

# **RFC Development Management Teams**

**HIC Meeting  
January 25-27, 2005**

# Archive Database

## ■ Team Status

- FY05 team – Julie Meyer, Arleen Lundsford, Patty Wnek, Randy Rieman, Ai Vo
- Will look at requirements derived from RFC Hydrologic Data Archive Team report
- Will develop, test, and deliver OB6 and OB7 software

# Archive Database

- National/team support
  - Software
    - RAXUM – RFC developed software
    - OHD – shefdecoders, verification, others deemed necessary by OCWWS/HSD
  - Hardware: RFC support paradigm practically identical to the WFO archive servers.
    - a. Spares stocked at NLSC
    - b. basic OS restore and hardware checkout of replacements at NRC/NLSC, prior to shipment to sites
    - c. NCF monitoring of up/down status
    - d. onsite restore to operational status not clearly defined.
    - IBM - standard 3 year hardware parts and labor warranty agreement. Machines delivered mid CY2003.
    - Draft Integrated Logistics Support Plan by end of Feb.

# Archive Database

- RFC Use – Dec. 2004
  - Survey by Julie Meyer (10 responses)
  - Most offices have it set up and running
  - Some running verification
- Database Issues – PostgreSQL vs. Informix
  - Will be reviewed after OB6 in the field
- National Verification Software Performance
  - Should improve based on faster platform and software enhancements

# RDM Teams Status

- RFC Enhancement of Advanced Communication Technologies
  - Use of FX-Connect, Web Brief
  - SR agreed to close out this team in Dec. 2003
- Development of WHFS Data Sharing Strategies
  - Pieces to collect data and send them to region server, and to download data and create Informix database completed.
  - Data comparison and updating program not finished.
  - Efforts on hold pending conversion to Postgres and evaluation of if/how this might work with the NRLDB

# RDM Teams Status

- Multisensor Precipitation Estimator Operations Team
  - Team began looking at technical solutions for transferring adaptable parameter/precipitation bias/MPE climatology information from the RFCs to the WFOs.
  - Needed MPE Concept of Operations for WFOs
    - Kevin Low (CR) drafted and got comments from team
    - Jeff Zimmerman and Kevin are looking at refinements
  - Team currently on hold until concept of operations approved

# RDM Teams Status

- Websites – A Unified and Consistent Approach
  - Developed prototype region-wide precipitation analysis and graphics and FFG graphics
  - Now discussing expanding graphics to include CR and ER areas
    - Looking for resources for region web farms
  - Relationship to AHPS Web Pages
    - Phase II requirements include designing precipitation web page
    - Will consider prototype for web page
    - Other considerations – NPVU graphics, NMQ project

# RDM Teams Status

- Archive Data Requirements Team
  - Almost done – waiting for comments from regions
- NDFD Preprocessor Team
  - Charged with developing requirements for a preprocessor to take NDFD data and turn it into time series to be used by NWSRFS
  - Team completed ~ June, 2003
  - Team recognized importance of getting the grids but just how to get the grids was outside scope of team