

ESCAP/WMO Typhoon Committee
Fifty sixth Session
27 February - 01 March 2023
Kuala Lumpur, Malaysia

FOR PARTICIPANTS ONLY
WRD/TC.56/7.2
16 February 2024
ENGLISH ONLY

**REPORT ON AMENDMENTS TO THE TYPHOON COMMITTEE
OPERATIONAL MANUAL**

(submitted by the Rapporteur)

Summary and Purpose of Document:

This document presents draft amendments to the Typhoon Committee
Operational Manual - Meteorological Component (TOM)
proposed by the RSMC Tokyo – Typhoon Center and the Members.

ACTION REQUIRED:

The Committee is invited to review and approve the proposed amendments to the TOM.

APPENDIXES:

- A) DRAFT TEXT FOR INCLUSION AT SESSION REPORT
- B) UPDATE OF THE TYPHOON COMMITTEE OPERATIONAL MANUAL

DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT

x.x Review of Typhoon Committee Operational Manual (TOM)

1. The Committee noted that the Typhoon Committee Operational Manual (TOM) rapporteur requests WMO to publish and upload the 2024 edition of TOM on the Tropical Cyclone Programme (TCP) Website as submitted by the Rapporteur, with the amendments given in Appendix **XX**.
2. The Committee also noted that the tropical cyclone forecast competency in the region is kept the same when added to the Compendium of WMO Competency Frameworks (WMO-No. 1209).
3. The Committee expressed its appreciation to the rapporteur for update of TOM.

APPENDIX B:**UPDATE OF THE TYPHOON COMMITTEE OPERATIONAL MANUAL**

1. The Typhoon Committee Operational Manual - Meteorological Component (TOM) has been reviewed and updated every year since its first issue in 1987. The 2023 edition was completed and posted on the WMO website in 2023 in accordance with the approval of amendments to the 2022 edition by the Typhoon Committee 55th session (7 - 9 March 2023, Macao China, video conference).
2. At the 55th session, the Committee decided that the rapporteur of the RSMC Tokyo - Typhoon Center in Japan Meteorological Agency (JMA) continues arrangements for updating the TOM. In this connection, on 21 November 2023 in advance of the annual revision of TOM, the rapporteur, Dr. ISHIHARA Koji of the RSMC Tokyo - Typhoon Center requested the focal points of the meteorological component of the Members to input on tropical cyclone analysis and forecast procedure by the NMSs.
3. Input on analysis and forecast procedure were submitted by fore focal points of Macao, China; Japan; Republic of Korea and Thailand.
4. On 9 February 2024, the rapporteur proposed some revisions, including reflection of the inputs from the members, to the focal points of the meteorological component of the Members and invited them to further provide comments for the revision and proposals for updates.
5. Proposed revisions, updates and amendments are embedded as a format of MS-WORD track-changes as attached in **Annex 1**. The major points of the revisions are given below:
 - Proposal by the RSMC-Tokyo – Typhoon Center
 - Delete of description in regular monitoring at RSMC Tokyo – Typhoon Center (Section 6.2)
 - Delete of description in procedures of regular monitoring at RSMC Tokyo - Typhoon Center (Appendix 6-B)
 - Proposal by the four focal points of Macao, China; Japan, Republic of Korea and Thailand
 - Update of the information on the technical specifications of radars of Typhoon Committee Members (Appendix 2-E)
 - Update of the information on the technical specifications of satellite operated by Typhoon Committee Members (Appendix 2-F)
 - Update of the products provided by RSMC Tokyo – Typhoon Center (Appendix 3-A)
 - Update of the information on the analysis methods, forecasting methods and NWP (Appendix 3-B)
 - Update of the information on the present operational status of the meteorological

telecommunication network for the Typhoon Committee region (Appendix 5-B)

- Update of the contact details (Appendix 5-C)
- Update of the list of collection and distribution of information related to tropical cyclones (Appendix 5-E)