
Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Sistemi za avtomatično identifikacijo (AIS) - Oprema za letala SAR - Operativne in tehnične zahteve, preskusne metode in pričakovani rezultati preskušanja (IEC 63135:2018)

Maritime navigation and radio communication equipment and systems - Automatic Identification Systems (AIS) - SAR Airborne equipment - Operational and performance requirements, methods of test and required test results (IEC 63135:2018)

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Navigation- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Automatische Identifikationssysteme (AIS) - Ausrüstung für Such- und Rettungsfluggeräte - Betriebs- und Leistungsanforderungen, Prüfverfahren und geforderte Prüfergebnisse (IEC 63135:2018) [SIST EN IEC 63135:2019](https://standards.itih.ai/catalog/standards/sist/c2794899-ceda-4905-a8f1-6bc58c41c503/sist-en-iec-63135-2019)

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Matériels et systèmes de navigation et de radiocommunication maritimes - Systèmes d'identification automatique (AIS) - Equipement aéroporté SAR - Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats d'essai exigés (IEC 63135:2018)

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Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) - SAR Airborne equipment - Operational and performance requirements, methods of test and required test results
(IEC 63135:2018)

Matériels et systèmes de navigation et de radiocommunication maritimes - Systèmes d'identification automatique (AIS) - Equipement aéroporté SAR - Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats d'essai exigés
(IEC 63135:2018)

Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Automatische Identifikationssysteme (AIS) - Ausrüstung für Such- und Rettungs-Fluggeräte - Betriebs- und Leistungsanforderungen, Prüfverfahren und geforderte Prüfergebnisse
(IEC 63135:2018)

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EN IEC 63135:2019 (E)**European foreword**

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IEC 61097-14	NOTE	Harmonized as EN 61097-14
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IEC 61108-3	NOTE	Harmonized as EN 61108-3
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IEC 61162-450	NOTE	Harmonized as EN IEC 61162-450
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ISO 9000	NOTE	Harmonized as EN ISO 9000

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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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>
IEC 61162-1	-	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	-	-
ITU-R Recommendation M.1371-5	2014	Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band	-	-
ITU-T Recommendation O.153	-	Basic parameters for the measurement of error performance at bit rates below the primary rate	-	-

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**Maritime navigation and radiocommunication equipment and systems –
Automatic identification systems (AIS) – SAR airborne equipment – Operational
and performance requirements, methods of test and required test results**

SIST EN IEC 63135:2019

**Matériels et systèmes de navigation et de radiocommunication maritimes –
Systèmes d'identification automatique (AIS) – Équipement aéroporté SAR –
Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats
d'essai exigés**

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**MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT
AND SYSTEMS – AUTOMATIC IDENTIFICATION SYSTEMS (AIS) – SAR
AIRBORNE EQUIPMENT – OPERATIONAL AND PERFORMANCE
REQUIREMENTS, METHODS OF TEST AND REQUIRED TEST RESULTS**

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The text of this International Standard is based on the following documents:

CDV	Report on voting
80/875/CDV	80/889/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS – AUTOMATIC IDENTIFICATION SYSTEMS (AIS) – SAR AIRBORNE EQUIPMENT – OPERATIONAL AND PERFORMANCE REQUIREMENTS, METHODS OF TEST AND REQUIRED TEST RESULTS

1 Scope

This document specifies the minimum operational and performance requirements, methods of testing and required test results as applicable for automatic identification systems (AIS) VHF data link (VDL) related parts of an AIS SAR airborne station. This document incorporates the applicable technical characteristics of AIS SAR airborne equipment included in Recommendation ITU-R M.1371 and takes into account the ITU Radio Regulations, where applicable.

This document also specifies the minimum requirements for the interfaces to other equipment suitable to be used as means of input and display data.

Attention is drawn on that other requirements specific for airborne equipment can exist and are beyond the scope of this document.

2 Normative references

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IEC 61162-1, *Maritime navigation and radiocommunication equipment and systems – Digital interfaces – Part 1: Single talker and multiple listeners*

ITU-R Recommendation M.1371-5:2014, *Technical characteristics for an automatic identification system using time division multiple access in the VHF maritime mobile frequency band*

ITU-T Recommendation O.153, *Basic parameters for the measurement of error performance at bit rates below the primary rate*

3 Terms, definitions, symbols and abbreviated terms

3.1 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
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