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# INTERNATIONAL

# *ITU*

# Report of ITU-R WP5B

Note by the IALA representative Stefan Bober

#### INTRODUCTION

The ITU-R WP 5B from 7th to 18th November 2016 was the second meeting in the study cycle. IALA was represented by Stefan Bober. by kind permission of the Federal Waterways and Shipping Administration of Germany.

IALA had a specific interest in Maritime mobile service including Global Maritime Distress and Safety System (GMDSS) and radiodetermination service, with particular emphasis on the development of VDES, VDE-SAT, AIS and autonomous radio devices operating in the maritime VHF mobile band.

IALA had submitted three documents to ITU-R Working Party 5B (WP 5B), as follows:

* + - * Liaison Note to ITU-R WP 5B - Regarding the agenda item 1.9.2 WRC-19 (VDE-SAT).
* Liaison Note to ITU-R WP 5B - Regarding the Recommendation ITU-R M.3171-5 (AIS).
* Liaison Note to ITU-R WP 5B - Regarding the agenda item 1.9.1 WRC-19; (Autonomous Maritime Radio Device AMRD)

#### issues related to IALA work addressed during ITU-R WP 5B

##### Res 360 WRC 15 - agenda item 1.9.2 (WRC-19): VDE Satellite as component of VDES

WRC 15 Resolution 360 tasks ITU to conduct further studies regarding the VDE Satellite component of VDES (agenda item 1.9.2 WRC19)

The input document of IALA with the ongoing work on the studies on VDE Satellite was well received by WP 5B and constituted the basis for further developments during the meeting. Inputs from participants of the meeting were incorporated into the document. This document is held as working document towards a preliminary draft new Report on VDE SAT.

**IALA is invited to further contribute to the development of the study on VDE satellite.**

##### Res 361 WRC 15 – agenda item 1.9.1 (WRC 19): Autonomous maritime radio devices (AMRD)

WRC 15 Resolution 362 tasks ITU to conduct studies to identify, categorize and determine spectrum needs for maritime radio devices which operates autonomously in the maritime environment.

WP 5B continued the work to address autonomous maritime radio devices and their technical and operational characteristics. The liaison note from IALA on the categorisation of AMRD was well received. A liaison note from IMO on this issue is anticipated.

WP 5B drafted a questionnaire on the distribution and the applications of autonomous maritime radio devices. This questionnaire will be sent to Administrations of Member States of the ITU.

**A liaison note to IALA was drafted on that issue.**

**IALA is invited to note the** questionnaire **and to contribute to that work.**

##### Revision of Recommendation ITU-R M.1371-5

The liaison note from IALA was received. The revision of ITU-R M.1371-5 is placed on hold to allow for further input. Input to the revision of ITU-R M.1371-5 is expected in the course of the development of VDES in the next 2 to 3 years.

**IALA is invited to input to the revision of ITU R M.1371-5.**

##### IALA Maritime Radio Communication Plan

During its meeting WP 5B reviewed the working document towards a preliminary draft new Report ITU-R M.[MAR-RADIO] This document was carried over from the last study cycle and is based on previous input from IALA regarding the IALA Maritime Radio Communication Plan.

WP5B advanced the document to PDNR (Preliminary Draft New Report) status.

WP5B invites IALA

**A liaison note to IALA was drafted on that issue.**

**IALA is invited to note the work and take actions as appropriate. IALA may review their “Maritime Radio Communication Plan” and update the document in the light of the work at WP5B.**

#### RELATED DOCUMENTS

* Liaison to IMO IALA on AI 1-9-1
* Circular Letter on AMRD AI 1-9-1
* Liaison Statement to IALA on PDNR [MAR-RADIO]\_rev0
* PDNR\_MAR\_RADIO\_Rev\_ver1-E

#### IALA IS REQUESTED TO

**Note** the report on ITU-R WP5B **and the different liaison notes from ITU WP5B to IALA.**