XEFS Planning Meeting – 3 September 2009

Attendees: Xuning Tan, Rob Hartman, Julie Demargne, DJ Seo, Satish Regonda, Kevin Werner, John Schaake, and Mark Fresch

HMOS
Mark announced that Gautam will be implementing and testing the changes to the HMOS model adapter. An additional person was needed since the HMOS and EnsPost changes are being delivered (from HSMB to HSEB) close to the same time.

EnsPost
DJ has working executables for EnsPost and enspost_cp, the EnsPost calibration program. He and Hank found a memory problem which is related to ESP. DJ is still validating (regression testing) the new version vs. the research version, but only with historical data. There are small differences DJ needs to discuss with Hank. The changes are being done in C++.

XEFS Calibration
Julie D asked how XEFS components will be calibrated. The plan for now is to use existing applications. The consensus was that in order for a component to be considered HEFS, the component will also need a new calibration component to allow the sites to do the calibration.

EPP3 Field Testing
EPP3 has passed integration testing. Hank and others are going to run one more test, an end-to-end test, with a simulated CNRFC test-bed.

The next step will be for Hank and company to provide an EPP3 delivery to CNRFC for initial field testing, including installation procedures. Rob noted that CNRFC is very busy with CHPS migration; so, we agreed to a date of Oct. 5th for the delivery. Mark asked that the installation at CNRFC be done by someone other than Rob so that the installation procedures can be reviewed by a non-EPP3 expert.

GFS netCDF grids
DJ reported he'd asked John Schaake to send GFS netCDF hindcast files to Albrecht in order for Albrecht to test whether they can be read into FEWS.

Graphics Generator
The initial delivery of the Graphics Generator will be delayed at least one month for a few reasons. First, we're waiting for Deltares to fix a bug which allows access from the Graphics Generator to the Firebird database (vs. an Access

database). Second, due to staffing priorities for Deltares, Hank will need to recreate a charting tool for the Graphics Generator which will allow x-axes with non-time series data (vs. having Deltares extend the IFD charting tool.) Also, the thumbnails created by the Graphics Generator will likely need to be shown on the IFD along with IFD created thumbnails. We will demonstrate the need for this to the CAT during the week of the next SAT (the morning of Monday, Sep. 21st). Hank cautioned that the initial delivery of the Graphics Generator will be for feedback not part of the baseline.

Mark Fresch