

Minutes from CHPS Meeting Thursday June 10, 2010

Attendees:

ABRFC – Eric Jones
CNRFC – Rob Hartman, Alan Haynes
NERFC – Rob Shedd
NWRFC – Harold Opitz, Joe Intermill
NOHRSC – John Halquist
Deltares – Edwin Welles
OCWWS HSD – Randy Rieman, Dave Riley
OHD – Pedro Restrepo, Jon Roe, Chris Dietz

Pre-reading:

- Support Log distributed via chps_ops on June 9, 2010

1. Health check on Support Log (major issues, show stoppers)

No new major issues/show stoppers.

Action: none.

2. June release

Beta release was delivered on Tues June 8 to NE and NW.

NERFC found some minor installation issues. Installation took about 2 hours; along with some manageable configuration work to use the new features NR estimates the installation can be done in a morning.

They began testing this morning; so far nothing major has been found. Rob and Ron are both testing (Alison and Tom are at NWRFC in training).

Rob said they experienced an OC exit/crash this morning, This has happened about 6 times in the last 2-3 weeks at NE. They thought the common environment was twin-view; but now the crashes are occurring with triple-view. At one point it was daily so they increased memory from 512 to 1024 which seemed to fix the problem. However they're now back to 512 memory (done as part of the installation process) which is supposed to be sufficient now that the memory leaks have been fixed. ABRFC has not experienced the crashes, but we thought it might be because they have new AWIPS workstations. NHOR also has new AWIPS workstations but they have seen crashes; they also have a recent fix from AWIPS. Edwin said he will find out from Deltares-NL which files to collect when this happens.

Last Friday NERFC wasn't able to upload its configurations. There is another issue which Rob suspects might be local – several OCs are showing they started with yesterday's warm start. This wasn't on all workstations, only some. They tried removing the local data store but that didn't work. Rob will investigate further. Edwin will ask if anyone has seen it in Delft. NW hasn't noticed anything like this.

NWRFC began testing yesterday and sent a summary of problems encountered at the end of the day. Installation glitches were mostly minor. The system did die overnight; they're just bringing it back up now.

Overall the mods synching issue seems to be working. NWRFC exercised this fairly heavily and were unable to find a situation where it didn't work.

NW might not run NE-specific tests, such as the flash flood functionality, because they don't use it. They will also probably do the SA tests on a live system.

The T0 thing seems to work. The new icon might not work quite the way they want.

One issue needs to be investigated and fixed: when doing a rainsnow mod, when you change the date of the mod the effect of the mod stays in place. This was accomplished during "hooligan" testing. NE will try to replicate.

Otherwise they have only found a few small issues which are not fundamental stoppers.

As an aside Harold reported that the VNC solution now works – responses are “blazing fast” compared with what they were doing before. He is working with the COE to write an exception/waiver for VNC because it isn't currently on the COE's list of blessed software. NWRFC expects to train the Seattle office in use of the CHPS GUI.

Both NERFC and NWRFC expect to complete testing by the end of the week. If all goes according to plan, ABRFC and CNRFC will get the release next week.

Action: Edwin will provide a list of files to RFCs to collect when a sudden OC crash/exit occurs.

3. Development Registry

Edwin confirmed with Andre that all BOC-I and “unavoidable” items can go into the September release. It will take Andre's team a little over one month to complete; with software and documentation, etc it will need a little over 2 full-time staff months. Allowing for staff availability, this translates to 2.5 months. We will revisit these calculations at the CAT call on July 8 to see what changes are needed. We can then assess if Deltares can take on any additional items for the September build.

Deltares and OHD would like to call the September release “the CHPS BOC” release, or “CHPS 1.0”. It does *NOT* mean anyone will stop working on other items in the development registry! We know there is plenty more to do. We simply want to start identifying and passing milestones from a contractual perspective.

The CAT agreed to this proposal.

Question: has CNRFC done much ESPADP testing? Not much; Pete has begun. NWRFC will probably end up using ESPADP because they can't get an enhanced Graphics Generator in time; the graphics aren't ready for prime time and Hank appears to be overwhelmed with work. CNRFC says the ESPADP adapter needs work; they will send details to someone in OHD. OHD will make sure the necessary resources are available.

Action: CNRFC to provide OHD with details regarding ESPADP adapter changes needed.

4. Other items

- i. CAT-II workshop agenda isn't available yet. We discussed sample topics at the last CAT workshop; Chris posted the ideas to the CAT-II and asked for feedback. Tom Adams provided a few ideas. Edwin will send a draft agenda. Our focus should include: 1. here's how the CAT offices plan to go operational with CHPS; 2. CAT-II's must start thinking about what has to be in place for their RFCs to go operational with CHPS.

Action: Edwin to send out a draft agenda for the CAT-II workshop in Boulder.

Next meeting: Thursday June 17, 2010.