

FIRESCOPE GIS WorkGroup – Conference Call Notes – September 6, 2011

Attendees: Lorri Peltz-Lewis (USFS), Mark Rosenberg (CALFIRE), Nancy Miller (LACoFD), Rich Strazzo (CALFIRE), Chris Waters (CAL FIRE), Dave Donley (CALFIRE), Rich Strazzo (CALFIRE), Kris Higgs (CALEMA),

Meeting Notes:

Accept meeting notes from 8/2/11 – LPL resending – will pursue acceptance via email.

Announcements:

- NASA Roses Grant – collaboration on disaster applications – Mark R. – remote sensing, thermal IR, see more at: <http://science.nasa.gov/researchers/sara/grant-solicitations/roses-2011/>, year one brainstorming session discussion with CAL EMA and CAL FIRE – brief concepts due Sept 22. Full proposals due in November.
- CAL EMA – Mark Hooper passing announcement
- CNH Fire Council meeting – Oct 25-26, 2011, South Lake Tahoe, Embassy Suites see: <http://www.cnhfire.org/index.html>

Where to get perimeters:

- CAL FIRE Policy for posting perimeters – NIFC, CA Fire Planning Tools – <http://webmain02.fire.ca.gov/pubs/issuance/7700/7795.pdf> and instructions:
- <http://webmain02.fire.ca.gov/pubs/issuance/7700/e7795.pdf>
- LDDRS is now NICS – this is in research/testing mode now,

MOU signature status – COMPLETED! All signatures completed, if others need to sign let Lorri know.

Issue paper – Membership – Alfie and Nancy moving ahead on switching the seat from Alfie to Nancy. **ACTION ITEM** – Lorri will get out notes on the protocol for membership – get out to team including Nancy and Chris.

Issue paper - S-341 - need to know which alternative was accepted. The SG feels uncomfortable selecting an alternative – recommendation is that the Task Group should select or request additional information. **ACTION ITEM:** Lorri will continue to request which alternative.

Issue paper - GSTOP Updates – final accepted version was sent over to NWCG GSC prior to the deadline. Rich submitted aviation updates including color ramp for elevation ranges, the yellows cover a large elevation set, lots of feedback came back, Aerial Operations Map -> Air Operations Map recommended. Symbols are another concern, “X” suggested, but problematic, “+” suggested, but this is used for bench marks, aeronautical charts uses “X”

Issue paper – Symbology – this was also accepted and Rich Strazzo has talked with Mark Halfner. Mark is the liaison with NWCG, but not sure how he plugs into the DHS/FEMA. **ACTION ITEM:** Lorri and Rich will continue to follow up with contacts they have established. Kris also has a contact that is working on symbology and will share the documents that have been shared with the FIRESCOPE GIS SG team. Kris recommended that CAL EMA CIP is interested in being part of the DHS Symbology effort. **ACTION ITEM:** Lorri check on Communities of Practice login as will others that want to be involved!

FIRESCOPE Liaison Status – Tom not available. Lorri mentioned she had been contacted by Ramiro Rodriguez regarding questions about the GIS SG and the Issue Papers. Not sure if Ramiro will be taking over when Tom retires or not – deferring to Tom to let us know.

NWCG GSC - updates – Lorri

- Geospatial data standards and form methods
- FIMT – any outstanding issues being collected –

- one odd report from Lorri regarding planned dozer line and active fire line.
- Windows 7 64-bit installation problems during installation. This could be associated with demo software he is using.
- Mixed environments – document on how to do this is still on line at: ftp://ftp2.fs.fed.us/incoming/r5/FAMSAC/Incident_Mapping/ this may be changing due to the next items in this list
- Joe reports problems with creating the GDB in 9.3.1 and editing it in 10. Seems like there is a problem with creating GDB. Notes will be update after Rich gets feedback from Joe.
- VIPER Contract – is in place. All software should be ArcGIS 9.3.1. Reports have come in that one vendor showed up with ArcGIS 9.2 – not sure if this was under contract or what fire it was. If this happens get your folks to report it so we can coordinate!
- NWCG CAL FIRE representative – Chris Waters is being offered for this. Lorri coordinating meeting with Sean Triplett (NWCG GSC chair)

