

XEFS Planning Meeting – 13 August 2009

Attendees: Chris Dietz, DJ Seo, Limin Wu, Gautam Sood, Edwin Welles, James Brown, Hank Herr, Satish Regonda, Xuning Tan, and Mark Fresch

HMOS

Satish and DJ will provide updates to HMOS by next Friday (August 21st).

EnsPost

DJ said he has a set of recommended enhancements to EnsPost. He's already reviewed the changes with CNRFC and will set up a conference call to discuss with CBRFC next week.

EPP3 Model Adapters and Integration Testing

Xuning acquired new configuration files from Limin in order to run EPP3 and get location sets temperature grids. Xuning also tracking down a bug.

GFS netCDF grids from NCEP

DJ reported Scott (NCEP) is looking into getting the files distributed operationally.

Verification / EVS

Mark asked the group what's the next step to getting this project beyond a prototype. Chris D said integration of EVS into the CHPS baseline, and merging of existing IVP capabilities with those of EVS, depends on the existence of a decent data archive system at the RFCs. We don't have that yet. The near term solution for the CHPS Archive DB is likely a combination of the FEWS DB and the RAX. For the longer term solution, Chris explained that Julie Myers had finished gathering archive DB requirements under OSIP project 07-054, which has now been merged into OSIP project 07-059 (RFC AWIPS Configuration), the IWT lead for which is Mark Glaudemans. Project 07-059 is supposed to provide the necessary information for AWIPS to engineer a solution for the RFCs, one component of which will be a data archive.

Chris added that in a separate project, NOHRSC (John Halquist) is interested in prototyping an inter-agency archive solution in the name of IWRSS - its focus will therefore be broader than just the RFCs. I expect NOHRSC to kick off a prototype project in FY10, to include at least one RFC running CHPS. In a meeting with HEP last week I suggested that we (HSEB, HEP) have a preliminary discussion with NOHRSC to get more information.

Graphics Generator

Guoxian Zhou is now helping code plug-ins for the Graphics Generator. Separate meetings for an IFD and Graphics Generator demos are being held next week. Hank reported that Deltares (Andre) is scheduled to deliver an updated IFD API within days [done 8/19]. However, the spatial displays requirement will be difficult for Deltares, because the IFD model adapter expects

time series data from the Graphics Generator. One solution is for the Graphics Generator to use JFree Chart to create it's own chart (vs. via the IFD). That would be a significant undertaking by Hank and company, and the result would be a different look and feel for the product (than IFD images). Another solution is for Deltares to change the IFD / Graphics Generator API which would be a significant undertaking by Deltares. Edwin will discuss with Hank and Andre. This issue needs to be solved in order for the Exceedance Probability Plot to be created for Phase 1 (i.e. by Oct 09).

Mark Fresch