



Federal Emergency Management Agency

Washington, D.C. 20472

November 21, 2000

MEMORANDUM FOR: See Distribution List

FROM: John Magnotti, Task Leader
Flood Hazard Mapping (FHM) Web Site

SUBJECT: Flood Hazard Mapping Web Site
Monthly Activities Summary Report

This memorandum highlights new content that is under development for the Flood Hazard Mapping (FHM) Web site, site statistics, and other pertinent information.

FHM Web Summary

New Content on the Site: Two deliverables were sent and posted to the FEMA server in the month of November. A deliverable containing 122 files was posted to the FEMA server on November 17, 2000. This deliverable included files for the "CHECK-RAS," "GIS I," and "How to Read a Flood Insurance Rate Map (FIRM)" tutorials. The previous deliverable, which contained four files, was posted on November 2, 2000. The files in this deliverable included revisions to reflect the recent completion of a special licensing conference co-hosted by the Management Association for Private Photogrammetric Surveyors (MAPPS) and the USGS, in which FEMA participated. This conference ended on November 1, 2000. Details on this and other new content are included below.

- How to Read a Flood Insurance Rate Map (FIRM) Online Tutorial: This tutorial covers the format, use, and application of FIRMs. Tutorial topics include "Flood Map Overview," "Reading Indexes," "Reading Panels," "Getting Specific Information," and "The Next Generation of Digital FIRMs." The tutorial includes technical explanations of each element found on FIRMs. The "Getting Specific Information" section of the tutorial is intended to help users find the general and specific location of a property, determine the Special Flood Hazard Area designation for that property, and calculate the base flood elevation in the subject area. View the final tutorial at http://www.fema.gov/mit/tsd/OT_Firmr.htm.
- CHECK-RAS Tutorial: This tutorial demonstrates how to use the CHECK-RAS program by giving an introduction and overview of the program, explaining the setup procedures for the program, and discussing and displaying examples of each type of CHECK-RAS check. View the system requirements and access the final tutorial at http://www.fema.gov/mit/tsd/OT_CRTut.htm. View the CHECK-RAS Tutorial Resources page at http://www.fema.gov/mit/tsd/DL_CRrcr.htm for additional documentation and access to downloadable data sets for use with the program.

- GIS Tutorial Series: I. Introduction to GIS Tutorial: This tutorial introduces individuals to GIS. The tutorial includes an overview of what a GIS is, what is needed for a GIS (hardware, software, data, and trained staff), basic mapping terminology, and how a GIS is used to produce maps and other information. This tutorial is the first in a series of three. The second and third tutorials will address the use of GIS to create Digital FIRMs (DFIRMs), and the use of GIS, DFIRM, and other data for community applications, respectively. View the final tutorial at http://www.fema.gov/mit/tsd/OT_GISrq.htm.

- What's New Archives: All content that is over 3 months old on the "What's New" main page has been moved to two new archives for calendar years 1999 and 2000. View the 1999 calendar year archive at http://www.fema.gov/mit/tsd/WN_1999.htm and the 2000 calendar year archive at http://www.fema.gov/mit/tsd/WN_2000.htm.

- Contact Information for PBS&J: Added PBS&J Flood Insurance Specialist contact information to http://www.fema.gov/mit/tsd/FQ_gen04.htm and http://www.fema.gov/mit/tsd/FQ_gen14.htm.

New Content Under Development: The FHM Web team has completed site development and research over the last month. The most recent activities are listed below.

- GIS Tutorial Series: II. Using GIS to Create DFIRMs: The second in the series. This tutorial will provide viewers with information on FEMA's use of GIS technology to create DFIRMs. Topics to be addressed include DFIRM components; graphic, base map, and metadata specifications; and database design. Tutorial content is currently under review.

- Cooperating Technical Community (CTC) Web Site Redesign: The CTC Web site is being redesigned and expanded to provide more information. Content under development includes CTC success stories, links to CTC entities, and a list of Frequently Asked Questions. A copy of the draft redesign is available for review at http://www.floodmaps.net/practice/CTC_NEWmain.htm.

- National Flood Frequency (NFF) Tutorial: This tutorial will teach site visitors to use the NFF software to calculate peak discharge information. This tutorial is being developed concurrent with the projected release of the NFF software.

