|  |  |
| --- | --- |
| **U.S. Radiocommunications Sector**  **Fact Sheet** | |
| **Working Party:** ITU-R WP5B | **Document No:** USWP5B35-03 |
| **Reference:**  Document 5B/315 Annex 4.3 | **Date:** 29 August 2025 |
| **Document Title:** Working Document Toward a Preliminary Draft Revision of Recommendation ITU-R M.1080-0 | |
| **Author(s)/Contributors(s):**  Pamela Murray  USCG  Jerry Ulcek  USCG  Johnny Schultz  Sev1tech Inc  Ross Norsworthy  REC Inc | Phone: (202) 657-3081  Email: pamela.j.murray@uscg.mil  Phone: 202-475-3607  Email: jerry.l.ulcek@[uscg](http://jerry.l.ulcek@uscg.mil).mil  Phone: 727-403-4029  Email: [johnnyschultz@sev1tech.com](http://johnnyschultz@sev1tech.com)  Phone: 727-515-8025  Email: ross\_norsworthy@[msn](http://ross_norsworthy@msn.com).com |
| **Purpose/Objective:**  The purpose of the revision is to make minor editorial changes and request to update the document status. | |
| **Abstract:**  ITU-R M.1080 will allow all secondary radios onboard a ship to be distinguished from the primary radio. This recommendation was revised during the previous May meeting. With the proposed editorial change, no additional revisions are anticipated. | |

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** | A blue logo with a black background  Description automatically generated |
|  |  |
|  |  |
| Source: 5B/315 Annex 4.3  Subject: Use of MMSI 10th digit to disable DSC alarming | **Document: USWP5B35-03** |
| **Date: 29 August 2025** |
| **English only** |
| United States of America | |
| [] Preliminary Draft Revision of  Recommendation ITU-R M.1080-0  **Digital selective calling system enhancement for multiple equipment installations** | |
|  | |

**1 Introduction**

This recommendation was revised during the previous May meeting. With the proposed editorial change, no additional revisions are anticipated.

**2 Summary of changes**

Updated the reference to Recommendation ITU-R M.493. Provide clarification on how a DSC radio is to behave when its 10th digit is non-zero.

**3 Attachment**

The following attachment contains the proposed changes to Recommendation ITU-R M.1080-0. The proposed changes are highlighted in blue.

|  |  |
| --- | --- |
| **Radiocommunication Study Groups** | A blue logo with a black background  AI-generated content may be incorrect. |
|  |  |
|  |  |
| Source: Document 5B/TEMP/99 | Annex 4.3 to  Document 5B/315-E |
| 15 May 2025 |
| English only |
| Annex 4.3 to Working Party 5B Chair’s Report | |
| [] PRELIMINARY DRAFT REVISION OF RECOMMENDATION ITU-R M.1080 | |
| Digital selective calling system enhancement for multiple equipment installations | |

The ITU Radiocommunication Assembly,

*considering*

*a)* that Recommendation ITU-R M.493, § 5.2 has recommended that the X10 digit of the DSC address always be the figure 0 and is reserved for future use;

*b)* that a need has arisen for multiple DSC radios to be installed on a single vessel;

*c)* that various administrations only issue one MMSI according to Appendix **43** of the Radio Regulations to any vessel;

*d)* that if only a single MMSI is assigned to a vessel with multiple DSC radios a conflict results when radios with the same MMSI all respond simultaneously;

*e)* that the X10 digit in the DSC address be reserved for ship owners and installers to assign as required in accordance with this Recommendation for multiple installations on a vessel;

*f)* that the capability in § *e)* allows for an additional level of selective calling within the vessel itself which solves the problem stated in § *d)*;

*g)* that the capability in § *e)* allows ships having multiple DSC radio installations to avoid all radios alarming whenever a DSC call is received, and alarms on every radio having to be individually manually silenced;

*h)* that the optional capability in § *e)* can be implemented in a manner that will not derogate the normal functioning of other DSC operations or create incompatibilities with older DSC equipment where this capability is not employed,

*(No additional changes prior to this section)*

**3 Audible alarms**

3.1 Radio equipment programmed with the X10 digit to any non-zero[[1]](#footnote-1) digit should disable audible DSC alarms and their associated automated procedure as described in Recommendation ITU-R M.493. Audible alarms from DSC calls individually addressed to an MMSI having X10 as a non-zero digit should not be disabled.

3.2 Radio equipment programmed with an MMSI with the X10 digit equal to zero should not disable the audible DSC distress and urgency alarms and their associated automated procedure.

1. If a DSC radio with a non-zero 10th digit initiates a distress call, the 10th digit should be forced to 0 until the distress automated procedure is completed. [↑](#footnote-ref-1)