**Report of the Agenda Item 1.9.2 Coordinator during WRC-19**

Name and email of the Coordinator: Yoshio MIYADERA (miyadera.yoshio@jrc.co.jp)

Report Date: 5 Nov. 2019

1. Agenda Item

**1.9** to consider, based on the results of ITU-R studies:

**1.9.2** modifications of the Radio Regulations, including new spectrum allocations to the maritime mobile-satellite service (Earth-to-space and space-to-Earth), preferably within the frequency bands 156.0125-157.4375 MHz and 160.6125-162.0375 MHz of Appendix **18**, to enable a new VHF data exchange system (VDES) satellite component, while ensuring that this component will not degrade the current terrestrial VDES components, applications specific messages (ASM) and AIS operations and not impose any additional constraints on existing services in these and adjacent frequency bands as stated in *recognizing d)* and *e)* of Resolution **360** (**Rev.WRC-15**);

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



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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Group | Method | Freq. plan | SAT allocation | pfd mask |
| APT | F mod | Alt 3 mod | Secondary | - |
| CITEL | B op.2 mod | Alt 2 mod | Primary | Annex 2 of Rep. ITU-R M.2435-0 |
| RCC | A (NOC) | - | No | - |
| CEPT | B op.1 | Alt 2 | Primary | Rec. ITU-R M.2092-0 |
| ASMG | A (NOC) | - | No | - |
| ATU | B op.1 | Alt 2 | Primary | Rec. ITU-R M.2092-0 |

1. Progress of discussion during WRC-19 on the Agenda Item 1.9.2

Only the frequency arrangement shown below is considered as a compromise at SWG 4C3. However, several proposals are available for the status and/or coordination of these satellite frequency allocations.



CEPT

• Frequency plan : According to compromise proposal

• Allocation status : Secondary for uplink, primary for downlink

• pfd-mask : Annex 2 of Rep. ITU-R M.2435  
To be provided in an Appendix 18 footnote

• Coordination : Agreement under 9.21 with primary allocation for downlink

RCC

• Frequency plan :• According to compromise proposal (acceptable)

• Allocation status : Secondary for both uplink and downlink

• Coordination : Agreement under 9.21 for both uplink and downlink

ADD RCC  
5.A192 The use of the frequency bands 157.1875-157.3375 MHz and 161.7875-161.9375 MHz by the maritime mobile-satellite (Earth-to-space, space-to-Earth) service is subject to agreement obtained under No. 9.21 and is limited to non-GSO satellite systems which operate in accordance with Appendix 18. (WRC-19)

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

APT is invited to consider the compromise described in section 4. The APT coordinator believes that the compromise based on secondary allocation for both uplink and downlink with pfd mask option is acceptable.

*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.*