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Recommendation 6 (JCOMM-4)

**AMENDMENT TO THE MANUAL ON MARINE METEOROLOGICAL SERVICES (WMO-NO. 558), THE GUIDE TO MARINE METEOROLOGICAL SERVICES (WMO-NO. 471) AND WMO NO. 9, VOLUME D, INFORMATION FOR SHIPPING**

THE JOINT WMO/IOC TECHNICAL COMMISSION FOR  
OCEANOGRAPHY AND MARINE METEOROLOGY,

**Noting:**

- (1) The International Convention for the Safety of Life at Sea (SOLAS), 1974, in particular Chapter V (Safety of navigation), Regulation 5 (Meteorological services and warnings) of the 2003 amendments, and the 1988 amendments to the Global Maritime Distress and safety System (GMDSS);
- (2) Manual on Marine Meteorological Services, WMO-No. 558, Volume I, Part I and II and corresponding annexes;
- (3) Guide to Marine Meteorological Services, WMO-No. 471, Chapter 3, Marine Climatology;
- (4) Weather Reporting Publication, WMO-No. 9, Volume D, Information for Shipping;

- (5) The final report of the Third Session of the JCOMM Expert Team on Marine Climatology (JCOMM/MR-No. 70);
- (6) Final Report, Sixth Session of the JCOMM Ship Observations Team (JCOMM/MR-No. 84);
- (7) The final report of the Sixth Session of the Services and Forecasting Systems Coordination Group (JCOMM/MR-No. 89);

**Noting also** the IMO Resolution A.1051(27) – IMO/WMO Worldwide Met-Ocean Information and Warning Service – Guidance Document;

**Recognizing:**

- (1) The obligation of countries that are signatories to SOLAS to provide meteorological warning and forecast services for shipping as specified in the Convention, for the safety of life and property at sea;
- (2) That the WMO GMDSS Marine Broadcast System needs to be constantly reviewed and updated to best meet the user requirements expressed by the International Maritime Organization, and in full harmony with navigational warning services for the GMDSS coordinated by the International Hydrographic Organization;
- (3) The recent development of the IMO/WMO Worldwide Met-ocean Information and Warning Service (WWMIWS), as well as the provision of sea ice information;
- (4) The effort to streamline and modernize the Marine Climatological Summaries Scheme (MCSS) through a new Marine Climate Data System (MCDS), as well as the revision in the Minimum Quality Control Standard (MQCS) and related practices;

**Recommends that:**

- (1) The amendments to the *Manual on Marine Meteorological Services* as detailed in the Annex 1 to this recommendation be approved and included in the appropriate parts in the *Manual*;
- (2) The amendments to the *Guide to Marine Meteorological Services* as detailed in the Annex 2 to this recommendation be approved and included in the appropriate parts in the *Guide*;
- (3) The amendments to the *Weather Reporting Publication*, WMO-No. 9, Volume D, Information for Shipping as detailed in the Annex 3 to this recommendation be approved and included in the appropriate parts in the *publication*;

**Requests** the Expert Teams of JCOMM to continue to review propose further amendments of these Technical Regulations, and to provide technical assistance to the Members/Member States concerned, as required;

**Requests** the Secretary-General of WMO to:

- (1) Provide technical advisory assistance to Members/Member States concerned, as required and within available resources, in the implementation of the revised regulations and standards;
- (2) Continue interaction with the International Maritime Organization, International Hydrographic Organization, International Chamber of Shipping, Inmarsat and other organizations and bodies concerns regarding the operation of the system.

**Annex 1 to Recommendation 6 (JCOMM-4)**

**Modifications to the Manual on Marine Meteorological Services – WMO No. 558**

## **[ In Appendix I.15 ]**

In the title, replace IMMT-IV by IMMT-5, and “(Version 4)” by “(Version 5)”

In note (b), replace IMMT-II by IMMT-2; replace “(FM 13-XIV)” by “(e.g. FM 13)”

In the table, in the last column “Coding Procedure”:

For element 15, replace “Tens and units of knots” by “Units of knots”.

For element No. 64, add the following code values at the end: “B- FM 13-XIII” and “C- FM 13-XIV Ext.”; delete (more version needed here)

For element No. 65, replace IMMT-I by IMMT-1, IMMT-II by IMMT-2, and IMMT-III by IMMT-3; replace “4 – IMMT-IV (this version)” by “IMMT-4 (in effect from Jan. 2011)”, and add the following code value at the end: “5 – IMMT-5 (in effect from June 2012)”.

For element 86, replace MQCS-I by MQCS-1, MQCS-II by MQCS-2, MQCS-III by MQCS-3, MQCS-IV by MQCS-4, and MQCS-V by MQCS-5; replace “6 = MQCS-VI (this version, to be agreed)” by “6 = MQCS-6 (Version 6, November 2009) JCOMM-III”, and add a new line: “7 = MQCS-7 (Version 7, in effect from June 2012)”

For element No. 87, replace “(000-360); e.g.” by “(001-360); e.g.”, and remove the line “000 – No Movement”

For element 104, add the following line at the beginning “0 – No Automated Weather Station (AWS)”