

ITUWORKSHOPS

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1st ITU INTER-REGIONAL WORKSHOP
ON WRC-19 PREPARATION
(Geneva, 21-22 November 2017)

APT Preliminary Views on WRC-19 agenda items 1.1, 1.8, 1.9, 1.10 and 9.1 (Issue 9.1.4)

***Mr. Bui Ha Long,
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for WRC-19***



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APT Preliminary Views on WRC-19 Agenda Items 1.1, 1.8, 1.9, 1.10 and 9.1 (Issue 9.1.4)

Mr. Bui Ha Long, Chairman WP5, APT Conference Preparatory Group for WRC-19



A.I. 1.1 Amateur Service

◆ Preliminary View

APT Members are of the view that :

- Ongoing ITU-R studies relevant to WRC-19 agenda item 1.1 are supported.
- Spectrum need for the Amateur service in Region 1 should be clearly identified,
- Any changes made to the Radio Regulations under WRC-19 Agenda Item 1.1 shall not impose additional constraints on the existing primary allocations in the band 50 – 54 MHz in Region 3.

◆ Other view

None

◆ Issues for consideration of next APG meeting

APT members are encouraged to monitor the progress of studies at ITU-R WP 5A and to contribute to future APG19 meetings so that the APT Preliminary Views on WRC-19 Agenda Item 1.1 can be refined



A.I. 1.8 GMDSS

◆ Preliminary View

APT Members support the ITU-R studies on possible regulatory actions for GMDSS modernization to enhance maritime capabilities and the studies on sharing and compatibility with other services in the frequency bands and adjacent frequency bands under study and to ensure possible modification to the Radio Regulations to protect services to which the frequency bands are currently allocated without any constraints by additional GMDSS satellite systems, in accordance with the Resolution **359 (Rev. WRC-15)**.

Regarding resolve 1, APT Members support the incorporation of NAVDAT systems and NAVDAT frequencies, both MF and HF as described in Recommendation ITU-R M.2010 and ITU-R M.2058, into GMDSS. The existing frequencies used for NAVTEX should be retained

Regarding resolve 2, APT Members support the introduction of modifications to the Radio Regulations to provide for additional satellite systems should not have any impact on the existing services within the frequency band and the adjacent bands under study;



A.I. 1.8 GMDSS (2)

◆ Other view

Some APT members have the view that the listed frequencies of the additional GMDSS satellite provider in the Appendix 15 should be on primary basis

◆ Issues for consideration of next APG meeting

APT Members are encouraged to contribute their views, taking into accounts the ITU-R studies and APT preliminary views and submit contributions to the next APG meeting (APG19-3)



A.I. 1.9.1 AMRD

◆ Preliminary View

APT Members support the ITU-R studies on the spectrum needs, technical and operational characteristics, categorization, identifications of AMRDs and its applications, as well as the studies in relation to regulatory actions within the frequency band 156-162.05 MHz while ensuring the protection of the GMDSS and AIS, in accordance with Resolution **362 (WRC-15)**.

APT Members are also of the view that:

AMRDs which enhance the safety of navigation should be regulated for the use of frequencies and identities of the maritime mobile service;

AMRDs which do not enhance the safety of navigation, regulation of the use of frequencies, and technical and operational characteristics, should benefit both the user of devices as well as coexistence with maritime safety devices and applications. Identification of additional spectrum within the frequency band 156-162.05 MHz and a new numbering scheme which is different from those in the existing maritime mobile service should be considered;

Search and rescue aircraft system operating in maritime frequencies must be protected.



A.I. 1.9.1 AMRD (2)

◆ Other view

None

◆ Issues for consideration of next APG meeting

APT Members are encouraged to contribute to the next APG meeting on the A.I 1.9.1, taking into account the studies of ITU-R WP5B as well as the activities and information of the IMO



A.I. 1.9.2 VDES-SAT

◆ Preliminary View

APT Members support the ITU-R studies undertaken in accordance with Resolution **360 (Rev. WRC-15)** to identify possible new allocations to the maritime mobile-satellite service for VDES satellite component. In regards to the possible modification of the Radio Regulations under WRC-19 Agenda Item 1.9.2, APT Members are of the view that:

- Existing allocations and systems in the same and adjacent bands, especially the AIS, must be protected from harmful interference or any constraints, which include but are not limited to, any modification requested to existing AIS equipment;
 - Search and rescue aircraft system operating in maritime frequencies must be protected;
 - VDES satellite components downlink transmission should not degrade the terrestrial VDES components, ASM and AIS operations;
 - VDES satellite components should not claim protection from harmful interference caused by stations of a land mobile service to which frequencies are already assigned; and
 - If the spectrum needs were appropriately justified, new spectrum allocations could be identified to the maritime mobile-satellite service (MMSS) (Earth-to-space and space-to-Earth) with the provisions ensuring not to cause harmful interference and no claim of protection from incumbent service on a primary basis in the same and adjacent frequency bands.
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A.I. 1.9.2 VDES-SAT (2)

◆ Other view

None

◆ Issues for consideration of next APG meeting

APT Members are encouraged to contribute their views, taking into account the ITU-R studies and APT preliminary views, and submit contributions to APG19-3



A.I. 1.10 GADSS

◆ Preliminary View

APT Members support the ITU-R studies being undertaken for the introduction and use of Global Aeronautical Distress and Safety System (GADSS) in accordance with Resolution **426 (WRC-15)**.

APT Members are of the view that the studies on spectrum needs and regulatory provisions required for the implementation of GADSS should take into account the GADSS concept developed and provided by ICAO.

◆ Other view

None

◆ Issues for consideration of next APG meeting

APT Members are encouraged to contribute to the next APG meeting on the Agenda Item 1.10 taking into account the studies of ITU-R and ICAO.



A.I. 9.1 Issue 9.1.4 Sub-orbital vehicle

◆ Preliminary View

APT Members support the ITU-R studies in accordance with Resolution **763 (WRC-15)**.

◆ Other view

None

◆ Issues for consideration of next APG meeting

APT Members are encouraged to contribute to this Agenda Item at the next APG-19 meeting.
