

Session 5 – Enhancement to the Operational Environment

ATCF/AWIPS2 Plans/Development: Brian Strahl (JTWC), Mark DeMaria (NHC), Frank Marks (HRD)

Mark DeMaria, National Hurricane Center – Outline for Introductory Remarks

- ATCF continues to be the primary system for the NHC Hurricane Specialist Unit (HSU) product generation
- Three main data display/product generation systems at NHC
 - ATCF, N-AWIPS, AWIPS2
 - ATCF and N-AWIPS are mature and specialized systems
 - AWIPS2 – primary system used by NWS WFOs
- No new N-AWIPS development by NWS forthcoming
 - N-AWIPS to AWIPS2 – major transition effort by NHC next 2 years
 - Parallel with GOES-16/JPSS preparation
- Investigative effort underway to transition ATCF capabilities into AWIPS2
 - 1-contractor effort supported by HFIP
 - Initial emphasis on data translation
 - A/B/E/F decks to AWIPS2 database and exported back to ATCF format
 - Next step is to develop AWIPS2 GUI and model display
 - 3-year goal – Initial data import/export and guidance display capabilities in AWIPS2 baseline
 - 5-year goal – Test HSU product generation in AWIPS2