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| From: ARM Committee | ARM11-13.0.2 |
| To: ENAV Committee | 13 March 2020 |

LIAISON NOTE TO ENAV

Assignment and use of identities in the maritime mobile service for AMRD Group B

# Introduction

ARM10 received a liaison note from ENAV24 in October 2019 (ARM10-3.19) as a drafted feedback to ITU. IALA had previously received a liaison statement from ITU on assignment and use of identities in the maritime mobile service for AMRD Group B using AIS technology (ENAV24-6.1.7.1 - ITU-R Document Annex 21 to Document 5B/712-E, 10 June 2019).

In its liaison statement ITU WP 5B informs IALA on its work towards the revision of Recommendation ITU-R M.585-7 “Assignment and use of identities in the maritime mobile service” to provide a numbering scheme for autonomous maritime radio device (AMRD).

# Discussion

The liaison note from ENAV Committee to ARM Committee is informing of the ITU proposal for a new numbering scheme for AMRD Group B. The proposed identities is 979YYYYY.

The ENAV Committee note is informing that these identifiers will distinguish between those used by AIS and those used by AMRD Group B, thus allowing for a combined display of AMRD Group B and AIS information on one screen and still being able to distinguish between devices.

This information diverged from the recent one contained in Annex 2 of the latest ITU-R M.2135-0 (10/2019). This document highlights that in order to avoid confusion and overload of information on the bridge of vessel, AMRD Group B should not be permitted to use designated frequencies for DSC, AIS 1 and 2. It also inform that signals and information originated by AMRD Group B will not be indicated on DSC, Radar, ECDIS or AIS.

In the eventuality that a combined display of AMRD Group B and AIS information on shipborne navigational displays is the way forward, the ARM Committee feel that additional guidance should be provided in order to develop proper AMRD Group B symbol and filtering options. Section 6 of the IMO Resolution MSC.191(79) is already considering the filtering of AIS targets but leave open the option for manufacturer to discriminate using CPA/TCPA or target class, without specifying them. This has led to undesired event, such as the triggering of shipborne display dangerous target alarm by a physical AIS AtoN, because some display have not the option to filter this.

Also of mention is the allocation of frequency 160.9 MHz (ch. 2006) for AMRD group B at the last WRC-19. This highlight that, in order to be able to display or filter the AMRD Group B information, there will be a need to make available the reception of this frequency, through upgrade, on shipborne AIS class A and B transponder.

# Action requested

The ENAV Committee is requested to ensure that proper filtering and unique symbol to be developed for AMRD Group B before this information is integrated into shipborne navigational display (SOLAS equipment).