



**Project:** Multi-Hazard Flood Map Modernization      **Date:** January 25, 2005  
**Subject:** RMC 9 and MAP IX-Mainland Coordination      **Time:** 11:00AM – 12:30PM  
(Monthly Teleconference)      (CA time)  
**By:** Kathy Schaefer/Mike Skowronek, RMC 9      **Place:** Tele-Conference

**Attendees**  
RMC 9 – Mike Skowronek  
RMC 9 – Kathy Schaefer  
RMC 9 – Jay Johnston  
RMC 9 – Mark Delorey  
MAP IX-Mainland - Elliot Silverston  
MAP IX-Mainland - Jerry Sparks  
MAP IX-Mainland - Chris Barkley  
MAP IX-Mainland – Stephanie Routh  
MAP IX-Mainland – Eric Simmons  
MAP IX-Mainland – John Hoffman  
MAP IX-Mainland – Jennifer Patterson  
MAP IX-Mainland – Jennifer Spencer

**Notes:**

- RMC 9 agreed to record minutes for this meeting. MAP IX-M agreed to record the minutes for the next meeting. We'll continue to alternate in the future.
- A summary of Action Items is provided at the end of this document.
- The next call is scheduled for Tuesday, February 22 at 1:00 PM (CA time). MAP IX-M will ask RMTC to participate.

**Agenda Items**

**1) Status of Active MAP IX-Mainland Task Orders**

- a) Task Order 1: Pima County, Countywide DFIRM**  
*Target date for Revised Preliminary: May 31, 2005*  
*Target date for Effective: September 30, 2005*

MAP IX-M completed/issued the preliminary DFIRM on March 22, 2004. Pima County requested that redelineated SFHAs and additional features be shown on the maps. MAP IX-M is waiting for Pima County to issue a contract for this work. MAP IX-M is also waiting for a task order modification from Region 9 to fund the addition of vector stream centerlines for detailed study areas to the maps and the incorporation of LOMCs issued past the previously established cut-off date. If the county contract and task order modification is issued in early March, it is possible to meet the May 31 target date for the revised preliminary.

MAP IX-M noted that Region 9 said all of the Pima County communities have been contacted and it has been confirmed that all of the communities have an appropriate auto adoption clause in their floodplain management ordinances.

- b) Task Order 2: Mohave County AZ, FIS for 39 streams in Golden Valley, Mohave Valley, Lake Havasu City, Kingman, Colorado City, and Bullhead City**  
*Countywide DFIRM to be done by HDR*

MAP IX-M is currently finishing the H&H analysis and QA/QC. MAP IX-M plans to have the FIS completed by late winter. HDR will do the TSDN review; the production of the FIS depends on the how long it takes HDR to complete the TSDN review.

- c) Task Order 3: Maricopa County, Countywide QA/QC of DFIRM by CTP**  
*Target date for Effective DFIRM: September 30, 2005*

MAP IX-M has been providing training and independent review of the DFIRM created by the Flood Control District of Maricopa County (FCD). The preliminary DFIRM was issued January 1, 2004. MAP IX-M noted that there is clean-up FCD needs to do and their task order will take longer than expected. MAP IX-M will ask for a time extension to Sept 30. Their scope of work covers review and QA/QC only. Although, Ray has asked that MAP IX-M reserves some budget for additional technical support to FCD staff. MAP IX-M is not funded to do post preliminary processing. MAP IX-M does not think that FCD staff are aware of what it takes to get the maps effective by Sept. 30. RMC staff will contact FCD staff regarding map adoption issues and to reinforce the requirement of a 6 month period before the maps become effective.

MAP IX-M is reviewing the North Scottsdale study under a separate task order. MAP IX-M noted that the North Scottsdale and New River studies will not be included in the current countywide DFIRM, but will be rolled in as a revision at a later date. MAP IX-M also noted that Maricopa County wants the vertical datum converted from NGVD 29 to NAVD 88. To prevent any delay in issuing effective maps, Ray has determined that the datum will remain NGVD29 until these 2 studies are rolled into the DFIRM, at which time the datum conversion will be made.

