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# INTERNATIONAL 30.08.2020

# *ITU*

# Report of ITU-R WP5B meeting 20th June to 30th July 2020

Note by the IALA representative Stefan Bober

#### INTRODUCTION

ITU-R Working Party 5B (WP 5B) - Maritime mobile service including Global Maritime Distress and Safety System (GMDSS); aeronautical mobile service and radiodetermination service - held its meeting from 20th April to 30th July 2020. This was the first meeting in the study cycle 2019 to 2023. The meeting was held as a web meeting due to the COVID 19 pandemic. Mr. Stefan Bober represented IALA.

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 VHF Data Exchange System (VDES), Automatic Identification System (AIS), Autonomous Maritime Radio Devices (AMRD) and Navigational Data for broadcasting maritime safety and security related information (NAVDAT).

IALA had submitted following documents to ITU-R Working Party 5B (WP 5B):

* + - * Liaison Note on Assignment and use of identities in the maritime mobile service for AMRD Group B
      * Multi country proposal on preliminary draft revision of Recommendation ITU-R M.2092-0 (lead by USA)

Two weeks, held virtually, 3:30 hours each day, 2:20 hours for each work item, e.g. 2092 and 1371,

The meeting were held as web meeting from 12:00 h to 16:00 h CEST each day. Due to that fact only limited meeting time for the drafting groups, were available compared to normal meetings. For example drafting groups had only 2:20 h meeting time in total.

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

##### Revision of Recommendation ITU-R M.2092-0 (VDES)

The multi-country proposal towards the revision of Recommendation ITU-R M.2092-0, which IALA co-signed beside 10 other countries, was generally well received at WP 5B. This document has been accepted as the baseline for further development. Two other input document have been received to that work item. Some countries expressed the need of more time to review the document due to the amount of proposals and the change in the structure of the document. Further input has been announced for the next meeting, especially on the VDE SAT component.

Thus, the document is now a working document toward the revision of Recommendation ITU-R M.2092-0 and is part of the chairperson’s report of the ITU-R WP 5B meeting and carried forward to the next meeting. The status as "preliminary draft revision" which would have allowed to be finalised during the next WP 5B meeting could not be reached. The revision is now expected to be finalised earliest at the end of 2021.

To foster the work until the next WP 5B meeting in November 2020 a "Correspondence Group" has been approved, with the mandate to discuss M.2092 until mid-October 2020, three weeks before the next WP 5B meeting). The results should be the input to that meeting.

* **Members of IALA ENAV WG 3 are encouraged to participate at the ITU WP 5B rev M.2092 correspondence group to support the work. A TIES account from the national ITU representation is required for that.**
* **IALA may update G1139 according to the development at ITU WP5B and is invited to further contribute to the work on the revision of Recommendation ITU-R M. 2092-0 as appropriate.**

##### Revision of Recommendation ITU-R M.1371-5 (AIS)

The working document towards revision of Recommendation ITU-R M.1371-5 was brought over from the last study cycle. WP 5B continued working on the document and considered input documents received. Especially proposed changes to Message 21 “AIS AtoN report” and new proposed message 29 “Single slot AIS AtoN report” as well as a proposed deletion of the alternative frequency requirements by channel management might be of interest to IALA.

Due to time constraints the work could not be continued very far. Liaison notes to IMO and IALA on the subject are planned for the next meeting.

* **IALA is invited to further contribute to the work on the revision of Recommendation ITU-R M.1371-5, especially on Messages 21 and 29, as announced in a previous liaison note to ITU.**

##### Revision of Recommendation ITU-R M.1798-1 (HF digital data exchange)

This Recommendation describes a MF/HF radio system and a HF data transfer protocol used in the maritime mobile service (MMS) for the exchange of data and electronic mail providing a similar functional capability to narrow-band direct printing (NBDP) and other features.

The revision of Recommendation ITU-R M.1798-1 introduces an additional system that provides point-to-point communication for shore-to-ship, ship-to-shore and ship-to-ship in the maritime HF band.

* **IALA may observe this development and inform their membership accordingly as appropriate.**

##### Revision of Recommendation ITU-R M.585-8 (maritime identities)

The working document towards revision of Recommendation ITU-R M.585-8 was brought over from the last study cycle. WP 5B continued working on the document and considered input on Assignment and use of identities in the maritime mobile service for AMRD Group B from IMO, CIRM and IALA.

The proposed revision provides a numbering scheme for autonomous maritime radio devices (AMRD).

It is expected that this revision will be finalised during the next WP 5B meeting.

* **IALA may observe this development and inform their membership accordingly as appropriate.**

##### WRC-23 agenda item 1.11 (Modernisation of the GMDSS and implementation of e-navigation)

WRC-23 agenda item 1.11 is to consider possible regulatory actions to support the modernisation of the Global Maritime Distress and Safety System and the implementation of e-navigation in accordance with Resolution 361 (Rev.WRC-19).

Resolution 361 (Rev.WRC-19) structured the task in three parts:

Resolve 1: to consider possible regulatory actions, taking into consideration the activities of IMO, as well as information and requirements provided by IMO to support GMDSS modernization;

Resolve 2: to consider possible regulatory actions, for the maritime mobile service, supporting e- navigation;

Resolve 3: to consider regulatory provisions, to support the introduction of additional satellite systems into the GMDSS.

WP 5B developed a work plan to address resolve 1 and 2 during the meeting. The work plan for resolves 3 will be developed by ITU-R WP 4C.

WP 5B will discuss the way forward for GMDSS modernisation and e-navigation regarding the studies about the spectrum needs and send liaison notes to IMO and other external organizations as appropriate.

* **IALA may observe this development and inform their membership accordingly as appropriate.**

##### Maritime Radio Communication Plan (MRCP)

IALA had sent a Liaison Note regarding “IALA Maritime Radio Communication Plan (MRCP)” to the ITU WP 5B meeting in November 2018.

Based on that input ITU WP 5B started working towards a draft new Report ITU-R [MAR-RADIO] “An overview of systems in the maritime mobile radiocommunication service and their mode of operation”. This work could not be finalised and will be carried on at the next meeting.

* **IALA is invited to further contribute to the work especially in the light of the results of WRC-19, which should be reflected in an updated document of IALA’s MRCP.**

#### RELATED DOCUMENTS

* WD towards revision of Recommendation ITU-R M.2092-0
* WD towards revision of Recommendation ITU-R M.1371-5
* WD Preliminary draft revision of Recommendation ITU-R M.585-7.

#### IALA IS REQUESTED TO

* **IALA is requested to note the report on ITU-R WP5B and act accordingly.**