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Maritime navigation and radiocommunication equipment and systems - Data Interface - Part 1: S-421 Route Plan Based on S-100 (IEC 63173-1:2021)

Navigations- und Funkkommunikationsgeräte und -Systeme für die Seeschifffahrt - Digitale Schnittstellen - Teil 1: S-421 Routenplan auf Grundlage von S-100 (IEC 63173-1:2021)

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Matériels et systèmes de navigation et de radiocommunication maritimes - Interface de données - Partie 1: Plan de route S-421 basé sur la S-100 (IEC 63173-1:2021)

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Matériels et systèmes de navigation et de radiocommunication maritimes - Interface de données - Partie 1: Plan de route S-421 basé sur la S-100 (IEC 63173-1:2021)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 63173-1:2021 (E)**European foreword**

The text of document 80/997/FDIS, future edition 1 of IEC 63173-1, prepared by IEC/TC 80 "Maritime navigation and radiocommunication equipment and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63173-1:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-04-21 level by publication of an identical national standard or by endorsement
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61174	NOTE	Harmonized as EN 61174
IEC 62288	NOTE	Harmonized as EN 62288
ISO 19115 (series)	NOTE	Harmonized as EN ISO 19115 (series)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
S-100	2018	IHO Universal Hydrographic Data Model (edition 4.0.0)	-	-

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**Maritime navigation and radiocommunication equipment and systems –
Data interfaces –
Part 1: S-421 route plan based on S-100**

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