FHM Web Site Administration: Using Linkbot Pro (link-checking software) on an NT server, we have scheduled automatic nightly site reviews. FHM team members check the report each morning and make any necessary repairs. The Information Technology group at FEMA is also using WebTrends to track and publish site-use statistics for the FEMA server. Some pertinent information gathered from these latest reports is included below, along with summaries of other pertinent site administration activities.

– **Site Quality**

- Total files:* 1,615
- Broken links: 0

*Total files include HTML pages, images, Adobe Acrobat PDF files, Microsoft Word WinZip Archives, etc.

– **Web Trends (October 1 - 31, 2000, FHM Web site highlights)**

- 431,724 hits (average of 13,926 hits per day).
- 97,515 page views (average of 3,145 views per day).
- 27,981 visitor sessions. The average visitor session was 10 minutes 34 seconds.
- 25,929* files downloaded, saving FEMA approximately \$77,787** in mailing costs over a 30-day period.

* Includes Adobe Acrobat PDF, WinZip, and Help files.

** Figure based on \$3 per file mailing cost estimate.

A listing of the most requested FHM Web site pages and downloads is included in the following tables.

Top 5 Most Requested FHM Web Site Pages (October 1 - 31, 2000)		
<i>Page</i>	<i>URL</i>	<i>Requests</i>
<i>FHM Web site index page</i>	http://www.fema.gov/mit/tsd/	18,005
<i>Map Modernization main page</i>	http://www.fema.gov/mit/tsd/MM_main.htm	2,489
<i>Information for Engineers / Surveyors</i>	http://www.fema.gov/mit/tsd/EN_main.htm	2,442
<i>Frequently Asked Questions main page</i>	http://www.fema.gov/mit/tsd/FQ_main.htm	1,962
<i>Why Flood Maps Are Important</i>	http://www.fema.gov/mit/tsd/TSD_mssn.htm	1,917

Top 5 Most Downloaded FHM Web Site Files (October 1 - 31, 2000)		
<i>File</i>	<i>URL</i>	<i>Downloads</i>
<i>Guidelines for Determining Flood Flow Frequency</i>	http://www.fema.gov/mit/tsd/DL_flow.pdf	3,662
<i>January-June 2000 Compendium</i>	http://www.fema.gov/mit/tsd/FRM_JJ00.pdf	3,000
<i>MT-2 form</i>	http://www.fema.gov/mit/tsd/MT-2.pdf	1,386
<i>MT-1 form</i>	http://www.fema.gov/mit/tsd/MT-1.pdf	1,341
<i>Zone A Manual</i>	http://www.fema.gov/mit/tsd/FRM_znA.pdf	1,286

Listserv Sign-Ups Continue to Grow: Listserv sign-ups are available from the FHM Web site for general FHM news and information, as well as information related to specific FEMA software packages and tutorials. Details about the available listservs are provided below.

- **FHM Listserv:** As of November 20, 2000, 1,389 subscribers have signed up to receive e-mail updates on Flood Hazard Mapping. Sign-ups continue to increase each month: 80 new subscribers signed up in October, and 50 new subscribers have signed up this month as of November 20. The latest listserv, which was sent on October 13, 2000, provided information about the "Licensing Data, Licensing People" special conference. Listserv e-mails are sent to subscribers on a monthly basis to announce important new content on the Web site and to advertise training courses or other FEMA events.
- **Quick-2 Listserv:** A Quick-2 listserv was activated on June 6, 2000, to allow site users to subscribe to receive updates and information concerning the Quick-2 program, tutorial, and related information. A total of 55 members are signed up for this listserv, including 12 new subscribers in October and 4 new subscribers this month as of November 20.
- **RASPLOT Listserv:** A RASPLOT listserv was activated on September 29, 2000, to allow site users to subscribe to receive updates and information concerning the RASPLOT program. A total of 20 members are signed up for this listserv, including 9 new subscribers in October and 5 new subscribers this month as of November 20.
- **CHECK-RAS Listserv:** A CHECK-RAS listserv was activated on September 29, 2000, to allow site users to subscribe to receive updates and information concerning the CHECK-RAS program. A total of 27 members are signed up for this listserv, including 17 new subscribers in October and 4 new subscribers this month as of November 20.

Online Multimedia Tutorials: Several online multimedia tutorials have recently been completed, are in development, or are planned for development over the coming months. Many of these tutorials are based on the training modules that were originally piloted at the Emergency Management Institute in Emmitsburg, Maryland, from October 12-22, 1999. These modules were designed to provide in-depth training in different facets of the NFIP and to support FEMA's public education and outreach efforts as part of the Map Modernization effort.

