

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

*(submitted by the Rapporteur)*

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**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.

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**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 2025 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 2024 edition was completed and posted on the WMO website in 2024 in accordance with the approval of amendments to the 2023 edition by the Typhoon Committee 56th session (27 February – 1 March 2024, Kuala Lumpur, Malaysia).

2. At the 56th 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 7 November 2024 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.

2. Input on analysis and forecast procedure were submitted by seven focal points of China; Hong Kong, China; Japan; Malaysia; the Philippines; Republic of Korea and Thailand.

4. On 20 January 2025, 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
  - Update of the call sign name of hourly marine meteorological observations (Section 2.2)
  - Update of communication method name for aircraft observation report (Section 2.5)
  - Update of the WMO manual name (Section 3.2)
  - Update of the description of the SIGMET (Section 4.5)
  - Update of the information on the list of names for tropical cyclones adopted by the Typhoon Committee for the western North Pacific Ocean and the South China Sea (Appendix 1-B)
- Proposal by the seven focal points of China; Hong Kong, China; Japan; Malaysia; the Philippines, Republic of Korea and Thailand
  - Addition of the information on the list of acronyms used in the operational manual – meteorological component - (Appendix 1-C)
  - 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 table on the satellite imagery receiving facilities at Typhoon Committee Members (Appendix 2-G)
- Update of the table on list of SAREP reports issued by Typhoon Committee Members (Appendix 2-H)
- 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)
- Correction of the description of standard procedures for the verification of Tropical Cyclone and forecast at National Meteorological Centers (Appendix 6-C)