



SLOVENSKI STANDARD
SIST ETS 300 019-1-6 E1:2006

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Inženiring opreme (EE) – Okoljski pogoji in preskusi vplivov okolja na telekomunikacijsko opremo – 1-6. del: : Klasifikacija okoljskih pogojev – Ladijsko okolje

Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 1-6: Classification of environmental conditions; Ship environments

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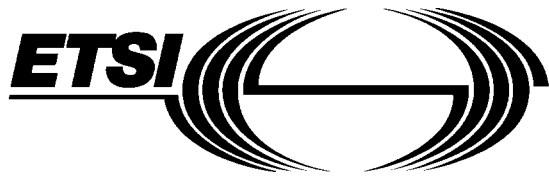
19.040	Preskušanje v zvezi z okoljem	Environmental testing
33.050.01	Telekomunikacijska terminalna oprema na splošno	Telecommunication terminal equipment in general

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**Equipment Engineering (EE);
Environmental conditions and environmental
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Part 1-6: Classification of environmental conditions
Ship environments**

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Foreword

This multi-part European Telecommunication Standard (ETS) has been produced by the Equipment Engineering (EE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This standard is concerned with environmental conditions and environmental tests for telecommunications equipment and comprises two main parts, each with subdivisions:

- ETS 300 019-1: "Classification of environmental conditions".

This part of the standard, Part 1, specifies different standardised environmental classes covering climatic and biological conditions, chemically and mechanically active substances and mechanical conditions during storage, transportation and in use.

- ETS 300 019-2: "Specification of environmental tests".

This part of the standard will specify the test requirements for the different environmental classes.

Each part of the standard is divided into sub-parts. Sub-part 1-0 will form a general overview of Part 1. This sub-part, Sub-part 1-6, deals with ship environments.

This part of the standard (Part 1) was submitted to Public Enquiry as prETS 300 019 Part B. The original Part A is to be published as ETSI Technical Report ETR 035 entitled: "Equipment Engineering (EE); Environmental engineering Guidance and terminology".

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1 Scope

The purpose of this sub-part of this standard is to define the classes of environmental conditions and their severities to which equipment may be exposed. Only severe conditions, which may be harmful to the equipment, are included. The severities specified are those which will have a low probability of being exceeded; generally less than 1 %.

This sub-part applies to equipment designed principally for maritime use. Conditions of use vary significantly in relation to the size of the vessel and the function for which it was designed. The reader should ensure that the relevant classes are chosen to suit this particular application.

This sub-part covers the following types of vessel:

- vessel propelled by mechanical means, including offshore units;
- vessel not propelled by mechanical means, including sailing boats and life rafts.

The classes defined apply to all sizes of vessel from pleasure craft to trawlers, ferry boats, icebreakers and cargo ships including tankers.

2 Normative references

This ETS incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to, or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETR 035: "Equipment Engineering (EE); Environmental engineering Guidance and terminology".
- [2] IEC Publication 721-3-6: "Ship environment".
- [3] IEC Publication 721-2-1: "Temperature and humidity".
- [4] IEC Publication 68-2-27: "Test Ea: Shock".
- [5] IEC Publication 92-502: "Special features - Tankers".
- [6] ISO Publication 2041: "Vibration and Shock - Vocabulary".

3 Definitions

In this sub-part of this standard, the following definitions apply:

Totally weatherprotected location: direct weather influences are totally excluded.

Partly weatherprotected location: direct weather influences are not completely excluded.

Non-weatherprotected location: A location at which the equipment is not protected from direct weather influences.