# Version 2 – To be submitted to MSC 100

**Annex**

# WMO guidance for Member States and IMO Auditors

*This document outlines the guidelines for Member States and auditors in relation to SOLAS 1974, regulation V/5.*

1. **Met-Ocean Maritime Safety Information (MSI) and marine weather services**

Mandatory practice

Please complete the following relating to the provision of met-ocean MSI and marine weather services. (Answer as Yes, No or Partial, and comments should be added where appropriate)

1. Do you provide marine forecasts and warnings for ports and coastal waters within your national jurisdiction?

If answer is No, please outline reasons for not providing marine forecasts and warnings for your national jurisdiction? *[Proceed to section 2 on observations from ships]*

Mandatory practice

If answer is Yes to either of the above, proceed with the following questions:

1. Do met-ocean forecast products include wind information?
2. Do met-ocean forecast products include sea state information?
3. Do met-ocean forecast products include information about reduced visibility?
4. Are warnings for wind speeds greater than Beaufort 8 (34 knots) issued?
5. If you have seasonal occurrence of ships reporting on ice accretion hazards in your area, do you issue ice accretion warnings?
6. If annual or seasonal sea-ice (including icebergs) occurs in your area, do the forecast products include information about sea-ice?

Recommended practice

1. Do you provide specific assistance to authorities responsible for Search and Rescue?
2. Do you provide specific assistance to authorities responsible for Marine Environmental Emergency Response (e.g. oil spills, biological hazards)?

Mandatory practice

1. **Facilitating observations from ships**
2. Do you have a process to encourage vessels under your national flag to make and record weather observations, and to share these observations with the relevant meteorological service provider?

Recommended Practice

1. **Quality management of service provision**

Please complete the following related to management of marine weather service provision:

1. Are quality management systems implemented?
2. Is the responsibility for providing marine meteorological services officially assigned by your government, by decree or any other legal text, to an organization within your country? If so, please specify.
3. Are there regular meetings with relevant government agencies and marine users?
4. Is there regular assessment of the quality of marine meteorological services? (Quality may be defined as performance of accuracy, or the extent to which user requirements are met.)
5. Is there a process for reviewing and updating the information pertaining to your national marine meteorological service in the documents: *Weather Reporting (WMO-No. 9), Volume D – Information for Shipping*, and the *GMDSS Master Plan*? (Auditor to record date of last review.)
6. Do you require Capacity-Building support to help develop your marine meteorological services? If the answer to this question is yes, please indicate in which aspect that support is required.

For countries with responsibilities for the IMO/WMO Worldwide Met-Ocean Information and Warning Service (WWMIWS)

1. **General administration information for the IMO/WMO Worldwide Met-Ocean Information and Warning Service (WWMIWS)**
2. Are you a METAREA Coordinator? If so, for which area? (If you answer no to this question go to question c and d.)
3. If you are a METAREA Coordinator, who are the Issuing Services and/or Preparation Services within your METAREA for EGC broadcasts?
4. Are you an Issuing Service?
5. Are you a Preparation Service?