



Federal Emergency Management Agency

Washington, D.C. 20472

December 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: A deliverable containing 11 files was posted to the FEMA server on December 18, 2000. Details concerning the new content included in this deliverable are discussed below.

- Scrolling Banner Graphics on the FHM Index: The scrolling banner on the FHM index page was updated to include new images announcing the recently completed “GIS,” “CHECK-RAS,” and “How to Read a FIRM” Tutorials. Each image links to the system requirements for the respective tutorial resource. View the new images and access the tutorial resources at <http://www.fema.gov/mit/tsd/>.
- Latest Minutes of the Technical Mapping Advisory Council: Three sets of recent meeting minutes have been added to the Technical Mapping Advisory Council meeting minutes page. View the new minutes and the archives from past meetings at http://www.fema.gov/mit/tsd/TMC_mm.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. The storyboard is available at http://www.floodmaps.net/practice/ot_gisII.ppt.

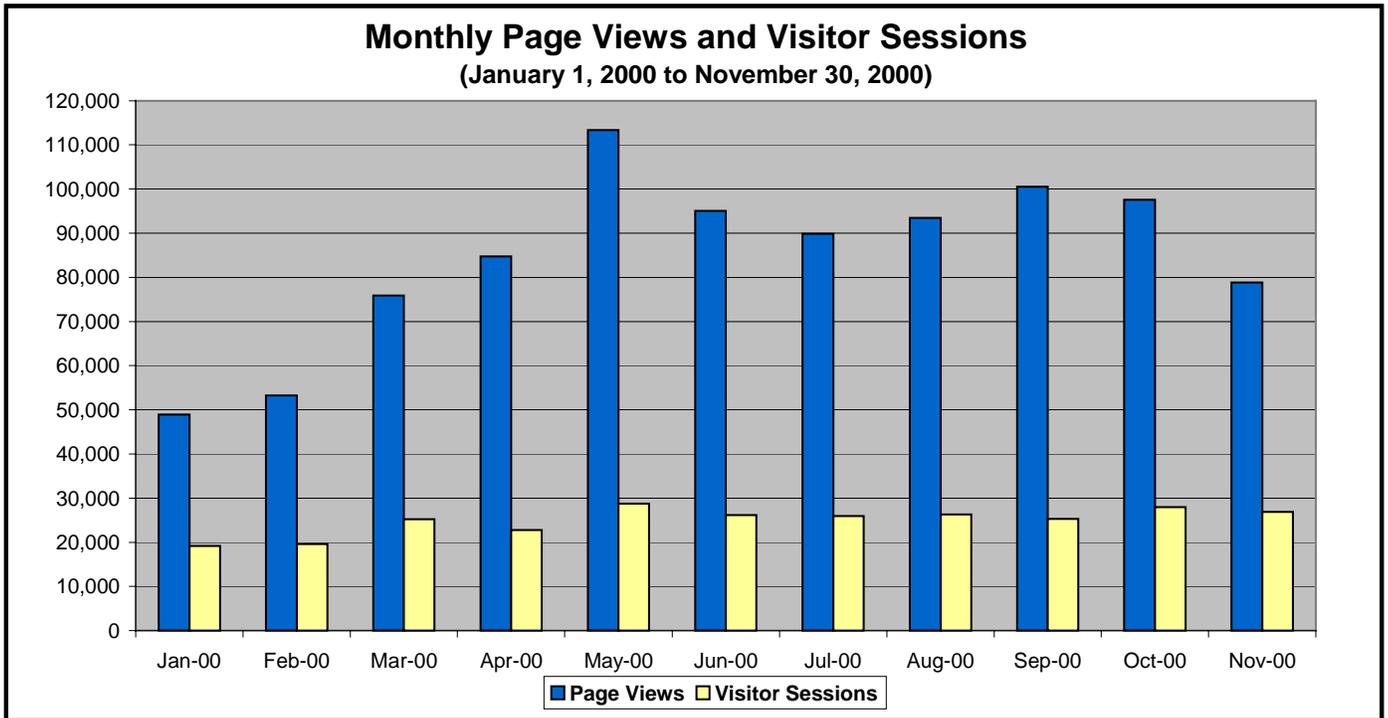
- Cooperating Technical Partners (CTP) Web Site and Database Redesign: The CTP Web site and database are being redesigned and expanded to provide more information. Content under development includes CTP success stories, links to CTP entities, and a list of Frequently Asked Questions. Information about CTP activities throughout the nation, including CTP profiles generated by the CTP database, will also be available on the site. A copy of the draft redesign is available for review at http://www.floodmaps.net/practice/CTP_main.htm.
- National Flood Frequency (NFF) Tutorial: This tutorial will teach site visitors to use the new Windows-based version of the NFF software to calculate peak discharge information in ungaged basins. This tutorial is being developed concurrent with the projected release of the NFF software. Tutorial content is currently under review. The storyboard is available at <http://www.floodmaps.net/practice/nffstory.doc>.
- Flood Insurance Study (FIS) Tutorial: This tutorial contains information on the use and application of FISs. It includes lessons on how to use the FIS in conjunction with the Flood Insurance Rate Map in determining flood risk for property. Each aspect of the FIS is investigated. The tutorial is currently in final review for posting to the FEMA Web site.

