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## Resolution 6 (Cg-17)

### COMPETENCE REQUIREMENTS FOR MARINE WEATHER FORECASTERS

THE WORLD METEOROLOGICAL CONGRESS,

**Noting:**

- (1) The request of the Sixteenth World Meteorological Congress to the technical commissions to make the development of competence standards for personnel a priority,
- (2) The *Abridged Final Report with Resolutions and Recommendations of the Fourth Session of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology* (WMO-No. 1093), general summary, paragraphs 8.4.1 to 8.4.10 and Recommendation 5 (JCOMM-4) – Quality Management Implementation for JCOMM,
- (3) The *Abridged Final Report with Resolutions of the Sixty-sixth Session of the Executive Council* (WMO-No. 1136), general summary, paragraph 4.1.63,

**Considering** that the Secretary-General distributed the draft Marine Weather Forecaster (MWF) Competence Requirements to members of the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) for review and approval for submission to Seventeenth Congress,

**Considering further** that JCOMM members supported the submission of the Marine Weather Forecaster Competence Requirements for adoption by Seventeenth Congress,

**Approves** the inclusion of Competence Requirements for Marine Weather Forecasters in the *Technical Regulations* (WMO-No. 49), Volume I, Part II, Chapter 5, as recommended practices and procedures;

**Requests** the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology:

- (1) To finalize the amendment to the *Technical Regulations*, with assistance from the Secretariat, in time for publication of the 2015 edition;
- (2) To develop relevant guidance material to support the implementation of the competency requirements, in particular practical guidance on the MWF competency assessment, similar to the guidance prepared for the competency of aeronautical meteorological personnel, and make it available to Members;

**Requests** the presidents of regional associations to consider the needs of their Members for training in the competency assessment of Marine Weather Forecasters;

**Encourages** Members concerned to prepare competency assessment programmes for their MWF personnel and, as appropriate, include this as part of their quality management arrangements.

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## Annex to Resolution 6 (Cg-17)

### COMPETENCY REQUIREMENTS FOR MARINE WEATHER FORECASTERS

**Note:** These are the minimum competency requirements to effectively perform the duties of a Marine Weather Forecaster (MWF). National personnel qualification requirements for MWF may be set at a higher level, e.g., to be also degree qualified.

**Note:** The marine environment includes the open and coastal seas (including the surf zone), estuaries, large lakes, rivers and their interfaces with the land and the atmosphere.

The MWF should have successfully completed the Basic Instruction Package for Meteorologists (BIP-M) or relevant parts thereof.

Within the context of these conditions:

- For the area of responsibility refer WMO-No. 558, *Manual on Marine Meteorological Services*, Volume 1 – Global Aspects and Volume II, Regional Aspects;
- In consideration of the impact of meteorological phenomena, variables and parameters on marine operations; and
- In compliance with marine user requirements, international regulations, local procedures and priorities.

The MWF should be able to (competence requirements):

1. Analyse and monitor continually the marine weather situation;
2. Forecast marine weather phenomena, variables and parameters;
3. Warn of hazardous marine meteorological phenomena;
4. Ensure the quality of marine meteorological information and services;
5. Communicate marine meteorological information to internal and external users.

**Note:** As these competency requirements are recommended and generic to all providers of marine weather forecast and warning services, no priority is stated to either the phenomena or parameters. Any priorities are established by the Marine Meteorological Service.

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