**Report of the Agenda Item1.8 Issue A Coordinator during WRC-19**

Byungok KIM (kimbo60@hanmail.net)

Report Date: 07 Nov. 2019

1. Agenda Item

**Agenda Item 1.8:** *to consider possible regulatory actions to support Global Maritime Distress Safety Systems (GMDSS) modernization and to support the introduction of additional satellite systems into the GMDSS, in accordance with Resolution* **359** (**Rev.WRC-15**);

**Resolution 359 (Rev.WRC-15)** *invites the WRC-19 to take necessary actions to support GMDSS modernization (****resolves 1****) and to consider regulatory provisions related to the introduction of additional satellite system into the GMDSS while ensuring the protection of all incumbent services from harmful interferences (****resolves 2****).*

1. APT Common Proposals and APT Views for WRC-19 (which has been submitted to WRC-19)

*Regarding* ***resolves 1,***

APT Members support the Method A2 in the CPM Report.

APT Members support the incorporation of NAVDAT systems and NAVDAT frequencies, both in MF and HF as described in Recommendations ITU-R M.2010 and ITU-R M.2058.

APT Members are also of the view that:

– the existing frequencies used for NAVTEX should be retained and protected;

– the recognition of national NAVDAT frequencies in the bands 415-495 kHz and 505-526.5 kHz (505-510 kHz in Region 2) should not impose any additional constraints on existing services;

– the recognition of these MF NAVDAT and HF NAVDAT frequencies as GMDSS for inclusion into RR Appendix **15** would be considered at a future WRC after IMO concludes its work on the modernisation of the GMDSS.

1. Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above

 **(CEPT)** Any special arrangements between interested and affected administrations are not necessary.

**(RCC)** The transmitting stations should be limited solely to coastal stations.

1. Progress of discussion during WRC-19 on the Agenda Item
* The outcome of the AI-1.8 issue-A was approved by the WG4C on its 3rd meeting, 6 Nov.
* The ACP is reflected in the compromised output document as described in the table below.
* RCC proposed strongly to limit the NAVDAT transmission by coast station only, however it is compromised because the NAVDAT system is a broadcasting system from shore to ships.
* The footnote *pp)* was modified clearly indicating the HF NAVDAT frequency bands.
* The difference between ACP and compromised text are as follows:

|  |  |
| --- | --- |
| **ACP (Doc 24-E. Add.8)** | **WG4C (Document DT/45-E)** |
| MOD ACP/24A8/1#502475.79 In the maritime mobile service, the frequency bands 415-495 kHz and 505-526.5 kHz are limited to be used for radiotelegraphy and the NAVDAT system. Such use of the NAVDAT system should be in accordance with the most recent version of Recommendation ITU‑R M.2010, subject to special arrangements between interested and affected administrations.     (WRC‑19) | MOD SWG4C2/45/1#506895.79 In the maritime mobile service, the frequency bands 415-495 kHz and 505-526.5 kHz are limited to radiotelegraphy and may also be used for the NAVDAT system in accordance with the most recent version of Recommendation ITU‑R M.2010, subject to agreement between interested and affected administrations. NAVDAT transmission stations are limited to coast stations.     (WRC‑19) |
| ADD ACP/24A8/3#502495.A18 The band 495-505 kHz used for the international NAVDAT system as described in the most recent version of Recommendation ITU‑R M.2010.     (WRC‑19) | ADD SWG4C2/45/3#506915.A18 The band 495-505 kHz is used for the international NAVDAT system as described in the most recent version of Recommendation ITU-R M.2010. NAVDAT transmission stations are limited to coast stations.     (WRC‑19) |
| MOD ACP/24A8/6PART A  –  Table of subdivided bands     (WRC‑19)*pp)* These sub-band are also designated for the NAVDAT systems as described in the most recent version of Recommendation ITU-R M.2058. | MOD SWG4C2/45/7#72181PART A  –  Table of subdivided bands     (WRC‑19)*pp)* The bands 4 221-4 231 kHz, 6 332.5-6 342.5 kHz, 8 438-8 448 kHz, 12 658.5-12 668.5 kHz, 16 904.5-16 914.5 kHz and 22 445.5-22 455.5 kHz may also be used by the NAVDAT system, on condition that the use of NAVDAT |

1. Issues which require discussion at APT Coordination Meetings and seek guidance thereafter

*Note: Coordinators are encouraged to conduct informal consultation with interested APT Members on the issues/topics under no. 3 and inform the outcomes of consultation to the Coordination Meeting*. *Coordinators can also organize coordination meetings on the respective agenda items whenever necessary.*