

Notes from CAT-II Meeting Tuesday September 8, 2009

Attendees:

APRFC, MBRFC, NCRFC, MARFC, OHRFC, LMRFC, SERFC, WGRFC, CBRFC were all represented.

CAT members present: ABRFC, NERFC, NWRFC

Also present:

Chris Dietz, OHD HSEB, CHPS Project Manager
Joe Gofus, OHD HSEB
Edwin Welles, Deltares

Document reference:

1. Draft agenda for CAT-II workshop Oct 1-2, 2009 (attached to email announcing this meeting)
2. Status report for August, contained in email announcing this meeting. Individual status items addressed below.

Agenda:

1. CAT-II workshop (see reference 1.)
 - 1.1. No changes requested
2. Next CHPS Software Acceptance Testing
 - 2.1. Scheduled for 3 days during week of Sept 21. Focus will be IFD; more testing scheduled for December
3. IFD User/Forecaster training
 - 3.1. CAT-only training is scheduled for week of Oct 13 (12th is a federal holiday). Goal is to train most or all of the staff. Goal is to have NWSTC participate in ABRFC's training Oct 15-16; Chris will contact Scott Tessmer to discuss.
4. OHD Software Development
 - 4.1. BOC-II models are ready for testing; expect to test during December SAT (w/c Dec 7). Suggest that we include one or two RFCs who use the majority of the models (analysis shows NCRFC), plus someone who's familiar with API-CONT, and GLACIER; we may want to share results of GLACIER model testing with APRFC and leverage another opportunity to witness the tests (e.g. HIC meeting).
5. Deltares Software Development

- 5.1. Focus is still on IFD, with some changes to the Migration scripts. Any further performance enhancements are on temporary hold while we focus on SAT activities.

6. ABRFC Local App Development

- 6.1. Progressing well; some successes experienced when retrieving regular time series data from the FEWS operational database, using the new API. HSEB is also prototyping this as part of the Graphics Generator work.

7. Hardware

- 7.1. No updates. Chris's expectation: hardware will be delivered directly to each RFC sometime soon after Oct 1 2009.

8. Graphics Generator

- 8.1. HSEB announced a 10-week slip, due to need for OHD to do extra work that Deltares has no spare capacity to support at the moment (CHPS BOC is higher priority).

9. Support & Maintenance

- 9.1. Focus is still on IFD, with some changes to the Migration scripts.

10. Other items

- 10.1. CHPS Training in FY 2010 – CHPS will request support from the AHPS/WR budget for 2 people per RFC to attend the Migration training in February, although the ARC and Gary Carter have the authority to limit the level of funding to 1 person per RFC. RFCs can supplement with their own funds. The Migration training will be held at the NWSTC, so we have to be careful that enough hardware is available; we'll also look into pairing the CAT-II RFCs with their "buddies". Other CHPS training is expected during the course of FY 2010 but details are not yet known. The annual call for training needs is from NSTEP and is separate from the CHPS-planned training, although NSTEP can contribute to CHPS training where it makes sense and is feasible.
- 10.2. Will NWS receive a copy of the FEWS source code? The NWS anticipates acquiring a copy of the source code, but it will not be used as the basis of any software development (we do not want to diverge in any way from the rest of the FEWS user community – Deltares would not support any unique version of their software). Preliminary discussions with Deirdre Jones in 2008 revealed that OS&T SEC would require a copy of the FEWS source code if CHPS is to become part of the AWIPS software baseline.
- 10.3. For the upcoming workshop: Is there a shuttle from the airport to the hotel? E-mail sent by Billy Olsen after the call indicates there's No shuttle service. Attendees should share cars whenever that's feasible; everyone flying into Tulsa will send details to Chris, who will attempt to organize everyone into groups with one person volunteering to hire/drive the car.
- 10.4. Some CAT-II RFCs have not received the account code to charge their travel for the workshop; Chris will forward.