- d) Task Order 4: Imperial County, FIS for selected streams in Salton City and unincorporated Imperial County flowing into the western edge of the Salton Sea**  
*Countywide DFIRM to be done by HDR*  
*Target date for Preliminary DFIRM: September, 2005*

MAP IX-M is asking for a task order extension to April in case comments from HDR need to be addressed. MAP IX-M has submitted the TSDN to HDR for their review. The DFIRM production schedule depends on how long it will take HDR to complete the TSDN review. This should be a discussion item when the HDR coordination meeting is held with the RMC.

- e) Task Order 5: Los Angeles County, FIS for 4 streams in/near the City of Santa Clarita (approx. 20 miles of streams)**

Ray held a meeting in late December with the City of Los Angeles to discuss an interim product. The City of Santa Clarita is concerned about the hydrology because the discharges have increased substantially. MAP IX-M sent a copy of the methodology to Will Thomas about two weeks ago

for review and they have not heard back yet. In addition there are some issues regarding a split flow analysis. MAP IX-M reported that March is when draft restudy is scheduled to be submitted, however, it is contingent on getting a timely response from Will Thomas. Kathy will contact Will regarding the status of the hydrology review.

**f) Task Orders 6, 7 and 8 are separate from Map Mod and were not discussed in detail**

**g) Task Order 9: Maricopa County, North Scottsdale FIS**

MAP IX-M is reviewing the North Scottsdale studies that were prepared by DEI. They are still providing Maricopa County with comments to the hydrology for the North Scottsdale study and have a contract issue to resolve.

**h) Task Order 10: Santa Barbara County, Countywide DFIRM**

*Target date for Preliminary DFIRM: early March, 2005*

*Target date for Effective DFIRM: September 30, 2005*

This is a countywide DFIRM that is incorporating a number of new studies. The draft countywide DFIRM has been prepared. MAP IX-M is waiting for some updated mapping and modeling information for the Arroyo Burro Creek watershed and they are waiting for written direction regarding the incorporation of the Devereaux Creek study. RMC 9 staff are waiting for NSP-Alexandria to approve the response for Devereaux Creek. RMC 9 will continue to press NSP-Alexandria staff for their comments. Kathy Schaefer will provide MAP IX-M an update on this letter the following day.

To meet the aggressive schedule for the preliminary and effective dates, MAP IX-M requests support from the RMC for post preliminary and map adoption. There is a need to work closely together to get the maps adopted in FY 05. Map IX-M and RMC staff need a separate conference call on these issues. The RMC 9 will take the lead in setting up the meeting.

**i) Task Order 11: Gila County, Countywide DFIRM**

*Countywide DFIRM to be done by HDR*

*Target date for Preliminary DFIRM: September 30, 2005*

MAP IX-M is doing the QA/QC support and review for the HDR DFIRM. MAP IX-M has given comments to HDR on their 10% submittal. HDR has a bit of a floating schedule. MAP IX-M has looked at the mapping, the hard copy firm, and FIS profiles and FDT, but not the narrative. The schedule will depend on how long it will take HDR to complete the DFIRM production. This should be a discussion item when the HDR coordination meeting is held.

**j) Task Order 12: Coconino County, Countywide DFIRM and City of Flagstaff Restudy**

*Target date for Preliminary DFIRM: April 2005*

The County is providing re-sampled imagery to Map IX-M for base mapping. The county has good GIS and topography data that they want to use to delineate Zone As in areas currently unstudied, but MAP IX-M was budgeted to keep these areas as Zone Ds. The plan is to process these revisions separately and incorporate them at a later date. Ray is asking that Coconino enter

into a CTP agreement to cover the zone D to A redelineation activities. MAP IX-M has the responsibility of contacting the county to let them know that they should proceed with the CTP.