Review Meeting Schedule **2011 Meetings** – days/times

- September 6, 2011 – 1-3 PM – moved to 2 hour meeting & coordination for Face 2 Face.
- **November 1-3, 2011 – Face 2 Face – Location to be determined – conflict on Oct 25-27.**
- December 6, 2011 - 1-3 PM

Working Session - plan Face-to-Face meeting holding the November 1-3, 2011

Location: Clark Training Center, March Air Base, CA – **Action Item:** Dave D. checking on

- Work Plan Review
- Action Item Log – Lorri updating her version
- Symbology – ½-full day review with goal to get recommendations paper out.
- GISS Hard dive – Reviews and preparation for next year round 2, what is working, what isn't working, new data lists, etc.
- Election – chair – discussion on building membership and extending this to a 2-year time frame, discuss also the possibility of having a vice-chair that would move into the chair position, open for discussion! ;)
- ArcGIS 10 – CAL FIRE Tools update?
- US National Grid – Lorri will check into having ESRI do a presentation on this with their software. **ACTION ITEM:** Lorri will reach out to Tom Patterson regarding a demo on this. Discussion: there are GIS issues with using the National Grid that require further attention. USAR requires use of this now. NAPSG and other DHS sponsored groups are pushing for standardization of this. Current handling of this is cumbersome. Need to understand this better and write an issue paper if need be.
- Fire Data Standards – NWCG -
- Fire Ignitions & Occurrence data –

Discussion on coordinating on approvals for the state folks to attend.

NASA Roses Grant email:

-----Original Message-----

From: Vince Ambrosia [mailto:Vincent.G.Ambrosia@nasa.gov]
Sent: Wednesday, August 31, 2011 3:26 PM
To: James Brass; Rosenberg, Mark; Edwin J. Sheffner; Forrest S Melton
Subject: NASA ROSES 2011 Disaster Call

I've got an idea...since the NASA ROSES 2011 Disaster Applications call is for a 1-year "feasibility" study and then a 3-year continuation call on successful 1st year feasibility, and since the budgets are rather constrained (we can't propose grandiose ideas). I thought a nice tight approach might be to expand what we are working with CalFire and engage CAL EMA in partnering to look at potential real-time disaster related products that we can develop / derive from the AMS airborne sensor...maybe flood extent mapping, levee status (from thermal analysis), etc. Makes for a nice, tight one-year effort that can then be expanded into a full three-year follow-on.

So, the proposal would be a re-invigoration of the old CAL EOS / NASA Airborne co-op agreement to utilize NASA resources / sensors to support the state in times of state-declared emergencies. Again, first year would be a joint investigation / development of workshops with Cal EMA and others to look at needs in state to support real-time data provision on disasters (or pre / post disaster data). In workshops we can listen to their gaps, expound on our capabilities (real-time data, TOPS / NEX), and see where ideas / interest ignite. Then to build one / two example capabilities to demonstrate feasibility (with a few mission demos). Then the follow-on years, work to expand the horizon of the efforts and build capacity between NASA (ARC and DFRC) and Cal EMA.

I think this will also fill the need of the current efforts by Applied Science to draft a NASA data-provision National Emergency Support plan document. I see us as being one of the driving entities in demonstrating that ARC (and DFRC with aircraft) can support disaster response in the state as a perfect test-bed to expand support capabilities to other entities in the nation. This would all fit a minimal budget and the eight page proposal requirement (which is ~1/2 of normal proposal page limits; meaning, the Applied Science Program wants concise, inexpensive ideas first to tease out the low-hanging fruit, before enhancing the successful projects with greater supplemental funding support for the final three years.

Thoughts???

Cheers!!

Vince

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"Basic research is what I am doing when I don't know what I am doing" -- Wernher Von Braun

See also: [2011_0906_NASARosesGrant_A33-Disasters.pdf](#) attachment: