

**WORKING GROUP FOR TROPICAL CYCLONE OPERATIONS AND
RESEARCH
2020-1 MEETING
RECORD OF ACTIONS**

February 25, 2020, 3:30 P.M. EST
NOAA Aircraft Operations Center, Lakeland, Florida

Date of Issue: March 30, 2020

1. OPENING REMARKS

The WG/TCOR Executive Secretary, David Chorney provided opening remarks.

2. ACTION ITEMS

Ed Rappaport, the WG/TCOR Chair, presented and led the review of changes/actions submitted for the NHOP or other recommendations from WG members.

Item 1. Make 60-hour forecast information operational (NOAA item 19-01). **Approved.**

Item 2. Change advisory product headers to better match local time zones in the eastern Atlantic basin (NOAA item 19-16). **Approved.**

Item 3. Wind Speed Probability for southern Pacific tropical cyclones (NOAA Item 19-21). In order to provide Wind Speed Probability Graphics for the South Pacific (including American Samoa), and to apply tropical wording in the HPA gridded domain for the High Seas South Pacific, the wind speed probabilities need to be produced based on the JTWC forecasts for the South Pacific. **Informational item.**

Item 4. Addition of Graphic Depicting Potential Peak Surge (NOAA item 19-28). **Approved.**

Item 5. Spanish Translation of the “Key Messages” in TCD product (NOAA item 19-35). **Informational item.**

Item 6. Weather Reconnaissance Mission Identifier Clarification. **Approved.**

Item 7. USAF involvement in CHAT/HAT. **Tabled.**

Item 8. AF Reserve Weather Contact Info. **Approved.**

Item 9. Documenting Coordination with CPHC in the NHOP. Approved, but with changes to what was submitted in the "Note" to clarify reconnaissance versus research missions.

Item 10. Modify description of "cyclone number" in ATCF numbering for Potential Tropical Cyclones. **Approved.**

Item 11. Modify wording for numbering of advisories to include Potential Tropical Cyclone example. **Approved, but with revised list of examples.**

Item 12. Add aircraft reconnaissance mission type. Approved, but with revised wording to reflect "vector" wind.

Item 13. Protocols for UAS Flights Concurrent with Weather Reconnaissance Missions by Manned Aircraft. Following extensive discussion the following actions were recommended:

- Establish an ad hoc committee of representatives from appropriate agencies and organizations to discuss all issues and examine current practices of permitting and prohibiting UAS to operate concurrently with manned reconnaissance aircraft missions.
- Charge the committee to develop solutions and recommend new de-confliction policy and protocols for coordinating the release of low-altitude sUAS and dropsondes from high-altitude UAS when manned reconnaissance aircraft are operating simultaneously.
- Have the committee present results at the 2020 IHC/TCORF WG/TCOR meeting and submit corresponding revisions to Chapter 6 of the 2020 edition of the NHOP and possibly the Appendix F MOA if necessary. **Approved. Add that team comprises representatives of HRD (team lead), 53rd, CARCAH, NHC, AFRC, JTWC, CPHC, OFCM and AOC. First team call by 1 April. First draft by 1 July.**

Item 14. Miscellaneous Administrative Changes to NHOP Chapter 9. **Approved.**

Item 15. Changes for American Samoa. **Approved.**

3. OPEN DISCUSSION

Ed Rappaport, WG/TCOR Chair, opened the floor for discussion. No additional comments/issues were offered.

4. ACTION ITEM REVIEW

Ed Rappaport, WG/TCOR Chair, noted that a summary of actions from this meeting would be briefed in the closing session of the Forum.

2020-1.1. Establish an ad hoc committee of representatives from appropriate agencies and organizations to discuss all issues and examine current practices of permitting and prohibiting UAS to operate concurrently with manned reconnaissance aircraft missions.

- Charge the committee to develop solutions and recommend new de-confliction policy and protocols for coordinating the release of low-altitude sUAS and dropsondes from high-altitude UAS when manned reconnaissance aircraft are operating simultaneously.
- Have the committee present results at the 2020 IHC/TCORF WG/TCOR meeting and submit corresponding revisions to Chapter 6 of the 2020 edition of the NHOP and possibly the Appendix F MOA if necessary.

2020-1.2 Provide all approved changes for the NHOP to OFCM by April 15, 2020.

2020-1.3 OFCM publish the updated NHOP NLT 1 May 2020.

5. NEXT STEPS/CLOSING COMMENTS/ADJOURN

All proposed changes to NHOP are due to the Executive Secretary (via suggestion mode in on-line shared document) by 15 April. Target date for publication is 1 May.

Following the WG meeting, an action item was submitted by CPHC. Pending further internal NWS discussion.

Ed Rappaport, WG/TCOR Chair, thanked everyone for their participation. The meeting was adjourned at 5:00 p.m.