

22nd Meeting of the IHO WWNWS Document Review Working Group

Submitted by Chair, WWNWS Document Review Working Group

SUMMARY

Executive Summary: This document contains the outcomes from the 22nd meeting of the IHO's WWNWS Document Review Working Group

Action to be taken: Paragraph 3

Related documents: Resolutions A.705(17) and A.706(17), as amended, respectively; MSC.1/Circ.1310/Rev.1, Interim BDMSS SafetyLink Service Manual

1. Background

- 1.1. The IHO's WWNWS Document Review Working Group (DRWG) held its 22nd meeting virtually from 12 – 14 March 2024.
- 1.2. The aim of the 22nd meeting was to develop a plan to decrease or eliminate the duplicate text contained in all MSI documents. Below are the actions and decisions.
- 1.3. Participants: Argentina, Australia, Canada, Chile, China, France, Greece, India, Japan, Malta, New Zealand, United Kingdom, United States, IMO, WMO, IMSO, Inmarsat, Iridium.

2. Discussion

- 2.1. The following is a list of actions and decision agreed to at the 22nd meeting of the WWNWS-SC Document Review Working Group (DRWG22).

Action 1 – Add the BDMSS SafetyLink Manual to the document review schedule and update document WWNWS15-4.8 – Document Review Approval Schedule and submit a new document to WWNWS16. Add a reference to the document review schedule for IMO resolution A.1051(27) (IMO/WMO Worldwide Met-Ocean Information and Warning Service – Guidance Document), which the WMO is reviewing in parallel. The aim for WWNWS is to approve the Interim SafetyLink Services Manual at WWNWS16. (Chair)

Decision 1 – In the Joint IMO/IHO/WMO MSI manual, delete paragraph 4.1.8 and add it as a new paragraph in section 4.2 as paragraph 4.2.4. Background: paragraph 4.1.8 is duplicate text also found in Resolution A.706, paragraph 4.1.5 (Decision 13 from DRWG21 deleted this duplicate text from A.706). Paragraph 4.1.5 and 4.1.8 state “Some of the subjects for navigational warnings listed in paragraph 4.2.3 (e.g. drifting ice and tsunami warnings) may also be suitable for inclusion in METAREA warnings or forecasts. In this event, appropriate

coordination between the relevant NAVAREA and METAREA Coordinators should occur.” DRWG22 determined that this text made more sense in section 4.2.

Action 2 – With respect to the BDMSS SafetyLink Service, discuss at WWNWS16 and, if practical, draft guidance for how information providers will promulgate navigational warnings for NAVAREAS only partially covered by the BDMSS service area. (Chair)

Action 3 – In Resolution A.705, figure 1 -- MSI Service of the GMDSS, recommend to delete “Sub-Area” from the Broadcast Services section because there is no C-code for a sub-area that information providers can choose. Alternatively, broadcasting to sub-area can be achieved by creating a user-defined area. In the yellow Broadcast Services section “Sub-Area” is in the block that has "NAVAREA, METAREA, and Sub-Area" and is below the Enhanced Group Call (EGC) block. (Sub Area 1) Update: Correspondence with Sub-Area 1 on 18 March 2024. Sub-Area 1 agreed with the recommendation to delete “Sub-Area”. Action complete.

Action 4 – In Resolution A.705, review paragraph 3.4 and decide whether or not to retain it. If retained, amend text to align with MSC 105/20, paragraph 12.10 and with the outcomes of MSC 108. Paragraph 3.4 states “Mobile satellite service providers recognized by the Organization should be used by all information providers broadcasting EGC, if sufficient to cover all NAVAREA/METAREA areas.” (WWNWS16)

Action 5 – In the Joint IMO/IHO/WMO MSI Manual, add navigational warning examples for maritime autonomous surface ships (MASS). (NAVAREA IV/XII)

Action 6 – In Resolution A.706, determine if the new paragraph 5.2.13, under Coordinator responsibilities, needs additional text to define and clarify what “contingency planning” means. (WWNWS16)

Action 7 – In Resolution A.706, paragraph 5.3 – Responsibilities unique to a NAVAREA Coordinator, discuss the addition of a new responsibility to address requests from Search and Rescue (SAR) authorities to promulgate SAR related information. (WWNWS16)

Decision 2 – In Resolution A.706, added paragraph 3.2.1.2 to address duplication of navigational warnings and that, in general, should be avoided. Paragraph 3.1.1.2: “In general, content should not be replicated across multiple warning types unless the NAVAREA coordinator determines a clear safety benefit to the seafarer.”