Software to enable tutorial users to enter information and print tutorial completion certificates and completed PDF forms, such as the MT-EZ and MT-1 forms in the LOMA/LOMR-F Tutorial, has been installed on the floodmaps.net (FHM Web site) development server. This software will enhance the user's ability to interact with the tutorials. A brief description and progress report for each online tutorial project is included below.

- *Quick-2, Version 2.0, Tutorial* - This tutorial uses sample data sets to illustrate the functionality of the Quick-2 program.
Completed May 2000. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_Q2sr.htm.
- *How to Read a FIRM Tutorial* - This tutorial contains information on the use and application of FIRMs. Each component of the FIRM is investigated.
Completed October 2000. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_FIRMr.htm.
- *CHECK-RAS Tutorial* - This tutorial demonstrates how CHECK-RAS can be used to verify the validity of an assortment of input and output parameters found in the U.S. Army Corps of Engineers HEC-RAS program.
Completed November 2000. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_CRTut.htm.
- *Introduction to GIS Tutorial* - This tutorial provides an overview of GIS, including what GIS is, what is needed for a GIS (hardware, software, data, and trained staff), basic mapping terminology, and how a GIS is used to produce maps and other information.
Completed November 2000. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_GISrq.htm.
- *How to Read a FIS Tutorial* - This tutorial will contain information on the use and application of FISs. Each aspect of the FIS will be investigated.
Projected completion: December 2000.

- Using GIS to Create DFIRMs Tutorial - This tutorial will provide viewers with information on FEMA's use of GIS technology to create DFIRMs. Topics addressed include DFIRM components; graphic, base map, and metadata specifications; and database design. Draft content is under development.
Projected completion: December 2000.
- Using GIS, DFIRMs, and Other Data for Sample Community Applications Tutorial - This tutorial will provide users with guidance on the use of GIS, DFIRMs, and other data for community applications.
Projected completion: December 2000.
- NFF Tutorial - This tutorial will teach site visitors to use the NFF software to calculate peak discharge information. This tutorial is being developed concurrent with the projected release of the NFF software.
*Projected completion: February 2001.**
**Schedule is dependent on the final release of NFF, Version 3.0.*
- RASPLOT Tutorial - This tutorial will demonstrate the use of RASPLOT to create flood profiles for FISs. The functions of the program will be discussed, including sample profiles generated from HEC-2 and HEC-RAS data.
Projected completion: March 2001.
- LOMR Tutorial - This tutorial will take the user through the LOMR and conditional LOMR application process. It will include an overview of the NFIP, information on NFIP regulations, and other pertinent topics. Development of the LOMR Tutorial will be concurrent to the revision and approval of the MT-2 application/certification package.
Projected completion: On hold pending changes to the MT-2 application / certification forms package.
- LOMA/LOMR-F Tutorial - This tutorial is intended to walk users through the LOMA and LOMR-F application processes, including helping them to gather all the information necessary to support a LOMA or LOMR-F request and complete the MT-EZ and MT-1 forms. Once they have completed the tutorial, users may print a completed MT-EZ or MT-1 form and mail it to FEMA for processing. A tutorial prototype is available for review at http://www.floodmaps.net/practice/loma_fpi.htm.
Projected completion: On hold pending changes to the MT-1 application / certification forms package and the LOMR-F process.

White Papers: The FHM Web team is currently working on several white papers to address key FEMA data-sharing initiatives. Summaries are provided below for all white papers that are currently being written or are planned in the near future.

