

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

**Global maritime distress and safety system (GMDSS) –
Part 12: Survival craft portable two-way VHF radiotelephone apparatus –
Operational and performance requirements, methods of testing and required test
results**

Document Preview

**Système mondial de détresse et de sécurité en mer (SMDSM) –
Partie 12: Radiotéléphone émetteur-récepteur portable VHF pour embarcation de
sauvetage – Exigences d'exploitation et de fonctionnement, méthodes d'essai et
résultats d'essai exigés**





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS) –**Part 12: Survival craft portable two-way VHF radiotelephone apparatus –
Operational and performance requirements, methods of
testing and required test results****AMENDMENT 2****FOREWORD**

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Amendment 2 to IEC 61097-12:1996 has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems.

The text of this Amendment is based on the following documents:

Draft	Report on voting
80/1069/CDV	80/1085/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

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- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

1 Scope

Replace, in the existing first paragraph, the reference "IEC 945" with "IEC 60945" (2 occurrences).

Replace, in the existing second paragraph, modified by IEC 61097-12:1996/AMD1:2017, the reference "IMO Resolution MSC.149(77)" with "IMO Resolution MSC.515(105)".

[IEC 61097-12:1996/AMD2:2023](https://standards.iteh.ai/catalog/standards/sist/ce9cf8d9-1b42-45f3-8f8d-6759b16e7b4f/iec-61097-12-1996-amd2-2023)

Delete, in the existing second paragraph the reference to ITU-R M,542-1.

Replace, in the existing note, modified by IEC 61097-12:1996/AMD1:2017, the reference "IMO Resolutions MSC.149(77)" with "IMO Resolution MSC.515(105)".

2 Normative references

Replace the existing reference "IEC 529" with the following new reference

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*

Replace the existing reference "IEC 945" with the following new reference:

IEC 60945:2002, *Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results*

Replace the existing reference to "IMO International Convention for the Safety of Life At Sea (SOLAS): 1974, as amended 1988 (GMDSS) – Chapter III: Life-saving appliances and arrangements", with the following new reference

IMO International Convention for the Safety of Life At Sea (SOLAS):1974, as amended 1988 (GMDSS) – Chapter IV: Radiocommunication

Replace the reference "IMO Resolution MSC.149(77)", added by IEC 61097-12:1996/AMD1:2017, with the following new reference:

IMO Resolution MSC.515(105):2022, Performance standards for survival craft portable two-way VHF radiotelephone apparatus

Replace the existing reference to "ITU Radio Regulations: 1995, Appendix S3: Table of maximum permitted spurious emissions power levels", with the following new reference

ITU Radio Regulations:2020, Appendix 3: Table of maximum permitted spurious emissions power levels

Replace the existing reference to "ITU Radio Regulations: 1990, Appendix 18: Table of transmitting frequencies in the band 156 – 174 MHz for stations in the maritime mobile service", with the following new reference

ITU Radio Regulations:2020, Appendix 18: Table of transmitting frequencies in the band 156 – 174 MHz for stations in the maritime mobile service

Delete the reference to ITU-R M.542-1:1982

3 Performance requirements

Replace all the existing references "MSC.149(77)", added by IEC 61097-12:1996/AMD1:2017, with "MSC.515(105)" (29 occurrences).

3.3.6 Marking and identification

Replace the existing text of 3.3.6, modified by IEC 61097-12:1996/AMD1:2017, with the following new text:

(MSC.515(105)/13.1) In addition to the general requirements specified in resolution A.694(17), as detailed in IEC 60945, the following shall be clearly indicated on the exterior of the equipment:

- 1) brief operating instructions;*
- 2) expiry date for the primary batteries; and*
- 3) original equipment manufacturer.*

(MSC.515(105)/13.2) The expiry date of the primary battery shall use the date of manufacture of the cells within the battery as its starting point and be calculated as follows: