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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
|  |  |
| PLENARY MEETING | **Addendum 16 to Document 28-E** |
|  | **16 September 2015** |
|  | **Original: English** |
|  | |
| African Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 1.16 | |

1.16 to consider regulatory provisions and spectrum allocations to enable possible new Automatic Identification System (AIS) technology applications and possible new applications to improve maritime radiocommunication in accordance with Resolution **360** **(WRC‑12)**;

**Issue C** – New application for maritime radiocommunication – satellite component

NOC AFCP/28A16/1

ARTICLE 5

Frequency allocations

**Reasons:** No additional allocations or RR changes are required to MSS for this method because of the following:

1) It is proposed to use the frequency band 148-149 MHz (Earth-to-space) (or another appropriate frequency band allocated to the MSS) for the purpose of the VDES satellite uplink (improvement of VDE communication capacity and coverage, ASM communication capacity and coverage) as the frequency band is already allocated to the MSS.

2) It is proposed to use the frequency band 137-138 MHz (space-to-Earth) for the purpose of the VDES satellite downlink as the band is already allocated to the MSS.

3) These frequency bands are restricted to NGSO systems in accordance with provisions of RR No. 5.209.

Furthermore, for the frequency band 137-138 MHz, RR Nos. 5.208 and 5.208A apply, in addition to Resolution 739 (Rev.WRC-07) (see RR No. 5.208B).

**Issue D** – VDES regional solution

MOD AFCP/28A16/2

APPENDIX 18 (REV.WRC‑15)

Table of transmitting frequencies in the  
VHF maritime mobile band

(See Article 52)

| Channel designator | Notes | Transmitting frequencies  (MHz) | | Inter-ship | Port operations  and ship movement | | Public corres-pondence |
| --- | --- | --- | --- | --- | --- | --- | --- |
| From ship stations | From coast stations | Single frequency | Two frequency |
| ... | *...* | ... | ... | ... | ... | ... | ... |
| 80 | *w), y), xx)* | 157.025 | 161.625 |  | x | x | x |
| 1080 | *w), y), xx)* | 157.025 | 157.025 | x | x |  |  |
| 2080 | *w), y), xx)* | 161.625 | 161.625 | x | x |  |  |
| 21 | *w), y), xx)* | 157.050 | 161.650 |  | x | x | x |
| 1021 | *w), y), xx)* | 157.050 | 157.050 | x | x |  |  |
| 2021 | *w), y), xx)* | 161.650 | 161.650 | x | x |  |  |
| 81 | *w), y), xx)* | 157.075 | 161.675 |  | x | x | x |
| 1081 | *w), y), xx)* | 157.075 | 157.075 | x | x |  |  |
| 2081 | *w), y), xx)* | 161.675 | 161.675 | x | x |  |  |
| 22 | *w), y), xx)* | 157.100 | 161.700 |  | x | x | x |
| 1022 | *w), y), xx)* | 157.100 | 157.100 | x | x |  |  |
| 2022 | *w), y), xx)* | 161.700 | 161.700 | x | x |  |  |
| 82 | *w), x), y)* | 157.125 | 161.725 |  | x | x | x |
| 1082 | *w), x), y)* | 157.125 | 157.125 | x | x |  |  |
| 2082 | *w), x), y)* | 161.725 | 161.725 | x | x |  |  |
| 23 | *w), x), y), xxx)* | 157.150 | 161.750 |  | x | x | x |
| 1023 | *w), x), y), xxx)* | 157.150 | 157.150 | x | x |  |  |
| 2023 | *w), x), y), xxx)* | 161.750 | 161.750 | x | x |  |  |
| 83 | *w), x), y), xxx)* | 157.175 | 161.775 |  | x | x | x |
| 1083 | *w), x), y), xxx)* | 157.175 | 157.175 | x | x |  |  |
| 2083 | *w), x), y), xxx)* | 161.775 | 161.775 | x | x |  |  |
| ... | *...* | ... | ... | ... | ... | ... | ... |

ADD AFCP/28A16/3

*xx)* Assignable for wideband digital system operation using multiple 25 kHz contiguous channels.     (WRC‑15)

ADD AFCP/28A16/4

*xxx)* Assignable for 50 kHz bandwidth digital system operation using two 25 kHz contiguous channels.     (WRC‑15)

**Reasons:** The channels are identified for regional use of the VDES, as follows:

1) Channels 80, 21, 81, 22, 82, 23 and 83 are available in some Regions.

2) Channels 80, 21, 81 and 22 can be used using multiple 25 kHz contiguous channels for both ship and coast station transmission as regional use.

3) Channel 82 can be used for both ship and coast station transmission as regional use.

4) Channels 23 and 83 can be used using multiple 25 kHz contiguous channels for both ship and coast station transmission as regional use.

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