68th Interdepartmental Hurricane Conference

Working Group for Hurricane and Winter Storms Operations and Research (WG/HWSOR)

Dr. Ed Rappaport
Deputy Director, NHC
Chair, WG/HWSOR

and

Col. Gary Kubat
Deputy Director, Air Force Weather, for Federal Programs
Executive Secretary, WG/HWSOR
Action Item Review

• 68th IHC Action Items
  – 14 New Action Items
    o 12 Items Closed, with 6 requiring NHOP updates
      • (#1) NHC and CPHC to notify JTWC prior to issuing Special Tropical Weather Outlooks (update NHOP)
      • (#3) NHOP format changes in reconnaissance chapter:
        ▪ Replace a figure and text to become current
        ▪ Minor changes to vortex message format (to MAX WIND and “MAX OUTBOUND”); add storm center dropsonde wind direction and speed at splash to Remarks section; use “mb” rather than “hPa”
      • (#9) New NHOP requirement for aircraft reconnaissance missions to provide radar imagery to forecast Centers
        ▪ Requirement can’t be met in full at this time due to technical (e.g., bandwidth) constraints.
        ▪ NHC (leader), AOC, CARCAH and 53 WRS to develop proposal to support obtaining resources to meet requirement fully
Action Item Review

• 68th IHC Action Items
  o Closed items (continued)
    • (#10) Update NHOP storm name list
    • (#11) CHAT administrative process
    • (#13) Revise DoD Air Traffic Services Cell contact information and description in NHOP
    • (#14) Update NORAD aircraft transponder codes in NHOP
    • (#7) One item withdrawn
  o 4 Informational Items also Closed
    • (#4) Rename a wind speed probability product; increase temporal resolution of probability products to better handle curving storm tracks
    • (#5) Eliminate Intensity Probability Table product due to potential misinterpretation at coastline
    • (#6) Move 5-day Tropical Weather Outlook product from experimental to operational; new associated experimental graphics
    • (#8) Begin mixed-case text for Tropical Cyclone Discussion and Tropical Weather Outlook products
Action Item Review

• 68th IHC Action Items
  o 2 Items Deferred
    • (#12) FAA Directed Separation Changes
      ▪ Proposal to resolve several multi-year issues not approved. FAA goal to resolve through internal coordination within 45 days. OFCM to explore option for NOAA senior leadership request for NOAA aircraft to be recognized under MARSA flight rules.
      ▪ (#2) One item lacked its advocate (winter storm/Wash DC gov’t closure)
Action Item Review

Old Action Items

67th IHC

- 10 Items remaining all Closed
  - (#18) Mixed-case text products (same as 68th IHC #8)
  - (#'s 9-16) Eight aviation items to be subsumed by 68th IHC #12
  - (#8) One item withdrawn

66th IHC

- 3 Items Closed
  - (#8) MAX WIND in VORTEX MESSAGE (Same as 68th IHC #4)
  - (#11) Use of “EYE”, “CENTER”, …in VORTEX MESSAGE
  - (#14) Issuance process for Invitational Travel Orders is working

- 1 Ongoing
  - (#13) OFCM to work with OSD/ATL to define procedures for NHOP coordination through OSD now that WC-130s are apportioned to SECAF (rather than TRANSCOM)
Old Action Items - continued

65th IHC

- Ongoing - Informational
  - Third year briefing on 3-year project to evaluate impact of AXBT data on model forecast performance. Conclusive results not yet available. Still small sample size. Project approved to continue.

62nd IHC

- Ongoing
  - MOA between USAFR and NOAA. OFCM will re-initiate discussion between AFRC and NOAA without TRANSCOM involvement due to recent apportionment change.
Acknowledgments

- Special thanks and farewell to Gary Kubat
- Ken Barnett and Daniel Melendez for technical assistance
- Will Odell for programmatic support