FHM Web Site Quality Review: 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.

- Total files:* 1,634
- Broken links: 0

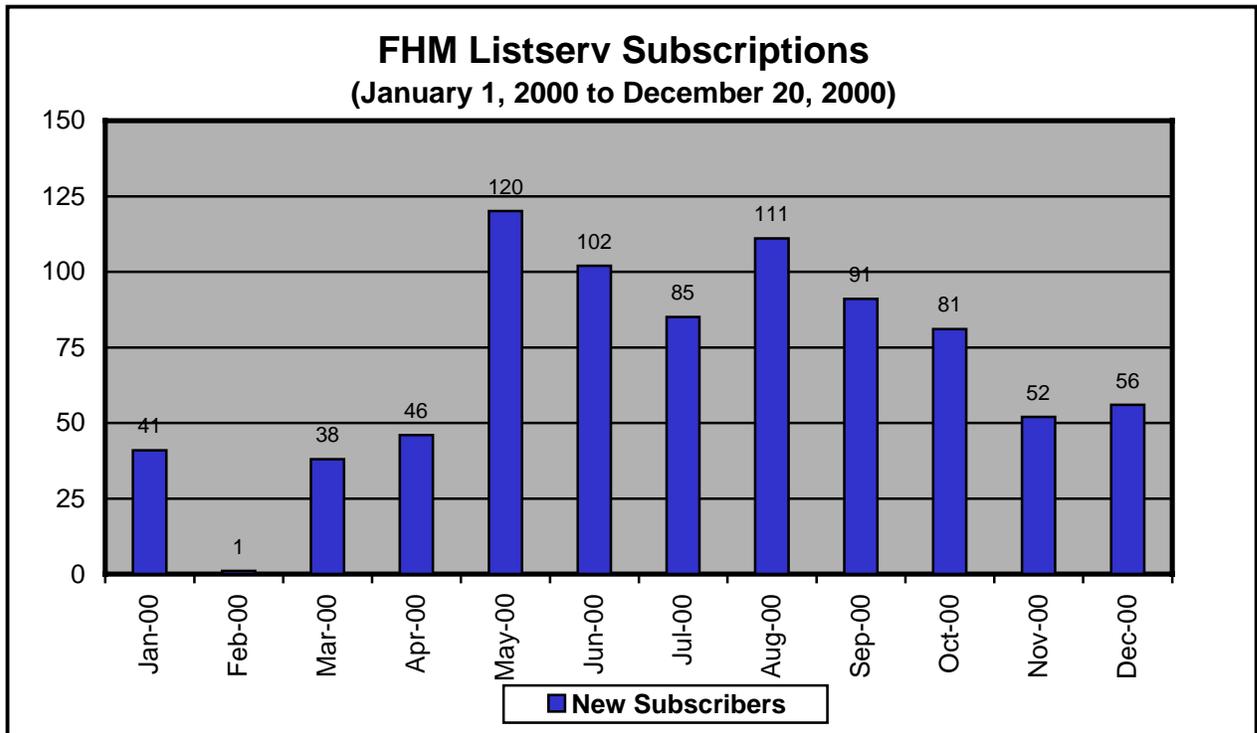
**Total files include HTML pages, images, Adobe Acrobat PDF files, Microsoft Word WinZip Archives, etc.*

Site Statistics: The Information Technology group at FEMA uses WebTrends to track and publish site-use statistics for the FEMA server. Historical page view and visitor session information for the site is included in the table below.



Listsrv Sign-Ups Continue to Grow: Listsrv 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.

