

**Environmental Engineering (EE);  
Environmental conditions and environmental tests  
for telecommunications equipment;  
Part 2: Specification of environmental tests;  
Sub-part 6: Ship environments  
(ETSI EN 300 019-2-6 V3.1.1 (2023-10))**

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



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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

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## Modal verbs terminology

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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].

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## 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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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] [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".