

STN	Environmentálne inžinierstvo (EE) Podmienky prostredia a skúšky vplyvu prostredia na telekomunikačné zariadenia Časť 2: Špecifikácia skúšok vplyvu prostredia Oddiel 6: Prostredie na lodiach	STN EN 300 019-2-6 V3.1.1 87 0019
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Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 6: Ship environments

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. 03/24

Obsahuje: EN 300 019-2-6 V3.1.1:2023

138145

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

ETSI EN 300 019-2-6 V3.1.1 (2023-10)



**Environmental Engineering (EE);
Environmental conditions and environmental tests
for telecommunications equipment;
Part 2: Specification of environmental tests;
Sub-part 6: Ship environments**

Reference

REN/EE-017011

Keywords

environment, maritime, testing

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Contents

Intellectual Property Rights	4
Foreword.....	4
Modal verbs terminology.....	5
1 Scope	6
2 References	6
2.1 Normative references	6
2.2 Informative references.....	7
3 Definition of terms, symbols and abbreviations.....	7
3.1 Terms.....	7
3.2 Symbols.....	7
3.3 Abbreviations	7
4 Environmental test specification	7
4.0 General	7
4.1 Equipment setup and configuration.....	8
4.2 Performance criteria	8
4.3 Specification T 6.1: Totally weatherprotected locations	8
4.4 Specification T 6.2: Partly weatherprotected locations	9
4.5 Specification T 6.3: Non-weatherprotected locations.....	9
4.6 Specification T 6.1: Totally weatherprotected locations climatic test.....	10
4.7 Specification T 6.2: Partly weatherprotected locations climatic test.....	11
4.8 Specification T 6.3: Non-weatherprotected locations climatic tests.....	14
4.9 Specification T 6.1, T 6.2 and T 6.3: protected and partly protected installation, mechanical tests.....	16
Annex A (informative): Bibliography.....	19
History	20

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Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Environmental Engineering (EE).

The present document is part 2, sub-part 6 of a multi-part deliverable covering the Environmental conditions and environmental tests for telecommunications equipment, as identified below:

Part 1: "Classification of environmental conditions";

Part 2: "Specification of environmental tests";

Sub-part 0: "Introduction";

Sub-part 1: "Storage";

Sub-part 2: "Transportation";

Sub-part 3: "Stationary use at weatherprotected locations";

Sub-part 4: "Stationary use at non-weatherprotected locations";

Sub-part 5: "Ground vehicle installations";

Sub-part 6: "Ship environments";

Sub-part 7: "Portable and non-stationary use";

Sub-part 8: "Stationary use at underground locations".

Part 1 specifies different standardized environmental classes covering climatic and biological conditions, chemically and mechanically active substances and mechanical conditions during storage, transportation and in use.

Part 2 specifies the recommended test severities and test methods for the different environmental classes.

Part 2-0 [i.1] forms a general overview of part 2. The present document deals with ship environments.

National transposition dates	
Date of adoption of this EN:	24 October 2023
Date of latest announcement of this EN (doa):	31 January 2024
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 July 2024
Date of withdrawal of any conflicting National Standard (dow):	31 July 2024

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 specifies test severities and methods for the verification of the required resistibility of equipment according to the relevant environmental class.

The tests defined in the present document apply to the use of telecommunication equipment installed permanently or temporarily in ships and cover the environments and the vessels stated in ETSI EN 300 019-1-6 [1].

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.

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

- [1] [ETSI EN 300 019-1-6](#): "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-6: Classification of environmental conditions; Ship environments".
- [2] [IEC 60068-2-1 \(03-2007\)](#): "Environmental testing - Part 2-1: Tests - Test A: Cold".
- [3] [IEC 60068-2-2 \(07-2007\)](#): "Environmental testing - Part 2-2: Tests - Test B: Dry heat".
- [4] [IEC 60068-2-78 \(10-2012\)](#): "Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state".
- [5] [IEC 60068-2-14 \(01-2009\)](#): "Environmental testing - Part 2-14: Tests - Test N: Change of temperature".
- [6] [IEC 60068-2-30 \(08-2005\)](#): "Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)".
- [7] [IEC 60068-2-18 \(03-2017\)](#): "Environmental testing - Part 2-18: Tests - Test R and guidance: Water".
- [8] [IEC 60068-2-6 \(12-2007\)](#): "Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)".
- [9] [IEC 60068-2-27 \(02-2008\)](#): "Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock".

2.2 Informative references

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- [i.1] ETSI EN 300 019-2-0: "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 0: Introduction".
- [i.2] IEC 60068-2 (all parts): "Environmental testing - Part 2: Tests".
- [i.3] ETSI EN 300 019-1-0: "Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-0: Classification of environmental conditions; Introduction".
- [i.4] IEC 60068-2-52:2017: "Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)".
- [i.5] IEC 60068-2-68:1994: "Environmental testing - Part 2-68: Tests - Test L: Dust and sand".

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