

## Minutes from CHPS Meeting Thursday November 20, 2008

### Attendees:

ABRFC – Billy Olsen, Mike Pierce  
CNRFC – Rob Hartman, Scott Staggs  
NERFC – Rob Shedd, Ron Horwood  
NWRFC – Harold Opitz  
NOHRSC – John Halquist  
Deltares – Karel Heynert  
OCWWS – Randy Rieman  
OHD – Jon Roe, Chris Dietz, Joe Gofus

### Pre-reading:

- None

### 1. Preparation Workshop #3 – keep with HIC meeting or not?

The HIC meeting has been moved to the week of 23 Feb; we should not wait till then to have another CHPS workshop. Agreed to have a 3-day workshop in Silver Spring on January 27, 28, and 29 2009. Chris will update the calendar and distribute.

On a related topic, Billy raised a question about the need/scope of the planned national Implementation Workshop #1 targeted for Tulsa in the Spring of 2009. This would be the first CHPS-focused meeting for non-CAT RFCs. Billy pointed out that they are unable to host that large a group if everyone requires access to a computer.

Note there's also a "National CHPS Conference" on the schedule for Summer 2009 – would we need two national gatherings within a few months of each other? Some discussion points:

- Two national conferences within a few months of each other is overkill.
- There is much value in getting everyone together in a single location at once (morale boosting).
- Don't forget the plan now includes conducting a Webinar (aka the "marketing package") in February for all RFCs.
- Since the intention of holding a national meeting is for the CAT RFCs to demonstrate to the other RFCs what they're doing with their own CHPS, it would be better to hold off beyond March/April if possible. Specifically, CNRFC prefers to demonstrate something more mature.

### Conclusion:

1. ~February 2009: conduct webinars (single package, presented multiple times) for all national RFCs; this will provide a general introduction. Give other RFCs a heads-up

that Deltares will be soliciting data/information from each RFC in order to create their individual pilot basins.

2. Hold the CHPS Implementation Workshop #1 as planned in March/April in Tulsa with only CAT RFCs, not all RFCs.
3. Around April (Deltares) begin developing pilot basins for the follow-on RFCs. This requires a good 6 months of effort. Use GoTo meetings and bilateral meetings (between Deltares and individual RFCs) to keep them engaged and acquiring some of the concepts.
4. Hold a "National CHPS Conference" in the Summer, at a location to be determined later. CAT RFCs will demonstrate to the other RFCs progress on their own CHPS. Chris and Karel will put together a proposal containing specifics for this national kick-off venue.
5. Begin to deliver/install pilot basins in Oct/Nov 2009 in preparation for Migration training for follow-on RFCs the following January 2010. Deltares will provide all support to the other RFCs through the end of 2009; then CAT support will begin to pick up at the end of 2009/early 2010.

Action: Chris to update calendar and distribute

Action: Chris and Karel will put together a proposal containing specifics for the national kick-off venue in Summer 2009

## 2. Coming up: software installation @ NERFC

Status of IP addresses: there's a problem. AWIPS wants all the RFCs, NMTR, and NHOR to have a standard set of IP addresses. They propose the .3x or .4x range (i.e. .30 - .39 or .40 - .49). RFCs differ in the extent to which they use the .3x and .4x addresses. One complete CHPS at any given RFC will need enough IP addresses for 6 boxes, plus extra floating IP addresses. Although the CAT RFCs have already allocated some of the .4x addresses, the group agreed to vacate them for CHPS. There are too many .3x addresses in use. Randy agreed to coordinate with the other RFCs one by one to make sure their .4x addresses are made available for CHPS. We need to get the message out that CHPS requires the .4x addresses.

Will the December software installation include removing older CHPS software from the RPs? Deltares/Frederik and RandyR will work together to develop un-installation instructions for these.

Cables for CAT sites to attach the prototype hardware to the KVM Console in the REP Rack are now on order.

Action: RandyR to coordinate with all RFCs to vacate the .4x IP addresses

Action: Frederik and RandyR to develop un-installation instructions for older FEWS and CHPS software currently on the RPs at CAT sites.

## 3. Reviewing action items: approach

There are over 150 open action items. Chris and Karel are trying to whittle them down (eliminate duplicates, register those which have already been closed, etc.) outside of this forum and using a weekly conference call to monitor. We will be looking for status on the remaining open items and to assign due dates, making sure to address the most important actions first. When the action item list is in a better shape, Chris will post on the wiki.

Action: none (already an existing action to post the open list to the wiki page)

#### 4. Hydro XML - update

Ref. discussion item #4 from meeting CHPS held on November 6. Laurie Hogan reported that the ER team decided not to pursue WaterML. This group is trying to post short term ensembles to a web page using hydrologic-focused XML, and was interested in generating something usable for CHPS. There might be an AHPS proposal related to this work. RobS agreed to find out the current status of the group's work.

However, CHPS isn't quite ready yet to define exactly what it needs. The CAT repeated a desire to extend WaterML for CHPS and beyond, because of the potential major benefits. For example, there is a large amount of Water Quality information already available. Working with any standards-based organization is never easy; if it turns out the consortium refuses our request (highly unlikely) then we can extend WaterML ourselves anyway.

John Halquist agreed to discuss our desire to extend WaterML (and join the consortium?) with CUAHSI at the AGU this year.

Action: RobS to contact Laurie Hogan to get an update on the status of the ER group's XML work

Action: JohnH to discuss NWS's desire to extend WaterML with CUAHSI at next AGU meeting.

#### 5. Other items

##### 1. XEFS update

The first in a series of conference calls will take place tomorrow between Deltares and OHD. We will start with a very early document from Albrecht on the approach/plan for XEFS into CHPS.

##### 2. Plan for HEC-RAS testing?

Karel confirmed that HEC-RAS testing will be covered by the Software Acceptance Testing in Silver Spring next month. The target date for Ed Capone to travel to OHD will be covered in the test plan and procedures document, which is not yet complete. Once it's ready Karel will send the document to JoeG and Chris; then it can be distributed to the list.

##### 3. Secure copy

Karel reported that Deltares has implemented secure copy on their server. Now JoeG's team can test; once testing is complete OHD can distribute the scripts.

4. CHPS slide presentations

Harold presented a large set of slides to BPA yesterday.  
RobS used RobH's presentation for his own presentation to the Corps recently.  
Jon will use Harold's slides to develop a presentation for the new OS&T Director (Berchoff) scheduled for December 8.

**Action: none**

*Note: Action items from this and all previous meetings are contained in the "ActionItems" document maintained and distributed by Chris Dietz, OHD.*

Next meeting: Next Thursday is Thanksgiving – no meeting. Next meeting will be Thursday 12/4/08.