- *Backup Data on the Web* - This white paper addresses the political and technical issues involved with making backup data available on the Web. The paper outlines a proposed phased approach to deploying the data, along with a budget estimate and schedule.
Paper Completed October 2000. A presentation of findings is currently being developed for a briefing that will follow in the near future.
- *LOMRs/Conditional LOMRs on the Web* - This white paper addresses the political and technical issues involved with making LOMRs and conditional LOMRs available on the Web.
Paper Completed November 2000. A presentation of findings is currently being developed for a briefing that will follow in the near future.
- *Preliminary FIRMs and CBRS Maps on the Web* - This paper will address the political and technical issues involved with making preliminary FIRMs and Coastal Barrier Resources System (CBRS) delineations available on the Web. The paper will outline a proposed phased approach and budget estimate for completion of the task.
Projected Completion: January 2001.
- *BFE Notices on the Web* - This white paper will address the political and technical issues involved with providing Base Flood Elevation (BFE) information on the Web.
Projected Completion: On hold pending the Office of General Counsel's legal determination.
- *LOMAs on the Web* - This white paper will address the political and technical issues involved with making LOMAs available over the Web. The paper will be closely related to the LOMR/conditional LOMR white paper mentioned above.
Projected Completion: On hold pending the launch of the joint contractor Management Information System.
- *MNAP Information Post* - This white paper will address the issues involved with the development of a Web-based response area to allow feedback and information to be posted for the Mapping Needs Assessment Process (MNAP). This paper will outline a proposed phased schedule and budget for this task.
Projected Completion: Development dependent on Mapping Needs Update Support System development.

New Applications: The FHM Web team has developed some new Web applications to help facilitate the exchange of information between FEMA and contractor staff. Recent applications are included below.

- Map Modernization Database Web Site: A password-protected online Map Modernization Plan (MMP) database has been developed to allow objective leaders to update the status of their Map Modernization tasks. The information collected through this Web site is being used to:
 - Automate production of progress reports;
 - Track the status, schedule, and budget of all objectives;
 - Post relevant MMP and objective documents for easy access by objective team members; and
 - Identify the need for routine updates to the Map Modernization component of the FHM Web site.

- Cooperating Technical Communities (CTC) Database: This password-protected tracking and information database was designed for use by the FEMA Regional staff. Database enhancements are under development. In the next phase, regional CTC representatives will have the opportunity to review the data and the database enhancements. Ultimately, the database will become a Web maintenance and reporting tool.

- Technical Mapping Advisory Council Web Posting Tool: This password-protected application allows members of the Technical Mapping Advisory Council to edit and post various documents, including reports and meeting minutes. The goal of this tool is to assist members of the Council in the preparation of their final report to Congress.

- Tutorial Glossary Maintenance Tool: This tool will allow all contractors developing online tutorials to easily determine which words are already in the glossary, detect existing glossary terms in glossary definitions for ease of cross-referencing, add terms and definitions to the glossary tool, and edit existing terms and definitions in the glossary tool. The tool will reduce the need to manually cross-reference glossary terms, thus saving many hours of work. The tool is complete and is being populated with glossary terms and definitions.

- Tutorial Certificate Counter: This application was developed to track the number of certificates generated for each Web-based tutorial. Development is complete.

- Tutorial Questionnaire and Tell-A-Friend Feature: The online tutorial questionnaire will allow tutorial users to answer questions about their experience and provide the FHM team with valuable feedback via automated e-mail messaging. The Tell-A-Friend feature will allow tutorial users to e-mail the address of the tutorial they just viewed to others. This application is in the final stages of development.

Notification of “Hot” Map Changes: The FHM Web site is being used to provide information about “hot” map changes, such as those that have generated a great deal of congressional and/or public interest. To date, information has been posted about changes in Richland and Lexington Counties, South Carolina; Harris County, Texas; Los Angeles County, California; Los Lunas, New Mexico; and Orange County, California. Visit http://www.fema.gov/mit/tsd/ST_hot.htm to stay on top of politically sensitive map revisions.

Distribution With Attachment

Matt Miller
Doug Bellomo
Bill Blanton
Mike Grimm
Edward Corvi
Mark Crowell
Cindy Croxdale
Anne Flowers
Katie Hayden
Sally Magee
John Magnotti
Stu Nishenko
Leslie Weiner-Leandro

Distribution Without Attachment

Mike Buckley
Chris Doyle
Nancy Thrall

FHM Web Site Project Status

The FHM project status summary outlines the progress on active tasks over the last month, by contractor. A primary point of contact for each contractor is included in this section along with a brief description of the scope of work for each task. These descriptions provide general background information concerning the specific tasks.

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Match the number of the following task descriptions to the ID in the table on page 3 to get a summary of information for a particular task.