Decision 3 – In the Interim BDMSS SafetyLink Manual, change Figure 1 “BDMSS SafetyLink service system” to match the Figure 1 graphic from the Iridium SafetyCast Service Manual. Additionally, the “SAR Related Information” arrow should connect to the “BDMSS SafetyLink Service” box, not to the “Coordinated Broadcast Services” box. Change “Coordinated Broadcast Services” to “Coordinated Services”. In the blue box at the bottom, change “EGC Receiver” to “Type-approved BDMSS EGC Receiver”. Change the colors to match the colors in Figure 1 from the Inmarsat SafetyNET and Iridium SafetyCast Service manuals. Note: In the combined EGC manual, the Figure 1 title will change to “EGC Service”.

Action 8 – In the to-be-created consolidated EGC manual, in Figure 1– EGC Service System, remove references to satellite region and service region in the Broadcast Services section.

Broadcasts to those areas (satellite region (Inmarsat) and service region (BDMSS)), can be achieved by choosing “user-defined area”. Further, the “satellite region” broadcast option does not exist in SafetyNET II for information providers. (DRWG)

Action 9 – In the Interim BDMSS SafetyLink Service manual, align the definition list to the finalized version in A.705 (WWNWS15/4/2/1) and the finalized version of A.1051 (BDMSS)

Action 10 – In the Interim BDMSS SafetyLink Service manual, Figure 3 and Figure 4 – METAREAs and NAVAREAs with BDMSS SafetyLink coverage, create new, larger scale graphics that clearly detail the BDMSS Service Area. The new graphics do not need to include all 21 NAVAREAs and METAREAs. Use the same font size and line weights for both figures—increase the line weight in Figure 3 to match Figure 4. The new graphics should clearly detail each NAVAREA and METAREA that is located within the BDMSS service area. (BDMSS)

Action 11 – In the Interim BDMSS SafetyLink Service manual, add “partial” before NAVAREA/METAREA in:

- Paragraph 2.1.2, first sentence, change to “...latitude, which covers partial areas of NAVAREA/METAREA VIII, XI, and XIII.”
 - Also, in Paragraph 2.1.2, second sentence, change to “The area may be fixed, as in the case of the service area or coastal...”
- Paragraph 3.5, first sentence, change to “Each partial NAVAREA/METAREA...” (DRWG)

Action 12 – In the to-be-created consolidated EGC manual, harmonize with the final approved revision of A.1001(25) as appropriate. (DRWG)

Action 13 – In the Interim BDMSS SafetyLink Service manual, ensure references to coverage and service areas are correctly used—coverage area is not defined in the manual—and change as appropriate. They seem to be used synonymously and could be confusing. See paragraph 2.1.1, 2.1.2, and Figure 5 title. (BDMSS)

Action 14 – In the Interim BDMSS SafetyLink Service manual, add paragraph numbers to Appendix 2. (BDMSS)

Action 15 – In the to-be-created consolidated EGC manual and in the Interim BDMSS SafetyLink Service manual, delete reference to system broadcast in Annex 2, first page, under the paragraph titled Message Type: “SAR Authorities can select “Distress alert relay”, “SAR Coordination”, and “Urgency and safety communication” and “System broadcast””. (DRWG)

Action 16 – In the Interim BDMSS SafetyLink Service manual delete all references to the International Ice Patrol broadcasts. Harmonize references to the International Ice Patrol in the to-be-created consolidated EGC Manual (DRWG)

Action 17 – In the Interim BDMSS SafetyLink Service manual, add a new appendix, Appendix 4 – Procedure for amending the Interim BDMSS SafetyLink Service manual. Model the text after Appendix 6 in MSC.1/Circ.1364/Rev.2 (International SafetyNet Services Manual) (DRWG/BDMSS)

Action 18 – In the geospatially enabled WWNWS MSI global capacity viewer, which supports IHO publication C-55, encode Antarctica as inland. (NAVAREA IV/XII)

Action 19 – In the geospatially enabled WWNWS MSI global capacity viewer, include a read-me file with a disclaimer for country boundaries. (IHO)

Action 20 – In the Interim BDMSS SafetyLink Service manual, change mariner to seafarer throughout the document. (BDMSS)

Action 21 – In the to-be-created consolidated EGC manual, for Figure 2 – Basic concept of the EGC service, consider aligning it with Figure 2 from the BDMSS manual to match its four broadcast categories: NAVAREA/METAREA, Coastal Warning Area, User Defined Area, and Service Region. (DRWG)

3. Next DRWG meeting

3.1. The 23rd meeting of IHO WWNWS Document Review Working Group will be held virtually via Microsoft Teams from 11-13 March 2025.

4. Actions requested

4.1. Note the report.