ISST Conference Summary
January 31, 2006
Team members present (P) and not present (NP):

(P) Greg Mann (team leader)
(P) Jim Nelson (backup team leader)
(NP) Karl Jungbluth
(NP) Brad Colman
(P) Tom Salem
(P) Steve Keighton
(P) Dan St. Jean
(P) Jeff Medlin
(P) Ken Falk
(P) Bill Ward
(NP) Lee Anderson (facilitator)

Round Robin

Three offices testing GMOS. An evaluation was sent to the team and should send comments to Tom by 2/3/06. The team will get the material transferred to a web form and possible host it at WRH.

One of the team members saw an AWIPS RC from WRH on the BOI Verify program written by Tim Barker. WR is moving forward with testing the program in the region. It has been posted to the Smart Tool Repository.

Work is being done on the NWs AR IFPS IOC.

It was noted that NDFD wind verification statistics have improved substantially in the day 4-7 timeframe according to MDL.

Roadmap Sub Teams

A list of sub-team contact points for the items was sent to the team.

Day 4-7 Assessment – **Ken & Steve**
Gridded MOS Assessment – **Tom & Karl**
RTMA Assessment – **Jeff & Steve**
GFE System Enhancements – **Dan & Ken**
Centralized Bias Correction and Smart Init – **Dan & Jim**
OCONUS AoR – **Bill & Jim**
Gridded Verification – **Jeff & Tom**
GSD Updates – **Bill & Dan**

Individuals should contact one another to get things rolling.

DFP outline

The team started going through the original requirements paper again; and noted that many of the same issues and needs exist. Progress has been made on many fronts; and the team can address some of these items in the context of the DFP as a "report card" of sorts as well as further advocation.

Plenty of discussion occurred on probabilistic forecasts and potential requirements. The team decided that it should probably address the primary probabilistic issues and how we might make progress toward a prototype operational system. Some major questions to pose and issues to tackle:

What do you do, when the event is not captured by the distribution?

What meaning does the mean have for an area the size of a CWFA?

Statistical post-processing needs to occur on the entire system, not on each member then compiled like the current Ensemble MOS. Where do "high impact" events fall within the PDF?

This list is not exhaustive. The team thought that there needs to be an evaluation of PDFs of parameters like MaxT/MinT/PoP in the extended time to examine their resolution, reliability, effectiveness, usability, etc. Some of the sub-teams could start writing about their topics in the context of the DFP and the original requirements paper.

One of the issues is how do we do more with less? How do we become more efficient? Can the forecast process evolve in such a way to accommodate methodologies and tools that allow us to get better and do more at the same time?

The next call is on 2/7/06.