1. **CHECK-RAS Tutorial**: Developed a multimedia tutorial to demonstrate how CHECK-RAS can be used to quickly and accurately verify the validity and reasonableness of an assortment of input and output parameters found in the U.S. Army Corps of Engineers HEC-RAS program.
FEMA Lead: John Magnotti.
Team: Moe Khine, Xiaoyi Zhang, Syed Qayum, Paul Huang, Keith Steury – D&D; other FHM Web team members.
Completed: November 2000. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_CRTut.htm.
2. **LOMRs/Conditional LOMRs on the Web White Paper**: Convened a task force of appropriate personnel to address the topic(s), conduct technical and regulatory research, and developed a white paper to address the political and technical issues involved with making LOMRs and conditional LOMRs available on the Web.
FEMA Lead: Sally Magee.
Team: Anne Flowers – FEMA; Jerry Sparks, Maggie Mathis, Dave Jula, Eric Simmons, Matt Morton, Lora Eskandary, Keith Steury, Paul Huang – D&D; Travis Clark, Beatriz Perez, Tom Smith – Baker; Gary Guhl - PBS&J.
Paper Completed: November 2000. A presentation of findings is currently being developed for a briefing that will follow in the near future.
3. **Preliminary FIRMs/CBRS Maps on the Web White Paper**: Convene a task force of appropriate personnel to address the topic(s), conduct technical and regulatory research, and develop a white paper to outline a proposed phased approach and budget estimate for completion of the task.
FEMA Lead: Mark Crowell.
Proposed Team: Tony Hake, Sue Hoegberg, Steve Kalaf, Maggie Mathis, Keith Steury – D&D; other team members, TBD.
Projected Completion: January 2001.

4. **NFF Tutorial:** Create a multimedia tutorial based on the previously developed software training module (used at Emmitsburg) to teach site visitors to use the NFF software to calculate peak discharge information.
FEMA Lead: John Magnotti.
Proposed Team: Bill Blanton - FEMA; Bill Kirby, Kernell Ries - USGS; Keith Steury, Paul Huang - D&D.
Projected Completion: February 2001.*
**Schedule is dependent on the final release of NFF, Version 3.0.*

5. **RASPLOT Tutorial:** Create a multimedia tutorial to demonstrate the use of RASPLOT to create flood profiles for Flood Insurance Studies. The functions of the program will be discussed, including sample profiles generated from HEC-2 and HEC-RAS data.
FEMA Lead: John Magnotti.
Proposed Team: Moe Khine, Xiaoyi Zhang, Syed Qayum, Paul Huang, Keith Steury – D&D.
Projected completion: March 2001.

6. **LOMR Tutorial:** Create a multimedia tutorial, based on the existing NFIP Revisions and Amendments training module and the results of the MT-2 application/certification forms package revision, to take users through the process of applying for LOMRs and conditional LOMRs. The tutorial will include an overview of the NFIP, information on NFIP regulations, and other pertinent topics.
FEMA Lead: John Magnotti.
Proposed Team: Bill Blanton - FEMA; Keith Steury - D&D; other FHM Web team members.
Projected Completion: On hold pending changes to the MT-2 application / certification forms package.

ID	Task	Summary of Recent Activity	Current Status
1	CHECK-RAS Tutorial	Final tutorial posted to the FHM Web site on November 17, 2000.	100% complete.
2	LOMRs/Conditional LOMRs on the Web White Paper	White paper sent out for team review on November 1, 2000. Incorporating final comments and preparing presentation of research findings.	95% complete.
3	Preliminary FIRMs/CBRS Maps on the Web White Paper	Final internal meeting held on October 19, 2000. The draft white paper is currently being developed. A meeting has been scheduled for Wednesday, November 20, 2000, at FEMA Headquarters to discuss issues related to the posting of CBRS LOMRs on the FEMA Web site.	50% complete.
4	NFF Tutorial	Held a meeting with Kernell Ries of the USGS and John Magnotti on October 31, 2000, to discuss the content and objectives of the tutorial. Obtained a Beta version of the NFF software and prepared a draft storyboard for the tutorial.	5% complete.
5	RASPLOT Tutorial	Project not started.	0% complete.
6	LOMR Tutorial	Training materials gathered and organized. Tutorial development will run concurrent to the revision of the MT-2 application / certification package. Tutorial is currently on hold pending changes to this package.	On hold.

