup></td> </tr> <tr> <td>Areas of Mitigation Interest (AoMI)</td> <td>Required</td> <td>Required</td> </tr> <tr> <td><b>Flood Risk Map</b></td> <td>Required</td> <td>Required</td> </tr> <tr> <td><b>Flood Risk Report</b></td> <td>Required</td> <td>Required</td> </tr> </tbody> </table> <p><sup>1</sup> "New Flood Hazard Analysis" - flooding sources receiving regulatory-level analyses</p> <p><sup>2</sup> CSLF is optional in areas where digital modernized floodplain boundaries are not available for the effective FIRM.</p> <p><sup>3</sup> Riverine studies: 10%, 4%, 2%, 1%, "1%+", and 0.2% annual-chance floods Coastal studies: only the 1% annual chance flood Levee studies: Riverward/Seaward side - same as Riverine or Coastal Landward side - only the scenario(s) used to delineate SFHA boundary</p> <p><sup>4</sup> Can be produced for flooding sources not receiving new analyses if based on effective data</p> <p><sup>5</sup> Riverine only</p> <p><sup>6</sup> Riverine studies: 10%, 4%, 2%, 1%, and 0.2% annual-chance floods, and Annualized Coastal studies: only the 1% annual chance flood Levee studies: Riverward/Seaward side - same as Riverine or Coastal Landward side - only based on the landward depth grid</p> <p><sup>7</sup> Assessments are performed for the flood events with available depth grids. See Flood Risk Database Technical Reference for more information.</p> <p><sup>8</sup> Analysis can be conducted at census block or user-defined facility level.</p>	Flood Risk Product/Dataset	New Flood Hazard Analysis <sup>1</sup> Conducted	No New Flood Hazard Analysis <sup>1</sup> Conducted	<b>Flood Risk Database</b>	Required	Required	<b>Flood Risk Dataset</b>	Changes Since Last FIRM (CSLF)	Required <sup>2</sup>	N/A	Water Surface Elevation Grids	Required <sup>3</sup>	Optional <sup>4</sup>	Flood Depth Grids	Required <sup>3</sup>	Optional <sup>4</sup>	Percent Annual Chance & Percent 30-year Chance Grids	Required <sup>3</sup>	Optional <sup>4</sup>	Flood Risk Assessment	Required <sup>6,8</sup>	Required <sup>7,8</sup>	Areas of Mitigation Interest (AoMI)	Required	Required	<b>Flood Risk Map</b>	Required	Required	<b>Flood Risk Report</b>	Required	Required
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423	FRD, Flood Risk Data, Non-Regulatory Products	Flood Risk Database	All fields in the Flood Risk Database Technical Reference must be populated unless marked as [E]nhanced.	Standard rescinded.																																																														

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425	FRD, Flood Risk Data, National Flood Hazard Layer (NFHL), Non-Regulatory Products	Non-Regulatory Datasets	The National Flood Hazard Layer (or other comparable dataset with all effective FIRMs and Letter of Map Revisions [LOMR]s incorporated) shall be the source for the effective flood hazard area data for non-regulatory products.	The National Flood Hazard Layer (or other comparable dataset with all effective FIRMs and LOMRs incorporated) shall be the source for the effective flood hazard area data used to develop non-regulatory flood risk products.
429	Flood Risk Database (FRD), Flood Risk Report (FRR), Flood Risk Map (FRM), Data Capture, Non-Regulatory Products	Data Capture	<p>The following Non-regulatory deliverables must be submitted using the file formats and directory structure specified in the Data Capture Technical Reference.</p> <p><b>This Document is Superseded. For Reference Only.</b></p> <ul style="list-style-type: none"> <li>* Flood Risk Database</li> <li>* Depth and Analysis Grids</li> <li>* Metadata file</li> <li>* Full text of the Flood Risk Report with bookmarks, a hyperlinked table of contents and section headings.</li> <li>* Flood Risk Map</li> </ul>	<p>The following non-regulatory flood risk product deliverables must be submitted using the file formats and directory structure specified in the Data Capture Technical Reference.</p> <ul style="list-style-type: none"> <li>* Flood Risk Database</li> <li>* Depth and Analysis Grids</li> <li>* Metadata file</li> <li>* Full text of the Flood Risk Report with bookmarks, a hyperlinked table of contents and section headings.</li> <li>* Flood Risk Map</li> </ul>
431	Data Capture, Flood Risk Database (FRD), Flood Risk Data, Non-Regulatory Products	Flood Risk Database	For Flood Risk Product SHP and DBF file formats, domain-based fields shall contain the actual descriptive values, not the numeric or alphanumeric coded value.	Standard rescinded.