11. Next CAT-II conference call: Tuesday Sept 22, 11:00 am EDT.

Action Number/Item	Who	Notes
C2-03102009-01: Capture changes to BOC-II from this meeting; distribute updated version of BOC-II document	Rob Hartman	Closed (updated version emailed on 3/10/09 to cat_2 infolist)
C2-03102009-02: Distribute “matrix” from the OHD (“national”) Forcings Team, which describes CAT strategy/requirements for transition to CHPS in the absence of NWSRFS pre-processors	Harold Opitz	Closed (matrix emailed on 3/10/09 to cat_2 infolist)
C2-03102009-03: Each CAT-II RFC to prepare initial version of their entry for the Forcings “matrix”	CAT-II attendees	Closed (all responses received via email by 3/24/09)
C2-03102009-04: Get statement from Deltares whether FEWS has capability to identify sensitive/proprietary data that must be excluded from external reports (BOC requirement)	Harold Opitz	Closed (email sent by Chris on 3/24/09 to cat_2 infolist).
C2-03102009-05: Distribute notes from this meeting to the cat_2 infolist	Chris Dietz	Closed (emailed on 3/10/09 to cat_2 infolist)
C2-03172009-01: Distribute notes from this meeting to the cat_2 infolist	Chris Dietz	Closed (emailed on 3/20/09 to cat_2 infolist)
C2-03242009-01: distribute to all of the CAT-IIs instructions (also script?) originally developed by Joe Ostrowski for the purpose of identifying NWSRFS operations in active use	Chris Dietz	Closed (emailed on 3/25/09 to cat_2 infolist)
C2-03242009-02: review list of operations to make sure they’re accurate; please notify RobH if any critical operations are missing	All CAT-IIs	Closed (emails received)
C2-03242009-03: review list of operations in BOC-II doc to make sure it matches the original script output we gathered	Chris Dietz	Closed (emails received)
C2-03242009-04: update (correct, complete) the Software Migration Mapping document; distribute the updated version to the cat_2 infolist	Deltares/Edwin Welles	Open.

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C2-03242009-05: Compile and distribute to the CAT-II a matrix showing every RFC's response for AI # C2-03102009-03	OHD/TBD	Closed. Sent via email by Mark Glaudemans to cat_2 infolist on 3/27/2009
C2-03242009-06: Time series output from HL-RDHM must ingestible into CHPS; HSMB will define a format (e.g., SHEF) for said HL-RDHM output and change the HL-RDHM software accordingly	OHD/HSMB	Open/Pending; HSMB has received the necessary details, but the requirement isn't needed until beyond February 2011.
C2-03242009-07: For agenda April 7 meeting: report from NERFC on their investigation into a replacement HWG process.	Rob Shedd	Closed. Presented as part of the 4/9/09 monthly briefing.
C2-040720090-01: Find out status of Baseflow implementation in OHD (incl MODs)	Chris Dietz	Closed. Now irrelevant, since no RFC uses BASEFLOW.
C2-040720090-02: Check to see if cat_2 infolist is working correctly. NCRFC reports not receiving some mailings.	Chris Dietz	Closed per email from Mike DeWeese on 4/22/09.
C2-041420090-01: Send out an email on preparing for CHPS prototype hardware IP addresses	Randy Rieman	Open
C2-041420090-02: Send out documentation to cat_2 infolist on ER approach/procedures for RFC site backup	George McKillop	Closed by email to cat_2 infolist on 4/20/09.
C2-041420090-03: Send list of Techniques used to Chris (including esp)	CAT-II	Closed (OBE).
C2-041420090-04: Let Chris know if you use IHABBS and if so, which version	CAT-II	Closed 4/29/09
C2-04212009-01: Forward to the cat_2 list documentation on DailyQC's algorithm to fill in missing station data.	Mark Glaudemans	Closed 7/30/09 via email
C2-04212009-02: Come up with an alternative mechanism to define Techniques that are in operational use at all RFCs; solicit results from all RFCs	Deltares/Edwin, Joe Ostrowski	Closed. Report provided at meeting on 4/21/09

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C2-04282009-01: Draft a list of Techniques and distribute to CAT-II	Deltares/Edwin	Closed. List created 5/13/09
C2-04282009-02: Review and provide feedback on list of Techniques from AI # C2-04282009-01	CAT-II	Open. List sent to CAT but did not send yet to CAT-II
C2-04282009-03: Determine a single XML format for describing rating tables for ingest into CHPS; send examples using the agreed format to Deltares/Edwin	Harold, Mike DeWeese	Open/Pending. Deltares needs to change the design for ingesting rating tables into FEWS. Solution expected in December 2009; XML will be specified once this is in place.
C2-04282009-04: Distribute functional requirements document for USGS rating tables retrieval and processing.	Dave Reed	Closed. Forwarded to the cat_2 infolist on 4/28/09
C2-04282009-05: Come up with a proposal for ingesting NOHRSC SMWE data into CHPS to meet OHRFC's requirement	CAT	Open
C2-04282009-06: Add to the next CAT call agenda an item to discuss a national approach for alternative to IHABBS as a basin delineation and UHG development tool.	Chris	Open. Due date 4/30/09