

SUB-COMMITTEE ON NAVIGATION,
COMMUNICATIONS AND SEARCH AND
RESCUE
6th session
Agenda item 12

NCSR 6/12/9
22 November 2018
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**RESPONSE TO MATTERS RELATED TO THE RADIOCOMMUNICATION ITU R STUDY
GROUP AND ITU WORLD RADIOCOMMUNICATION CONFERENCE**

Liaison statement from ITU-R WP 5B

Autonomous maritime radio devices (AMRD)

Note by the Secretariat

SUMMARY

Executive summary: This document contains in the annex a liaison statement from ITU-R Working Party 5B (5 to 16 November 2018) concerning its work on a draft Recommendation on autonomous maritime radio devices (AMRD)

Strategic direction, if applicable: 2

Output: 2.1

Action to be taken: Paragraph 4

Related documents: None

Introduction

1 This document is submitted in accordance with the provisions of paragraph 6.12.5 of the *Organization and method of work of the Maritime Safety Committee and the Marine Environment Protection Committee and their subsidiary bodies* (MSC-MEPC.1/Circ.5/Rev.1) and provides comments on document NCSR 6/12.

2 This document contains in the annex a liaison statement from ITU-R Working Party 5B (5 to 16 November 2018), in particular, requesting advice on which applications should be categorized as Group A and Group B AMRD.

The applications for Group A and Group B AMRD are mutually exclusive. Therefore, a list of applications for Group A and Group B AMRD is essential. WP 5B developed a diagram of AMRD to assist further consideration (see the annex to the attached liaison statement).

WP 5B is of the view that some applications for Group B may be conditional in that they represent a certain level of hazard. For example, an oceanographic buoy of 100 kg steel may be considered Group A, but for instance a 5 kg plastic object may. Whether an application could be conditional is also significant in this work.

3 In the liaison statement, a reference is made to the document containing the preliminary draft of Recommendation ITU-R M.[AMRD], which is available on the ITU website. Delegates who do not have access to ITU documents could obtain an electronic copy of the document (English ONLY) through the Secretariat using the following email address: ncsr@imo.org

Action requested of the Sub-Committee

4 The Sub-Committee is invited to note the information provided and:

- .1 consider the list of applications for Group A and Group B AMRD;
- .2 provide information on whether these applications are conditional; and
- .3 review the work on AMRD in general and take action, as appropriate.

ANNEX

Radiocommunication Study Groups



Source: Document 5B/TEMP/266
Subject: WRC-19 agenda item 1.9.1

22 November 2018
English only

Working Party 5B

LIAISON STATEMENT TO INTERNATIONAL MARITIME ORGANIZATION AND INTERNATIONAL ASSOCIATION OF MARINE AIDS TO NAVIGATION AND LIGHTHOUSE AUTHORITIES AND COMITÉ INTERNATIONAL RADIO- MARITIME ON AUTONOMOUS MARITIME RADIO DEVICES

ITU-R Working Party (WP) 5B, at its meeting on 5-16 November 2018 continued its work on a draft Recommendation on autonomous maritime radio devices (AMRD) and provides it to International Maritime Organization (IMO), International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) and Comité International Radio-Maritime (CIRM).

1 Introduction

In considering future work on this matter, WP 5B seeks information on the following:

- the list of applications for Group A and Group B AMRD;
- the role of maritime identities and AIS Message type in determining the presentation of an AIS target on bridge navigation displays.

In order to progress further, WP 5B needs advice on which applications should be categorized as Group A and Group B AMRD. The applications for Group A and Group B AMRD are mutually exclusive. Therefore a list of applications for Group A and Group B AMRD is essential. WP 5B developed a diagram of AMRD to assist further consideration (see Annex). WP 5B is of the view that some applications for Group B may be conditional in that they represent a certain level of hazard. For example, an oceanographic buoy of 100 kg steel may be considered Group A, but the same if 5 kg plastic object would not. Whether an application could be conditional is also significant in this work.

Ensuring proper presentation of Group A AMRD targets on bridge navigation displays is important. WP 5B notes that both AIS message type and maritime identities may provide information on the target type and this may affect the symbol to be displayed. WP 5B is seeking advice on the relative importance of both these types of information in determining the symbol on a graphical display.

2 Action requested

IMO, IALA are invited to:

- Consider the list of applications for Group A and Group B AMRD.
- Provide information on whether these applications are conditional.

CIRM are invited to:

- advise on how the maritime identity and the AIS Message type determines which symbol is displayed on the bridge navigation display for an AIS target.

IMO, IALA and CIRM are invited to:

- review the work and take action as appropriate.

Status: For information and action, as appropriate

Deadline: 22 April 2019

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Attachment: Working document towards PDN Recommendation ITU-R M.[AMRD]

ANNEX

Diagram of AMRD in the regulatory framework

