

<b>STN</b>	<b>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</b> <b>Časť 2: Trieda A/B DSC</b>	<b>STN EN 300 338-2 V1.4.1</b>  87 0338
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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/B 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. 01/18

Obsahuje: EN 300 338-2 V1.4.1:2017

**125979**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018  
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

# ETSI EN 300 338-2 V1.4.1 (2017-02)



**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/B DSC**

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**Reference**

REN/ERM-TG26-087-2

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**Keywords**

DSC, GMDSS, maritime, radio

**ETSI**

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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/B DSC equipment.

National transposition dates	
Date of adoption of this EN:	8 February 2017
Date of latest announcement of this EN (doa):	31 May 2017
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 November 2017
Date of withdrawal of any conflicting National Standard (dow):	30 November 2018

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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 or B 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.493-14 [3] and complies with the IMO Global Maritime Distress and Safety System (GMDSS) carriage requirements for MF/HF installations and/or VHF installations;
- Class B: provides minimum facilities for equipment on ships not required to use class A equipment and complies with the minimum IMO GMDSS carriage requirements for MF and/or VHF installations. This equipment should provide for:
  - alerting, acknowledgement and relay facilities for distress purposes;
  - calling and acknowledgement for general communication purposes; and
  - calling in connection with semi-automatic/automatic services, as defined in Recommendation ITU-R M.493-14 [3], annex 2, clause 3.

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

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## 2 References

### 2.1 Normative references

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

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| [1] | "International Convention for the Safety of Life at Sea (SOLAS)", 1974.  |
| [2] | ITU Radio Regulations (2016).  |
| [3] | Recommendation ITU-R M.493-14: "Digital selective-calling system for use in the maritime mobile service".              |
| [4] | IMO resolution MSC.97 (73), section 14.6.4: "International Code of Safety for High-Speed Craft, 2000 (2000 HSC Code)". |



## 2.2 Informative references

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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).

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