Task	Summary of Recent Activity	Current Status
Special Requests	1. Added the August 22, 2000, October 2, 2000, and October 26-27, 2000, Technical Mapping Advisory Council meeting minutes to the site.	100% complete.
	2. Added "What's New" archive pages for calendar years 1999 and 2000. The 2000 archive includes all data that is over 3 months old.	
	3. Revised the general FAQ concerning requirements for obtaining a LOMA or LOMR-F.	
	4. Updated the Software main page to include information for Coastal Hazard Analysis Modeling Program (CHAMP) and NFF. Added icons to the page to indicate whether items are not planned, available, in progress, or planned for the future.	
	5. Added Adobe Acrobat PDF certificate and "e-mail a friend" functionality to the Quick-2 Tutorial.	

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Match the number of the following task descriptions to the ID in the table on page 8 to get a summary of information for a particular task.

1. Technical Mapping Advisory Council Posting Tool: Coordinate with Council liaison to develop a tool to allow Council members to share information to prepare their final report to Congress. Provide support to users as necessary.
FEMA Lead: Sally Magee.
Completed: Development complete. Support ongoing.
2. Introduction to GIS Tutorial: Provided an overview that explains what a GIS is, what is needed for a GIS (hardware, software, data, and trained staff), basic mapping terminology, and how a GIS is used to produce maps and other information.
FEMA Lead: John Magnotti.
Team: Jane Huzil, Jeff Booth, Beatriz Pérez, Dorene Taylor – MBJ.
Completed: November 2000.
3. CTC Web Site Redesign: Redesign and expand site to provide more information. Develop new content, including CTC success stories, links to CTC entities, and list of Frequently Asked Questions.
FEMA Lead: Katie Hayden.
Team: Beatriz Pérez, Wanda Rizer, Dick Wild – MBJ.
Projected Completion: November 2000.
4. Using GIS to Create DFIRMs Tutorial: Create a tutorial to provide users with information on FEMA's use of GIS technology to create DFIRMs. Address various topics pertaining to DFIRM production, including DFIRM components; graphics, base map, and metadata specifications; and database design.
FEMA Lead: John Magnotti.
Team: Ed Corvi and Leslie Weiner-Leandro – FEMA; Beatriz Pérez, Dorene Taylor, Jane Huzil, Jeff Booth – MBJ.
Projected Completion: December 2000.

5. Using GIS, DFIRMs, and Other Data for Sample Community Applications Tutorial: Create a tutorial to provide users with information on how to use GIS, DFIRMs, and other data for community applications.
FEMA Lead: John Magnotti.
Team: Ed Corvi and Leslie Weiner-Leandro – FEMA; Beatriz Pérez, Dorene Taylor, Kristin Plum, Jeff Booth – MBJ.
Projected Completion: December 2000.
6. CTC Database: Develop a CTC tracking and information database for use by the FEMA Regions and CTC representatives.
FEMA Lead: Katie Hayden.
Team: Beatriz Pérez, Dick Wild, Don Bender, Sean Harasin – MBJ.
Projected Completion: July 2000 (beta testing conducted). January 2001 (expanded database).
7. BFE Notices on the Web White Paper: Prepared a memo from Mike Armstrong to FEMA Office of General Counsel describing the Mitigation Directorate's proposed approach to this effort and requesting its legal opinion. Convene a joint contractor task force to develop a white paper to include proposed phased approach, ongoing updates, and associated budget estimates. Prepare pilot Web page(s) for review and comment.
FEMA Lead: Matt Miller.
Team: Mike Grimm, Doug Bellomo, Bill Blanton, and John Magnotti – FEMA; Don Bender, Beatriz Pérez, Susie Ellicott – MBJ; Jim Ochse, Lora Eskandary – D&D; Allen Goff – PBS&J.
Draft Memo Completed: March 2000 (delivered to Matt Miller).
Projected White Paper Completion: On hold pending Counsel's legal determination.
8. LOMA/LOMR-F Tutorial: Create a tutorial that explains the LOMA and LOMR-F application processes, including necessary forms and information.
FEMA Lead: John Magnotti.
Team: Bill Blanton, Katie Hayden, Mark Crowell – FEMA; Beatriz Pérez, Bill Davis, Dorene Taylor – MBJ.
Projected Completion: On hold pending approval of changes to the MT-1 application / certification forms package and the LOMR-F process.
9. Create Database for Study Status Web Pages: Create a Web database to automatically generate study status pages, including information on upcoming meetings and milestones, a map of the study location, and e-mail contact information for FEMA Regional representatives.
FEMA Lead: John Magnotti.
Projected Completion: On hold pending availability of GIS infrastructure on the Map Service Center server. This activity is currently unfunded.

