

STN	Námorné navigačné a rádiokomunikačné zariadenia a systémy Námorné zariadenia na lokalizáciu preživších (Man Overboard Devices) Minimálne požiadavky, metódy testovania a požadované výsledky skúšok	STN EN IEC 63269 32 6780
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Maritime navigation and radiocommunication equipment and systems - Maritime survivor locating devices (man overboard devices) - Minimum requirements, methods of testing and required test results

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/22

Obsahuje: EN IEC 63269:2022, IEC 63269:2022

EUROPEAN STANDARD

EN IEC 63269

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2022

ICS 47.020.99

English Version

**Maritime navigation and radiocommunication equipment and systems - Maritime survivor locating devices (man overboard devices) - Minimum requirements, methods of testing and required test results
(IEC 63269:2022)**

Matériels et systèmes de navigation et de radiocommunication maritimes - Dispositifs de localisation des survivants en mer (dispositifs en cas d'homme à la mer) - Exigences minimales, méthodes d'essai et résultats d'essai exigés
(IEC 63269:2022)

Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Seenotrettungsgeräte zur Ortung von Überlebenden (Mann-über-Bord-Geräte) - Mindestanforderungen, Verfahren zur Prüfung und erforderliche Prüfergebnisse
(IEC 63269:2022)

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EN IEC 63269:2022 (E)**European foreword**

The text of document 80/1031/FDIS, future edition 1 of IEC 63269, prepared by IEC/TC 80 "Maritime navigation and radiocommunication equipment and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63269:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-03-29
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 60945	-	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	-
IEC 61108-1	-	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results	EN 61108-1	-
IEC 61108-2	-	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 2: Global navigation satellite system (GLONASS) - Receiver equipment - Performance standards, methods of testing and required test results	EN 61108-2	-
IEC 61108-3	-	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 3: Galileo receiver equipment - Performance requirements, methods of testing and required test results	EN 61108-3	-
IEC 61108-5	-	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 5: BeiDou navigation satellite system (BDS) - Receiver equipment - Performance requirements, methods of testing and required test results	EN IEC 61108-5	-

EN IEC 63269:2022 (E)

IMO Resolution- MSC.81(70)		Revised recommendation on testing of life-saving appliances	-
ITU-R M.1371	-	Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile band	-
ITU-R M.493-15	-	Digital selective-calling system for use in the maritime mobile service	-
ITU-T Recommendation O.153	-	Basic parameters for the measurement of error performance at bit rates below the primary rate	-
ST/SG/AC.10/11/Rev.7		Manual of Tests and Criteria, 7 th Revised Edition, as amended, United Nations	-



IEC 63269

Edition 1.0 2022-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Maritime navigation and radiocommunication equipment and systems – Maritime survivor locating devices (man overboard devices) – Minimum requirements, methods of testing and required test results

Matériels et systèmes de navigation et de radiocommunication maritimes – Dispositifs de localisation des survivants en mer (dispositifs en cas d'homme à la mer) – Exigences minimales, méthodes d'essai et résultats d'essai exigés



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IEC 63269

Edition 1.0 2022-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE



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ISBN 978-2-8322-3701-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT
AND SYSTEMS – MARITIME SURVIVOR LOCATING DEVICES
(MAN OVERBOARD DEVICES) – MINIMUM REQUIREMENTS,
METHODS OF TESTING AND REQUIRED TEST RESULTS**

FOREWORD

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The text of this International Standard is based on the following documents:

Draft	Report on voting
80/1031/FDIS	80/1040/RVD

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 International Standard 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/standardsdev/publications.

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MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS – MARITIME SURVIVOR LOCATING DEVICES (MAN OVERBOARD DEVICES) – MINIMUM REQUIREMENTS, METHODS OF TESTING AND REQUIRED TEST RESULTS

1 Scope

This document specifies the minimum requirements for aspects related to operation, construction, documentation, methods of testing and required test results for ITU-R M.2135 AMRD Group A man overboard (MOB) devices intended for alerting and locating purposes, as defined by IMO and in accordance with ITU-R M.493 Class-M. This document consists of three modules where the first module, Module A, covers general requirements and aspects. Further Module B covers AIS technologies and Module C covers DSC technologies that are required within MOB equipment.

This document incorporates the technical characteristics included in applicable ITU recommendations. Where applicable, it also takes into account the ITU Radio Regulations. This document takes into account other associated IEC International Standards and existing national standards, as applicable.

This document defines the requirements for coexistence of AIS and DSC technology incorporated within a single equipment. Only when the equipment complies with the three Modules can it be categorised as AMRD Group A equipment and be entitled to operate on channel AIS 1, channel AIS 2 and channel 70.

2 Normative references

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IEC 61108-2, *Maritime navigation and radiocommunication equipment and systems – Global navigation satellite systems (GNSS) – Part 2: Global navigation satellite system (GLONASS) – Receiver equipment – Performance standards, methods of testing and required test results*

IEC 61108-3, *Maritime navigation and radiocommunication equipment and systems – Global navigation satellite systems (GNSS) – Part 3: Galileo receiver equipment – Performance requirements, methods of testing and required test results*

IEC 61108-5, *Maritime navigation and radiocommunication equipment and systems – Global navigation satellite systems (GNSS) – Part 5: BeiDou navigation satellite system (BDS) – Receiver equipment – Performance requirements, methods of testing and required test results*

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IMO Resolution MSC.81(70), *Revised recommendation on testing of life-saving appliances*

ITU-R M.493-15, *Digital selective-calling system for use in the maritime mobile service*

ITU-R M.1371, *Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile band*

ITU-T Recommendation O.153, *Basic parameters for the measurement of error performance at bit rates below the primary rate*

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