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

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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

4.1 Result of WRC-19

1) Frequency plan

WRC-19 agrees to the following frequency plan.



2) Allocation status

WRC-19 agrees to secondary allocations for the maritime mobile-satellite service both uplink and downlink.

3) pfd-mask

WRC-19 agrees not to apply pfd-mask in RR.

4) Coordination

Such use is subject to agreement obtained under No. **9.21** with respect to the terrestrial services in Azerbaijan, Belarus, China, Korea (Rep. of), Cuba, the Russian Federation, the Syrian Arab Republic, the Dem. People’s Rep. of Korea, South Africa and Viet Nam.

4.2 Amendment to RR - Article **5**, Appendix **18** and Resolutions -



4.3 Difference from the ACP

The outcome of this agenda item aligns with the ACP as follows:

1. the status of the maritime mobile-satellite service as secondary allocations, and
2. the frequency plan channelizes only in Appendix **18**.

However, both uplink and downlink of the maritime mobile-satellite service are allocated within the same frequency bands as underlined in the figure below, which is different from the ACP.



Note: The idea of compromise was proposed by Japan



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

None.

*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.*