

STN	Námorné navigačné a rádiokomunikačné zariadenia a systémy Prezentácia navigačných informácií na lodných navigačných displejoch Všeobecné požiadavky, skúšobné metódy a požadované výsledky skúšok Zmena A1	STN EN IEC 62288/A1 32 6755
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Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General 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. 03/25

STN EN IEC 62288 z mája 2022 sa bez tejto zmeny A1 môže používať do 31. 12. 2027.

Obsahuje: EN IEC 62288:2022/A1:2024, IEC 62288:2021/AMD1:2024

140128

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025

Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62288:2022/A1

December 2024

ICS 47.020.70

English Version

**Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results
(IEC 62288:2021/AMD1:2024)**

Matériels et systèmes de navigation et de radiocommunication maritimes - Présentation des informations relatives à la navigation sur des affichages de navigation de bord - Exigences générales, méthodes d'essai et résultats d'essai exigés
(IEC 62288:2021/AMD1:2024)

Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Darstellung von navigationsbezogenen Informationen auf Navigationsanzeigen für Schiffe - Allgemeine Anforderungen, Prüfverfahren und geforderte Prüfergebnisse
(IEC 62288:2021/AMD1:2024)

This amendment A1 modifies the European Standard EN IEC 62288:2022; it was approved by CENELEC on 2024-12-12. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62288:2022/A1:2024 (E)**European foreword**

The text of document 80/1117/CDV, future edition 3 of IEC 62288/AMD1, prepared by TC 80 "Maritime navigation and radiocommunication equipment and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62288:2022/A1:2024.

The following dates are fixed:

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IEC 62288

Edition 3.0 2024-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1 AMENDEMENT 1

**Maritime navigation and radiocommunication equipment and systems –
Presentation of navigation-related information on shipborne navigational
displays – General requirements, methods of testing and required test results**

**Matériels et systèmes de navigation et de radiocommunication maritimes –
Présentation des informations relatives à la navigation sur des affichages de
navigation de bord – Exigences générales, méthodes d'essai et résultats d'essai
exigés**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND
SYSTEMS – PRESENTATION OF NAVIGATION-RELATED INFORMATION
ON SHIPBORNE NAVIGATIONAL DISPLAYS – GENERAL REQUIREMENTS,
METHODS OF TESTING AND REQUIRED TEST RESULTS****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 62288:2021 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
80/1117/CDV	80/1128/RVC

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

IEC 62288:2021/AMD1:2024
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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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INTRODUCTION to Amendment 1

This amendment updates the interpretation of the bit encoding for reporting various cases of AtoN errors or failures to be compliant with the notes available in the IALA R-0126 Ed.2 published in December 2021. The amendment further corrects an inconsistency between Table L.1 of IEC 62288:2021 and Figure 4 section 4.8.4 of IALA Rec.R-0126:2021.

Annex A (normative) – Presentation colours and symbols

Table A.1 – Own ship symbols

Replace, in Table A.1, row 2.10 a, column "Symbol graphic(s)", under the "Racon err" symbol graphic, the text "Racon error (bits 11111001 or 11111011 or 11111111)" with "Racon error (bits 11111001 or 11111011)".

Replace, in Table A.1, row 2.10 a, column "Symbol graphic(s)", under the "Error" symbol graphic, the text "Light error or combination of light error/off with racon error (bits 11100110 or 11101110 or 11110110 or 11111101)" with "Light error or combination of light error/off with racon error (bits 11100111 or 11101111 or 11110111 or 11111101 or 11111111)".

Annex L (informative) – Overview of the use AIS AtoN status field bits

Table L.1 – AIS AtoN status field

Replace in Table L.1, row "Good health", column "Mobile AtoN and method and direction of movement" with new values, as follows:

Bit order	Bits	RACON / Light	Bit order	Bits	Mobile AtoN and method and direction of movement		Regional AtoN
1 st	0	Good health		1000	Direction of movement (COG)	000° ± 22,5°	Reserved for regional use ^a
				1001		045° ± 22,5°	
				1010		090° ± 22,5°	
				1011		135° ± 22,5°	
				1100		180° ± 22,5°	
				1101		225° ± 22,5°	
				1110		270° ± 22,5°	
				1111		315° ± 22,5°	

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