

# NRL Aircraft QC Kick-Off Meeting

## 11/16/10

- I. Brief presentation on implementation package by Branch Chief/Team Lead/Code Manager
  - a. Presentation provided by S. Bender
- II. Overview of charter and what makes this implementation unique from others
  - a. Charter needs to be created to document what gets tested, evaluation recommendations, etc. DiMego/Keyser
- III. Status of TIN
  - a. Investigation pending to determine if TIN is required and/or what the notification requirement might be. B. Cosgrove
- IV. Implementation Planning Questions/Topics
  - a. CPU and Disk – on the MB scale.
    - i. Current CPU and disk requirements – will find out
    - ii. Estimated change in CPU and disk requirements (including /com, HPSS, etc) – MB scale
    - iii. Requirement for Ops to retain the output on the CCS – status quo
    - iv. Requirement for adding additional output from this package to the operational RUNHISTORY jobs for HPSS – status quo
  - b. Post Production and Product Generation Requirements (status quo?)
    - i. Data and product dissemination plan - Investigation needs to occur if Prep BUFR files made available. Geoff D. will decide whether or not to solicit feedback on this output.
    - ii. New products created? - N/A
      1. If yes, will these new products require GEMPAK or other development?
    - iii. User expectation for data output and possible changes to status quo
  - c. CNVGRIB requirements (I have to ask!!) – N/A
  - d. Downstream Dependencies
    - i. List all downstream model dependencies – all data assimilation systems
    - ii. List all downstream product dependencies – N/A
    - iii. List all other downstream dependencies – GSD, NAM, GFS and Verification code managers use the output from this QC program.
  - e. Data Flow requirements
  - f. Development Testing
    - i. List all testing (regression or IT) that has been completed thus far – running scripts and jobs in parallel
    - ii. Preparation of scripts and jobs for R2O transition – standard practices being followed to prepare for implementation. SDM needs to test functionality as this is a tool that is used operationally.
    - iii. Address incorporation of operational IT testing that was completed during the last implementation. – N/A

- iv. Bugzilla findings – N/A
- g. Parallel Evaluation Recommendations
  - i. Evaluation that has occurred outside of EMC thus far (if any) – NRL and GSD
  - ii. Length of time based on scientific and software changes – If it works out, it could be run concurrently with GDAS parallel to test and evaluate. Otherwise, a 30 day parallel is not required. Testing for functionality with a sample of NCEP systems is sufficient.
  - iii. Recommended evaluators – Code managers for NAM, GFS, RUC and possibly a few other NCEP systems to determine output is satisfactory.
- h. Discussion of remaining schedule