

IALA COUNCIL
65th session



12-15 December 2017
IALA Headquarters

13 – INTERNATIONAL

13.2 – ITU WP5B

Note by the Secretariat

1. BACKGROUND

The IALA focus is on preparation for the World Radio Conference in 2019 (WRC 2019) and the securing of the frequency allocations for VDES, especially the satellite downlink frequencies

2. CURRENT ACTION

ITU-R WP5B met in the period 06 to 17 November 2017, at ITU Geneva. IALA was represented by expert Mr Stefan Bober, by kind permission of the German Federal Waterways and Shipping Authority.

His report on the meeting is at Annex A.

Three liaison notes were provided by IALA to this meeting, all approved by Council via email procedure. They concerned:

- VDES and satellite frequency allocations (refer to input paper C65-11.4.3.14)
- Maintenance of ITU document ITU-R M.1371-5 on AIS (refer to input paper C65-11.4.3.15)
- Autonomous maritime radio devices (AMRD) (refer to input paper C65-11.1.2.1)

The ENAV Committee prepared a briefing note on the importance of the VDES frequency allocations for distribution to IALA members in advance of the November meeting of ITU WP5B. This was distributed to members by email (refer to input paper C65-11.1.2.2).

3. COUNCIL MEMBERS ARE REQUESTED TO

Advise their national administrations dealing with preparation for WRC 2019 of the importance of VDES and in particular the maritime need for the satellite downlink frequencies.

Note the report in ITU-R WP5B.



ANNEX 1

WP 5B continued working during its session in Geneva 6th to 17th November 2017 on following issues relevant to IALA's work:

IALA sent input documents on VDE SAT, AMRD and Revision of 1371-5 to ITU WP 5B.

1) VDE SAT

IALA input was presented but further questioned by Russia. The report has both IALA's and Russia's opinion. The document is still preliminary draft new report and got not upgraded.

CPM text was developed in the similar way.

Russia is still questioning the PFD mask in ITU-R M.2092-0 and seems to be against VDE SAT at all. The Russian delegation involved WP 5A and WP 5C to revise their existing liaison statement on the protection criteria in 2092 to make the pfd mask more restrictive.

Positive: China turned to neutral/positive. They seem now to be interested in the development of VDES.

IALA: Further input is required. This should be dealt with during the ENAV WG 3 intersessional meeting in January 2018.

2) Revision of ITU-R M.2092-0

The revision is postponed until after WRC 2019 as IALA and other proposed.

Russia wanted to revise 2092 because of the satellite part but was the only one. They brought the decision to the WP5 level (higher level than WP5 maritime).

IALA: Input of working document towards revision of ITU-R M.2092-0 to WP5B in due time after WRC 2019

In the meantime the document should be further developed and after WRC 19 amended according to the output of WRC19

3) AMRD

WP 5B continued work on AMRD to further develop solutions for Group A and Group B AMRD.

AMRD Group A devices should operate on frequencies AIS 1 and AIS 2. Changes are proposed to Rec ITU-R M.585-7 to provide additional identities and to Rec ITU-R M.1371-5 to define appropriate transmission characteristics and a new draft message 28 for use by these devices only. At present both methods provide a means to identify the type of device, e.g. fishing net.

AMRD Group B will only be used for local communication, (a few nautical miles). WP 5B is therefore considering new frequencies in the band 156-162.05MHz for devices with low antenna height and low power;

- AIS technology: At least one 25kHz channel
- Voice telephony: At least one 25kHz channel
- Other technology: At least 25kHz bandwidth

IALA: A liaison statement to IALA was drafted and submitted.

IALA may wish to comment on the identified "Type of AMRD Group A" and the proposed "identifiers for AMRD Group A" as those may affect Mobile AtoN.

4) Revision ITU-R M.1371-5

WP 5B started work on the revision of ITU-R M.1371-5. IALA proposals were incorporated into the revision document but need further discussion.

The IALA representative chaired the work on the revision of 1371 during the meeting.

IALA: Continue to provide expertise on ITU-R M.1371.