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433	Flood Risk Data, Flood Risk Database (FRD), Flood Risk Report (FRR), Flood Risk Map (FRM), Non-Regulatory Products	Flood Risk Database	Non-regulatory datasets must be delivered within the Flood Risk Database and must not be tiled or subdivided.	Non-regulatory flood risk datasets must be delivered within the Flood Risk Database and must not be tiled or subdivided.
438	Flood Risk Database (FRD), Flood Risk Data, Risk Assessment, Hazus, Non-Regulatory Products	Non-Regulatory Datasets	<p style="text-align: center; color: red; font-weight: bold;">This Document is Superseded. For Reference Only.</p> <p>Hazus 2.1 shall be the source for Census block boundaries within the FRD.</p>	Standard rescinded.
441	Flood Risk Database (FRD), Flood Risk Report (FRR), Non-Regulatory Products	Flood Risk Database	Text in the FRR_Custom and FRR_Project tables must be stored as an Office Open XML 2.0 compliant markup fragment containing only text and styles.	Standard rescinded.

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507	Flood Insurance Study (FIS), FIRM Database, Regulatory Products, FIRM, FIS Tables, Flood Profiles	FIS/FIRM	The FIRM, Flood Profiles and Floodway Data Tables must all be in agreement with each other as it relates to the depiction of flood hazards and hydraulic structures.	The FIRM, FIRM database, Flood Profiles and Floodway Data Tables must all be in agreement with each other, including decimal point precision, as it relates to the depiction of flood hazards and hydraulic structures.
620	Discovery, Data and Product Development, Methodology Coordination, Stakeholder Engagement	Coordination	New Standard <b>This Document is Superseded. For Reference Only.</b>	Before commencing the analysis and mapping activities that take place during the Data and Product Development Phase of a flood risk study, Project Teams shall provide a written notification to community Chief Executive Officers and Floodplain Administrators that explains the selected modeling, explains why the selected modeling is appropriate, and provides a 30-day period for communities to consult on the appropriateness of the modeling.
621	Data and Product Development, Independent Data Submission, Stakeholder Engagement	Coordination	New Standard	Upon completion of the first Independent Data Submission for all flood risk studies, Project Teams shall transmit a copy of the Independent Data Submission package to the affected community Chief Executive Officers and Floodplain Administrators and provide a 30-day period during which the affected communities may provide data to FEMA that can be used to supplement or modify the existing data, and incorporate any data that are consistent with prevailing engineering principles.

SID #	Keyword Tags	Primary Keyword	Original Standard	Revised/New Standard
622	Preliminary NFIP Map Release, Due Process, Education, Stakeholder Engagement	Stakeholder Engagement	New Standard	During the Preliminary NFIP Map Release and Due Process phases of the lifecycle for a flood risk study, the Project Team shall work with the FEMA Regional Office of External Affairs, other FEMA staff, community officials, and local radio and television outlets to further educate property owners about flood map revisions and appeals processes.
623	Conditional Letter of Map Amendment (CLOMA), Conditional Letter of Map Revision based on Fill (CLOMR-F), Letters of Map Amendment (LOMA), Letter of Map Revision based on Fill (LOMR-F)	LOMA	New Standard <b>This Document is Superseded. For Reference Only.</b>	LOMA, CLOMA, LOMR-F, and CLOMR-F reviews must follow the procedures outlined in the "Basis of MT-1 Determinations" Guidance Document and the results must be stored with the MIP.

## How to Submit Comments to FEMA

You may provide comments via email at: [FEMA.GS@riskmapcads.com](mailto:FEMA.GS@riskmapcads.com). Comments received prior to March 2, 2016, will be reviewed and addressed as appropriate before the standards are finalized.