

XEFS Planning Meeting – 11 June 2009

Attendees: Rob Hartman, Mary Mullusky, Albrecht Weerts, John Lhotak, Xuning Tan, Julie Demargne, Limin Wu, Hank Herr, and Mark Fresch

John Lhotak and Kevin Werner

Mark Fresch introduced John Lhotak to the group. Mark explained that John and Kevin Werner will be joining the regular meetings and helping field test EPP3 (the off-line version) at CBRFC.

EVS – CAT II Implementation Workshop

At the up-coming CAT II Implementation Workshop, Julie and James will be presenting examples of real-time verification images, not analogue diagnostics EVS. The purpose of this is to get feedback from the RFCs on the images. Julie will coordinate with Chris or Edwin on the time and length of the presentation.

Graphics Generator API

Edwin asked when HSEB needs the Graphics Generator. Mark replied as soon as possible. We agreed Hank and Andre would talk on Thursday and Friday of next when Andre is here. Hank will discuss an agenda with Andre this week (i.e. before Andre travels).

HMOS and EnsPost

Mark said the integration of the newer HMOS and EnsPost needs to start soon and asked DJ (not present) to hold a meeting soon with Hank. Rob said

EPP3 Hindcasting

A major topic of conversation at this meeting was to be how EPP3 can be run in hind-casting mode. However, since John Schaaque was not present, the topic was only briefly discussed. In a past meeting, John said he didn't think it was possible to run EPP3 in hind-casting mode because of work flow and data issues. However, the group said hind-casting with EPP3 should be possible if EPP3 with some procedural changes. However, the hind-casting capability is not needed immediately.

EPP3 can be used for hind-casting if it thinks it is doing a forecast (vs. a hind-cast). Also, even though the older data (perhaps in another format) is needed data conversion is possible. Hank mentioned there may be a problem if only ensemble means are available from old data, but someone suggested tricking EPP3 into having every member be a mean. In that case, we may lose some diagnostic statistics, but Rob H said those statistics can be turned off and are only developmental. Limin asked if EPP3 uses something other than the mean, would that require a change to the model adapters. Hank replied no.

FEWS reading datacard format

Albrecht said FEWS could not read hind-casting datacard files from Julie which she needs read into FEWS for the CAT Workshop in 2 weeks. The problem is that FEWS can't read datacard files containing ensemble forecasts. Albrecht said he'd look into changing the FEWS datacard reader, but that solution likely won't be ready in time for Julie and the workshop. After the teleconference ended, Edwin and Hank said FEWS data card reader may also make some erroneous assumptions about the time for temperature data.

EPP3 Adjusted Schedule

After an OHD Management Meeting with Mark and John, the EPP3 Integration Testing will be as follows:

- 1 Integration Testing will proceed without the EPP3 code that handles the CFS temperature grid
 - a A new precipitation executable will be used
 - i Due from Limin/John to Rob H by today 6/11.
 - ii Rob H agreed to please off-line within 2 weeks of receiving with the existing temperature executable and let us know how it works
 - iii Xuning/Hank complete integration testing
 - b Existing temperature executable
 - i Xuning/John/Limin to meet to discuss possible control file change [meeting occurred and no changes are needed]
 - ii Any control file changes should be done by the end of this week - well before Rob H is done testing [n/a]
 - iii Xuning/Hank complete integration testing
- 2 EPP3 with CFS temperature grids is due to Rob H by June 30th for off-line testing. Hopefully the off-line testing will be done by July 15th

Hank asked Rob to provide GRIB1 .acfs and .agfs files (data date March 23/4th) output by the new executable. [Done.]

Mark Fresch