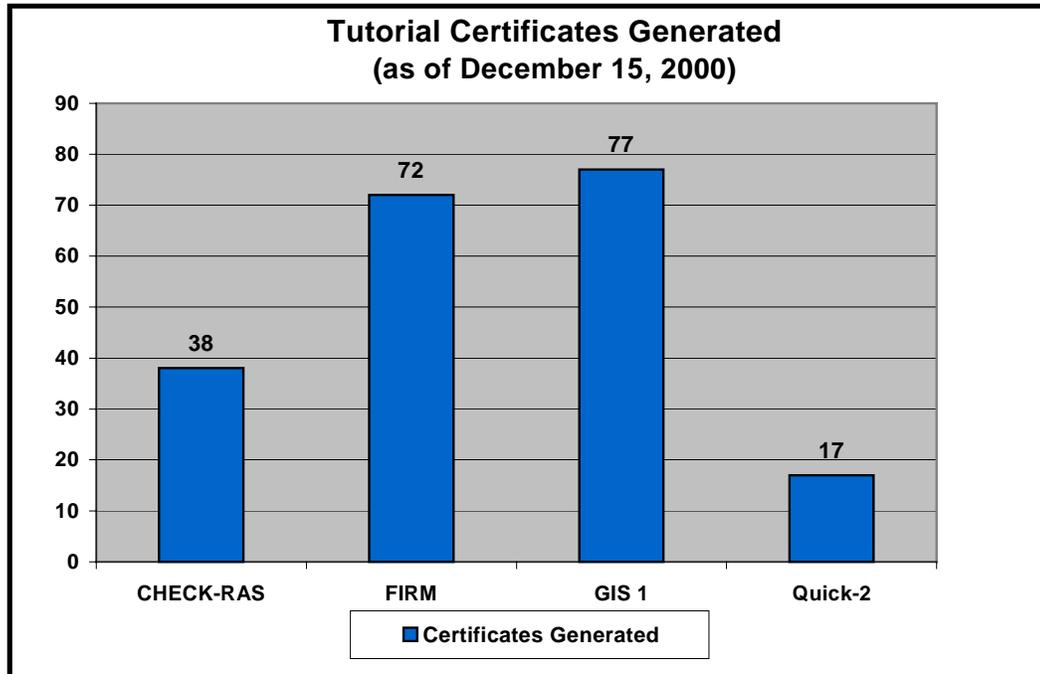
- **FHM Listsrv:** As of December 20, 2000, 1,442 subscribers have signed up to receive e-mail updates on Flood Hazard Mapping, with 824 new subscribers between January 1 and December 20, 2000. Sign-ups continue to increase each month: 52 new subscribers signed up in November, and 56 new subscribers have signed up this month as of December 20. The latest listsrv, which was sent on December 6, 2000, announced the availability of the proposed MT-Forms packages on the web. Comments on the proposed forms, which came from listsrv subscribers across the U.S., were received within hours. These excellent comments will facilitate the creation of new, improved MT forms. Listsrv e-mails are sent to subscribers on a monthly basis to announce important new content on the Web site and to advertise training courses and 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 63 members are signed up for this listserv, including 8 new subscribers in November and 4 new subscribers this month as of December 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 26 members are signed up for this listserv, including 8 new subscribers in November and 3 new subscribers this month as of December 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 48 members are signed up for this listserv, including 13 new subscribers in November and 12 new subscribers this month as of December 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 has been installed on the FHM Web site development server (floodmaps.net). This software helps recognize the user's accomplishment and serves as a record of training while enhancing the user's ability to interact with the tutorials. The total number of certificates generated for each tutorial currently available from the FHM Web site is included in the following graph.



A brief description and progress report for each online tutorial 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: January 2001.
- *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: February 2001.
- *NFF Tutorial* - This tutorial will teach site visitors to use the new Windows-based version of the NFF software to calculate peak discharge information in ungaged basins. This tutorial is being developed concurrent with the projected release of the NFF software. Draft content is being reviewed.
*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. Final paper will be distributed to designated FEMA staff in the near future.
- Coastal Barrier Resources System (CBRS) LOMRs on the Web - This white paper will address the political and technical issues involved with making CBRS LOMRs available on the NFIP section of FEMA's Web site. The paper will outline the structure of the proposed CBRS LOMRs Web pages, quality control procedures, and posting procedures for site content.
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: January 2001 (pending the Office of General Counsel's legal determination).
- Preliminary FIRMs on the Web - This white paper will address the political and technical issues involved with making preliminary FIRMs and delineations available on the Web. The paper will outline a proposed phased approach and budget estimate for completion of the task.
Projected Completion: February 2001.

- 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 Partners (CTP) Database: This password-protected tracking and information database was designed for use by the three MCCs and FEMA Regional and Headquarters staff. An expanded database is under development. CTP profiles generated from the database will be available from the redesigned CTP Web site.

- 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 tool was developed 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.

