ICS 33.060.20, 47.020.70 SLOVENSKÁ TECHNICKÁ NORMA December 2020

STN	**Technické charakteristiky a metódy merania zariadení na generovanie, vysielanie a príjem digitálneho selektívneho volania (DSC) v námornej pohyblivej službe v pásmach MF, MF/HF a/alebo VHF** **Časť 2: Trieda A DSC**	**STN** **EN 300 338-2** **V1.5.1** 87 0338

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 2: Class A DSC

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. 11/20

Obsahuje: EN 300 338-2 V1.5.1:2020

131849

ETSI EN 300 338-2 V1.5.1 (2020-06)

Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 2: Class A DSC

Reference
REN/ERM-TGMAR-593

Keywords
DSC, GMDSS, maritime, radio

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Sous-Préfecture de Grasse (06) N° 7803/88

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Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM).

The present document is part 2 of a multi-part deliverable. Full details of the entire series can be found in part 1 [i.1].

The present document covers the operator interfaces and operating system for Class A DSC equipment.

National transposition dates	
Date of adoption of this EN:	29 May 2020
Date of latest announcement of this EN (doa):	31 August 2020
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	28 February 2021
Date of withdrawal of any conflicting National Standard (dow):	28 February 2022

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document states the minimum requirements for equipment to be used for generation, transmission and reception of Class A Digital Selective Calling (DSC) for use on board ships.

DSC is intended to be used in the Medium Frequency (MF), High Frequency (HF) and Very High Frequency (VHF) bands of the Maritime Mobile Service (MMS), for both distress, safety and general communications.

The present document is part 2 of a multi-part deliverable that covers the requirements to be fulfilled by equipment that is either integrated with a transmitter and/or a receiver or equipment that is a stand-alone DSC terminal and has the following class of DSC:

- Class A: includes all the facilities defined in annex 1 of Recommendation ITU-R M.493-15 [3] and complies with the IMO Global Maritime Distress and Safety System (GMDSS) carriage requirements for MF/HF installations and/or VHF installations.

These requirements include the relevant provisions of the ITU Radio Regulations [2] and Recommendation ITU-R RM.493-15 [3], the International Convention for the Safety Of Life At Sea (SOLAS) [1], and the relevant resolutions of the International Maritime Organization (IMO) [4].

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at https://docbox.etsi.org/Reference/.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are necessary for the application of the present document.

[1] International Convention for the Safety of Life at Sea (SOLAS), 1974.

[2] ITU Radio Regulations (2016).

[3] Recommendation ITU-R M.493-15 (01/2019): "Digital selective-calling system for use in the maritime mobile service".

[4] IMO resolution MSC.97(73), section 14.6.4: "Adoption of the International Code of Safety for High-Speed Craft, 2000 (2000 HSC Code)".

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] ETSI EN 300 338-1: "Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 1: Common requirements".

[i.2] MSC 302(87): "Adoption of performance standards for bridge alert management".

[i.3] IEC 61924-2 (Edition 1): "Maritime navigation and radiocommunication equipment and systems -- integrated navigation systems -- Part 2: Modular structure for INS -- operational and performance requirements, methods of testing and required test results" (including IEC 61924-2 Corrigendum 1 November 2013).

[i.4] ETSI EN 300 338-6: "Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 6: Class M DSC".

[i.5] Recommendation ITU-R M.541-10: "Operational procedures for the use of digital selective-calling equipment in the maritime mobile service".

[i.6] Recommendation ITU-R M.585-8: "Assignment and use of identities in the maritime mobile service".