10. LOMAs on the Web White Paper: Coordinate with the LOMA 2000 group and the Map Service Center. Conduct research and programming to the demonstration level. Prepare a white paper to include proposed phased approach and budget estimate.

FEMA Lead: *Mark Crowell.*

FEMA Team: *John Magnotti.*

Projected Completion: *On hold pending the development of the joint contractor Management Information System.*

ID	Task	Summary of Recent Activity	Current Status
1	TMAC Posting Tool	User support ongoing.	100% complete; user support ongoing.
2	Introduction to GIS Tutorial	Tutorial posted to FEMA's Web site.	100% complete.
3	CTC Web Site Redesign	Content and design in final stages of review.	75% complete.
4	Using GIS to Create DFIRMs Tutorial	Content under review.	50% complete.
5	Using GIS, DFIRMs, and Other Data for Sample Community Applications Tutorial	Draft content under review.	5% complete.
6	CTC Database	Database completed. Enhancements under development.	Database: 100% complete. Enhancements: 10% complete.
7	BFE Notices on the Web White Paper	Individual discussions and task group meeting held; regulations and background information research underway. Draft distributed for comment. On hold pending opinion from Office of General Counsel.	40% complete.
8	LOMA/LOMR-F Tutorial	Content and programming complete. Enhancements on hold pending changes to the forms and application process.	90% complete. On hold pending approval of changes to MT-1 forms and LOMR-F process.
9	Create Database for Study Status Web Pages	Discussions underway. ST_hot.htm for new studies created for immediate outreach needs. On hold pending Monitoring Information on Contracted Studies (MICS) and joint contractor MIS development.	5% complete.
10	LOMAs on the Web White Paper	On hold pending joint contractor database/LOMA 2000 rollout.	5% complete.

Task	Summary of Recent Activity	Current Status
Special Requests	1. Developed online tutorial questionnaire to obtain feedback from tutorial users. Developed feature to allow tutorial users to forward the tutorial link to others.	90% complete.
	2. Developed Flash animation to showcase materials and software available on Flood Hazard Mapping site, to be distributed at Regional Engineers Conference.	90% complete.

PBS&J

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Match the number of the following task descriptions to the ID in the table on the next page to get a summary of information for a particular task.

1. How to Read a FIRM Tutorial: A Web-based tutorial on how to read a FIRM. This tutorial contains information about the FIRM's use and application. It takes the user through each aspect of a FIRM, such as the legend and notes.
FEMA Lead: John Magnotti.
Team: Bill Blanton, Anne Flowers – FEMA;
Mike Smith, Vince DiCamillo – PBS&J.
Completed: October 2000. Posted to the FHM Web site: November 2000.
2. Backup Data on the Web White Paper: Assemble a task force and conduct technical research on supplying back-up data through the Web. Develop a white paper to outline a phased approach to deploying the data, along with a budget estimate and schedule.
FEMA Leads: Bill Blanton and Mike Grimm.
Team: Mike Gilliam – PBS&J.
Paper Completed: October 2000. A presentation of findings is currently being developed for a briefing that will follow in the near future.
3. How to Read a FIS Tutorial: Develop a Web-based tutorial on how to read a FIS report. The tutorial will contain information to educate the users on the FIS report's use and application. The tutorial will take the user through each aspect of a FIS, such as profiles, cross sections, and notes.
FEMA Lead: John Magnotti.
Proposed Team: Bill Blanton – FEMA; Gary Guhl – PBS&J.
Projected Completion: December 2000.
4. MNAP Information Post White Paper: Develop a white paper outlining a Web-based response area to allow feedback and information to be posted for MNAP. Coordinate with the MNAP group on critical issues and needs. The white paper will include a proposed phased schedule and budget.
FEMA Lead: Cindy Croxdale.
Proposed Team: TBD.

ID	Task	Summary of Recent Activity	Current Status
1	How to Read a FIRM Tutorial	Final tutorial posted to the FHM Web site on November 17, 2000.	100% complete.
2	Backup Data on the Web White Paper	Paper completed October 2000; developing PowerPoint presentation for briefings.	70% complete.
3	How to Read a FIS Tutorial	PowerPoint version content completed. Awaiting review comments from MCCs.	85% complete.
4	MNAP Information Post White Paper	Project not started. Pending final programming of MNUSS.	0% complete.