

Notes from CAT-II Meeting Tuesday April 7, 2009

Name of RFC representative in attendance:

APRFC	Scott Lindsey
CBRFC	Michelle Schmidt
LMRFC	Dave Reed
MARFC	Peter Ahnert
MBRFC	Tom Gurss
NCRFC	Mike DeWeese
OHRFC	Tom Adams (Craig Hunter absent)
SERFC	John Feldt
WGRFC	(absent?)

CAT members present:

CNRFC	Rob Hartman
NWRFC	Harold Opitz
ABRFC	Billy Olsen
NERFC	Rob Shedd

Also present:

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

Document reference: "Baseline Operational Capability II For CAT RFCs", Version 20090324, distributed by Rob Hartman via the cat_2 infolist.

Agenda:

1. Review of sections within the referenced BOC-II document which were discussed during the Implementation workshop last week in Sacramento
 - 2.1. Section on existing preprocessors
 - Suggestion during today's meeting was that CAT-II might be better off letting CATs work their way through the issues. One of the later meetings in 2009 will provide an opportunity for the CAT to share "lessons learned" with the CAT-II.

- APRFC said they wish to engage Eric Anderson to get his analysis concerning approach to preprocessors. CHPS does not have the budget to pay for these services; furthermore any science questions related to CHPS must go through Pedro. APRFC agreed to approach OHD HSMB about engaging Eric through Mike Smith.
- 2.2. Section on NWSRFS Operations
 - BASEFLOW isn't a mandatory requirement for BOC-II. OHD has already done some work on this; depending on the amount of work to be done, it might or might not be worth the effort to finish it up. Chris will look into its status.
 - Use of HL-RDHM was discussed as it applies to generation of FFG. The goal is to bring in functionality through existing capabilities. It's more a question of grid management rather than true hydrology. PCRaster with a Sacramento model has been suggested as a potential option. The FFG subsystem will not be ported from NWSRFS to CHPS. NERFC will be testing snow applications in HL-RDHM.
 - Headwater Guidance is an operational requirement for at least MARFC and MBRFC. 1, 3, 6, 12, and 24 hour products are all needed. WFOs are dependent on this product so we can't drop it. We are trying to locate more documentation/information on the FFH (originally by Tim Sweeney) so we can reproduce in CHPS. As a CAT, NERFC will be the first to implement a solution.
2. Continue discussion of the referenced BOC-II document
 - 2.1. Section on Run-time MODS
 - Add API-CBASEF, API-CCO.
 - Must remember that these are supposed to be ones which are currently used/really needed operationally
 - 2.2. Section on Post-processing and product generation
 - The problem is too big for us to standardize on a solution at the moment. BOC will aim at gXSETS from ABRFC as a short-term solution. Vision is to implement an evolutionary phased solution, and leverage the FEWS environment. CHPS is working on an API for EPG and other future applications; that's where the future of XSETS (and others, such as GIFTS from OHRFC) lies. Goal is to get to BOC first – output data in a format so local applications won't break.
 3. Rob Hartman will update and distribute the BOC-II document based on discussions from this meeting.
 4. Chris will distribute notes from this meeting.
 5. **Next meeting: Tuesday April 14 at 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)

Action Number/Item	Who	Notes
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 exchanged on 3/17/09). Update 3/24/09: Chris to send to CAT-IIs the answer from Deltares for this AI
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	4/7/09: Chris has received responses from MARFC, WGRFC, OHRFC, MBRFC, LMRFC, CBRFC. Waiting for confirmation from SERFC, NCRFC, APRFC
C2-03242009-03: review list of operations in BOC-II doc to make sure it matches the original script output we gathered	Chris Dietz	Waiting for confirmation from SERFC, NCRFC, APRFC
C2-03242009-04: update (correct, complete) the Software Migration Mapping document; distribute the updated version to the cat_2 infolist	Deltares/Edwin Welles	Open.
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

Action Number/Item	Who	Notes
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.
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	Open
C2-040720090-02: Check to see if cat_2 infolist is working correctly. APRFC reports not receiving some mailings.	Chris Dietz	Closed. APRFC is receiving messages OK (email confirmation received). The problem is likely intermittent.