**k) Task Order 13: Yavapai County, Countywide DFIRM**

*Target date for Preliminary DFIRM: July 2005*

There is an existing digital FIRM from 2001 that MAP IX-M is upgrading to current FEMA specs. AGK did a restudy in 1996 but it did not get rolled into the 2001 digital FIRM. RMC staff will contact NSP-Alexandria staff to determine why the restudy was not incorporated.

**l) Task Order 14: Orange County, FIS for 7 miles of H&H for the City of Laguna Beach**

MAP IX-M met with the City and obtained the City's TIN. MAP IX-M is currently working on finalizing the hydraulics and incorporating the mapping. Before they finalize the hydraulics Ray Lenaburg requested that Will Thomas to review and comment on the hydrology. They anticipate that the hydrology will be ready for review in three weeks.

**m) Task Order 15: San Bernadino County, Hook Creek FIS**

This project is currently going through the QA/QC process. As with Laguna Beach, they will be sending the hydrology to Will Thomas for review and comment. This project is running a little behind schedule and they will probably be asking for an expedited review.

**n) Task Order 16: San Luis Obispo, Countywide DFIRM**

*Target date for Preliminary DFIRM: April 2005*

This is a straight forward digital conversion with no new studies. USGS DOQ data will be the base map.

**o) Task Order 17: Cochise County AZ, Countywide DFIRM**

*Target date for Preliminary DFIRM: June 24, 2005*

*Ray has asked if this date could be moved up, if possible*

This DFIRM involves no restudy, it is a straight conversion. MAP IX-M has completed the 10% review. RMC staff should bump this up in their ordinance review schedule.

**p) Task Order 18: Yuma County AZ, Countywide DFIRM**

*Target date for Preliminary DFIRM: August 2005*

*Ray has asked if this could be moved up to June*

This project is on track. Ray asked MAP IX to take a look at the effective mapping in relation to the Colorado Floodway Study. It would be good to obtain a copy of the Colorado River Study from the Bureau of Reclamation. Kathy agreed to contact the Bureau to try to obtain a copy. RMC staff should bump this up in their ordinance review schedule.

**q) Task Order 19: Ventura County, Countywide DFIRM**

*Target date for Preliminary DFIRM: June 2005*

This task includes an evaluation of several restudies prepared by Nolte. The ability of MAP IX-M to meet the schedule is dependant on Nolte getting back to MAP IX-M with an acceptable response to their comments. In addition, MAP IX-M is waiting for Ventura County to provide base map data. Although there are issues related to the base map acquisition, MAP IX-M is actively working through them.

**r) Task Order 20: Lake and Santa Cruz Counties, Countywide DFIRMs**

*Target date for Preliminary DFIRM: March 2005*

*Target date for Effective DFIRM: September 30, 2005*

MAP IX-M is doing the DFIRM production for Lake and Santa Cruz counties for Les Sakumoto. Nolte prepared the DFIRM data. Going forward, Les has indicated that he would like MAP IX-M to help Nolte with the DFIRM production. MAP IX-M and Nolte are working together to issue the preliminary DFIRMs by the end of March; however, this schedule is dependent on timely response and data delivery by Nolte.

