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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| PLENARY MEETING | | **Document 147-E** | |
|  | | **30 October 2023** | |
|  | | **Original: English** | |
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| Myanmar (Union of)/Samoa (Independent State of)/Singapore (Republic of)/Thailand | | | |
| Proposals for the work of the conference | | | |
|  | | | |
| Agenda item 1.11 | | | |

1.11to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System (GMDSS) and the implementation of e‑navigation, in accordance with Resolution **361 (Rev.WRC‑19)**;

Introduction

Issue A of this WRC-23 agenda item 1.11 to consider possible regulatory actions, based on ITU Radiocommunication Sector (ITU-R) studies, taking into consideration the activities of International Maritime Organization (IMO), as well as information and requirements provided by IMO, to support GMDSS modernization, Myanmar (Union of), Samoa (Independent State of), Singapore (Republic of) and Thailand support the regulatory actions needed to implement the GMDSS modernization in the Radio Regulations (RR) based on decisions taken in IMO. The revisions to the RR provided in the CPM Report section 2/1.11/5.1 “For Method A (Issue A): global maritime distress and safety system modernization” are generally supported. Regarding the issue of use of the frequency band 1 645.5-1 646.5 MHz, these administrations support Method A, Alternatives A1 and B1, the removal of the limitation of this band for satellite EPIRBs and support that this band should be made available for ongoing use by vessels in the GMDSS for safety and other satcom uses. It is understood that this approach is consistent with the IMO position.

Proposal

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations  
(See No. 2.1)

MOD BRM/SMO/SNG/THA/147/1#1682

5.375 The frequency band 1 645.5-1 646.5 MHz is used by the mobile-satellite service (Earth-to-space) and by inter-satellite links for distress, urgency and safety communications (see Article **31**). Additionally, for the mobile-satellite service, use of this band from earth stations operating in the GMDSS for other than distress purposes is also permitted.     (WRC‑23)

ARTICLE 19

Identification of stations

Section I − General provisions

MOD BRM/SMO/SNG/THA/147/2#1685

19.11 5) All transmissions by satellite emergency position‑indicating radiobeacons (EPIRBs) operating in the band 406‑406.1 MHz shall carry identification signals.     (WRC‑23)

APPENDIX 15 (REV.WRC‑19)

Frequencies for distress and safety communications for the Global  
Maritime Distress and Safety System

MOD BRM/SMO/SNG/THA/147/3#1764

TABLE 15-2     (WRC‑23)

Frequencies above 30 MHz (VHF/UHF)

TABLE 15-2 (*end*)     (WRC‑23)

|  |  |  |
| --- | --- | --- |
| Frequency (MHz) | Description of usage | Notes |
| … |  |  |
| 1 645.5-1 646.5 | SAT-COM | Use of the band 1 645.5-1 646.5 MHz (Earth-to-space) is limited to transmission of distress, urgency and safety communications, and for non-distress communication purposes, from earth stations operating in the GMDSS (see No. **5.375**).     (WRC‑23) |
| … |  |  |

SUP BRM/SMO/SNG/THA/147/4#1773

RESOLUTION 361 (REV.WRC‑19)

Consideration of possible regulatory actions to support modernization of the Global Maritime Distress and Safety System and   
the implementation of e‑navigation

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