

Minutes from CHPS Meeting Thursday August 27, 2009

Attendees:

ABRFC – Billy Olsen, Mike Pierce, Eric Jones
CNRFC – Rob Hartman, Pete Fickenscher, Chris Mayo
NERFC – Rob Shedd
NWRFC – (absent)
NOHRSC – John Halquist
Deltares – Edwin Welles, Peter Gijbers (Peter at NERFC for site support visit)
OCWWS – Randy Rieman (at NERFC for site support visit)
OHD – Joe Gofus, Chris Dietz

Pre-reading:

- Support log distributed on 8/26/09 via email to the chps_migration infolist.

1. Review Support Log

There are no major blocking issues.

Edwin has a more recent log dated 8/27 which is now available on the RFC support web site.

#43: CNRFC wanted to know whether or not it's worth installing the new config manager. PeterG recommended yes. The issue will be closed once PeteF has installed. Chris wanted to know how are we tracking the various software versions at different sites? Edwin will add a column for the Config Mgr.

#42: Should this be closed and if so how do we close it? Pete said they're seeing different results, but CNRFC accepts why differences exist; sometimes CHPS performs better. Lee provided some explanation for the results. Deltares doesn't want to add an extra test case to SAT; Edwin will get with Pete to define and capture the circumstances under which discrepancies are noted; then we can waive the failed test.

RandyR is writing up instructions on how to expand the disk partitions for the database, and will get them out to ABRFC and others early next week.

RandyR is currently working on CHPS backup procedures with Peter.

Action: Edwin to capture conditions under which Adjust-Q comparisons fail (issue #42) and distribute the info to the CAT.

2. Functional Evaluation of the September release

Edwin has compiled a list of items being worked on by Deltares-NL, but it was too long to send out without explanation. These items include things like new MODs, various bug fixes, Config Mgr updates, performance enhancements, IFD changes, workflow navigator, inclusion of HEC-RAS and ResSim.

Deltares is finding the list too large to include everything in the September release; they are requesting approval to delay some items until the November release. These items are:

1. Rating curves: Plan A (Sept) is to implement them as configuration files, much like NWSRFS does now. Plan B (Nov) is to ingest them like real-time data into the DB. It isn't clear where this requirement originated, and what the detailed requirements are. The topic has been discussed several times; the most recent was at the Sacramento workshop in April. Edwin agreed to document what Deltares perceives the requirements to be, and then distribute them to the CAT for review. Meanwhile CN, AB, and NE are ok with the proposal to defer; Chris will ask NW.
2. QC- and QP-Shift MODs would be impacted by a change to r-curve solution. Makes sense to hold off implementing these mods until after the r-curve change. AB, NE, and CN do not use these mods. Chris will ask NW.
3. Units in XML files are metric so we need to change them to English. Note this change will require re-running the migration scripts when complete. CN, AB, and NE are ok with this plan; Chris will ask NW.
4. Some "techniques" (FEWS run-time options) related to turning on/off some model activities related to diagnostic output. Settings will be fixed at "off". Other techniques related to run length control, saving carryover, etc. will make it into the Sept release. CN, AB, and NE are ok with this plan; Chris will ask NW.

Edwin agreed to distribute his list of functionality to the chps_migration list for review. The CATs are interested in making sure nothing has been forgotten.

Action: Chris to seek feedback from NWRFC on deferral of functions above from the September release to the November release.

Action: Edwin to document requirements for ingesting and storing rating curves in the FEWS database rather than storing them as configuration files; then distribute to the CAT for review

Action: Edwin will distribute to the CAT his list of functionality for the September release

3. Coordinate dates for upcoming activities (October through January)

Oct 5-8: Software installations with remote/phone support from RandyR and PeterG. We will not install on Friday 10/9. CATs don't want installation on Monday 10/5; we suggested NHOR could be done then. Software installation does not require the next set of prototype hardware. CNRFC is ok with installation on Weds 10/7. Other CATs will provide Edwin with preferred dates.

Oct 13-16: User training is the week immediately following software installations. Would it be better to move this back a week? CN and NE both said no, they've already adjusted staff

schedules to match their respective dates. ABRFC and CNRFC site support is Oct 13-14; IFD training is Oct 15-16. NERFC IFD training is Oct 13-14; site support is Oct 15-16.

November 16-18: SAT. This release will contain pieces that fell out of the September release and the final IFD release. It's possible to delay this SAT without impacting overall schedule because of the usual Christmas/New Year disruptions. **CAT agreed to move SAT to the week of Dec 7, with software installations at CAT sites the week of Dec 14.**

Complication: the AGU is the week of Dec 14; Edwin will look into getting someone else from Deltares to help RandyR support the software installations. Chris and Edwin concluded we don't need the entire IFD team for this SAT. We also suggested involving some CAT-IIs to witness/accept testing of the BOC-II models; Chris and Edwin will continue to discuss offline. Chris also remembered a request from Gary that we find something during this next SAT to demonstrate to Jack Hayes; she'll follow up with PPC.

January 4 – 8, 2010: proposed date for next CAT workshop. We need to make sure it doesn't conflict with the AMS or the national HIC meeting. There will still be a lot of topics to discuss, such as Calibration. We should continue with CAT workshops for a while, especially during the parallel operations period. The CAT-II workshop in January should be canceled; they won't be ready for a workshop until after their migration training which isn't until February.

Action: CATs to provide preferences for software installation dates during the period 10/5-10/8.

Action: Edwin will look into getting someone else from Deltares to help RandyR support the software installations the week of Dec 14.

Action: Edwin and Chris to discuss CAT-II/field attendance for the December SAT

Action: Chris to look further into hosting a brief visit by Jack Hayes during the next (September) SAT.

Next meeting: Thursday September 3, 2009 at 11:00 am EDT.