Dewberry & Davis LLC

Keith Steury

PH: (703) 849-0387

E-mail: ksteury@dewberry.com

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), conducted 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 – MBJ; Gary Guhl – PBS&J.
Paper Completed: November 2000. Final paper will be distributed to designated FEMA staff in the near future.
3. **CBRS LOMRs on the Web White Paper**: This paper will address the political and technical issues involved with making CBRS LOMRs available on the NFIP section of FEMA's Web site. The paper will outline the structure of the proposed CBRS LOMRs Web pages, quality control procedures, and posting procedures for site content.
Proposed Team: Doug Bellomo, John Magnotti – FEMA; Steve Kalaf, Keith Steury – D&D; other team members TBD.
Projected Completion: January 2001.

4. Preliminary FIRMs 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: February 2001.

5. 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 in ungaged basins.

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.

6. RASLOT Tutorial: Create a multimedia tutorial to demonstrate the use of RASLOT 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.

FEMA Lead: John Magnotti.

Proposed Team: Moe Khine, Xiaoyi Zhang, Syed Qayum, Paul Huang, Keith Steury – D&D.

Projected completion: March 2001.

7. 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	Incorporated final comments from Sally Magee, the FEMA Task Leader for the white paper. Paper will be distributed to designated FEMA staff in the near future.	100% complete.
3	CBRS LOMRs on the Web White Paper	Held meeting on Wednesday, November 20, 2000, at FEMA Headquarters to discuss issues related to the posting of CBRS LOMRs on the FEMA Web site. Held conference call on December 13, 2000, to discuss similar issues with Carol Ledbetter and Brigitte Bivens of FIA. The draft white paper is currently being developed.	30% complete.
4	Preliminary FIRMs on the Web White Paper	Final internal meeting held on October 19, 2000. The draft white paper is currently being developed.	50% complete.
5	NFF Tutorial	Distributed tutorial storyboard to the FHM Web team for review on December 4, 2000.	15% complete.
6	RASLOT Tutorial	Project not started.	0% complete.
7	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 scrolling banner graphic to the site index page for the CHECK-RAS Tutorial.	100% complete.
	2. Added the November 14, 2000, Technical Mapping Advisory Council meeting minutes to the site.	
	3. Developed a flyer for the Regional Engineer's Conference to highlight useful Web resources for FEMA Regional Engineer staff. The flyer included links to useful information on the FEMA FHM Web site; the development server (floodmaps.net); contractor resources; and other agencies and organizations.	

Michael Baker Jr. Inc.

Beatriz Pérez

PH (703) 317-6530

E-mail: bperez@mbakercorp.com

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. Available from the FHM Web site at http://www.fema.gov/mit/tsd/OT_GISrq.htm
3. **CTP Web Site Redesign**: Redesign and expand site to provide more information. Develop new content, including CTP success stories, links to CTP entities, and a list of Frequently Asked Questions.
FEMA Lead: Katie Paulson.
Team: Beatriz Pérez, Wanda Rizer, Dick Wild – MBJ.
Projected Completion: January 2001.
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: January 2001.

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: February 2001.
6. CTP Database: Develop a CTP tracking and information database for use by FEMA Headquarters and Regional staff and the MCCs.
FEMA Lead: Katie Paulson.
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: January 2001 (pending the Office of General 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.*

Team: John Magnotti – *FEMA.*

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	CTP Web Site Redesign	Content and design in final stages of review.	85% complete.
4	Using GIS to Create DFIRMs Tutorial	Content under review.	60% complete.
5	Using GIS, DFIRMs, and Other Data for Sample Community Applications Tutorial	Draft content under review.	5% complete.
6	(Expanded) CTP Database	Expanded database under development.	30% complete.
7	BFE Notices on the Web White Paper	Incorporated final comments. Discussion with and opinion from Office of General Counsel pending. Presentation and demonstration materials under development.	80% 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. Added scrolling banner graphic to the site index page for the GIS I Tutorial.	100% complete.
	2. 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.
	3. Developed Flash animation to showcase materials and software available on the FHM Web site. Distributed at Regional Engineers Conference.	100% complete.

PBS&J

LaSharn Belt

PH: (301) 210-6800

E-mail: lebelt@pbsj.com

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:** Assembled a task force and conducted 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:** Developing a Web-based tutorial on how to read a FIS report. The tutorial contains information to educate the users on the FIS report's use and application. The tutorial takes 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.	85% complete.
3	How to Read a FIS Tutorial	PowerPoint version content completed. Awaiting review comments from MCCs.	90% complete.
4	MNAP Information Post White Paper	Project not started. Pending final programming of MNUSS.	0% complete.