- 2) **Status of Data Requests** - Kathy reported that she is continuing to work with NSP-Alexandria staff and the Region to fill the outstanding data requests. She hopes to have all of the outstanding requests filled by the end of the week.
- 3) **Status of Post Preliminary Processing** - The group discussed the fact that it typically takes 6 months from the issuing of the LFD until the maps can go effective. Thus, for maps to meet a September 30 effective date, the LFD will need to be issued on March 30.
- 4) **Update on Programmatic/Map Mod issues**
  - a) **Multi-Hazard Information Platform (MIP) – aka the portal** - The MIP was scheduled to roll-out in Region 9 on Feb. 28 (editorial note – this date has been postponed – no new information is available). No dates for IDIQ training on the MIP have been established. Prior to the MIP roll out, RMC staff will be asking for updates to the MICS spreadsheets. MAP IX-M indicated that they did not think that would be a problem.
  - b) **WISE Tools** - The Citrix rollout of the WISE tools took place on January 22. The WISE tools now available via Citrix include Scoping, Terrain, Open Inventory, Hydrology and Hydraulics. MAP IX-M reported that they have received their log in instructions but they have not attempted to use them yet.
  - c) **Riverside Pre-scoping** - The group briefly discussed the logistics of the Jan. 27 Riverside County Pre-Scoping meeting. Jay stated that he would FTP the Riverside Scoping data to Jerry of MAP IX.
  - d) **Elevation/Imagery Data Inventory** - Paul Rooney of FEMA HQ has requested that the RMCs compile a list of FEMA funded elevation and imagery data. The RMC requested that MAP IX-M keep the RMC informed of any FEMA funded data now and in the future.
- 5) **Coordination on technical & procedural issues**

- a) **Appendix N** - MAP IX-M inquired into the status of the Appendix N. Specifically, have their review comments been incorporated? RMC staff will follow up.
  - b) **Mandatory Stream Lines on DFIRMs**. MAP IX-M inquired into the status of the new directive regarding the inclusion of stream lines on FIRMs. RMC 9 agreed to find out and report back to MAP IX-M.
  - c) **WISE Scoping Tool Training** - MAP IX-M asked if there was going to be additional training on the WISE Scoping Tool. Mike reported that the NSP has been talking to FEMA HQ regarding training in year 2 of the NSP contract (after March 11, 2005). Mike also noted that the RMC is available to provide technical support and training to MAP IX-M. Conference calls using a concurrent Webex session are a good way of doing this. These can be arranged whenever MAP IX-M wishes to do so.
  - d) **Vertical Datum Conversions** - It was agreed that another meeting was needed to discuss the vertical datum conversion issues. Jerry agreed to take the lead to coordinate the meeting.
  - e) **Recent LOMCs** – MAP IX-M asked if the RMC could follow up to ensure MAP IX-M would receive copies of currently issued LOMCs in counties where they have an active task order.
- 6) **Recent lessons learned/open sharing of feedback** - No discussion on this topic

Action Items	
Who	What
MAP IX-M	Invite RMTC to participate on next meeting
Region 9	Issue modification to Task Order 001 for Pima County
RMC 9	Contact Maricopa County regarding post preliminary processing/map adoption issues
RMC 9	Discuss timeline for the Mohave review comments with HDR
RMC 9	Discuss timeline for the Imperial review comments with HDR
RMC 9	Work with Will Thomas to expedite the review of Santa Clarita hydrology
RMC 9	Work with NSP-Alexandria staff to obtain comments for Devereaux Creek in Santa Barbara
RMC 9	Coordinate the hydrology review of Laguna Beach and San Bernadino (Hook Creek) with Will Thomas
RMC 9	Coordinate a follow-up meeting specifically for Santa Barbara
MAP IX-M	Discuss CTP agreement with Coconino County
RMC 9	Find out why the 1996 restudy by AGK was not rolled into the 2001 digital FIRM
RMC 9	Bump up Cochise and Yuma in the planned ordinance review schedule
RMC 9	Contact the Bureau of Reclamation to obtain a copy of the Colorado River Floodway Study
RMC 9	Follow up with NSP-Alexandria staff to determine the current status of Appendix N
RMC 9	Follow up with NSP-Alexandria staff to determine the status of the directive regarding the inclusion of stream lines
MAP IX-M	Check Citrix logins for the WISE tools and notify RMC 9 if they are not working properly
RMC 9	Send MAP IX-M another copy of the Riverside County scoping data via FTP
MAP IX-M	Coordinate a meeting to discuss the vertical datum conversion issues
MAP IX-M	Request WISE Scoping Tool Training from RMC staff when MAP IX-M is ready for the training