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**Ships and marine technology —  
Marine facsimile receivers for  
meteorological charts**

*Navires et technologie maritime — Récepteurs marins de  
transmissions par télécopie des cartes météorologiques*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword — Supplementary information.

The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 6, *Navigation and ship operations*.

This third edition cancels and replaces the second edition (ISO 9876:1997), which has been technically revised.

# Ships and marine technology — Marine facsimile receivers for meteorological charts

## 1 Scope

This International Standard specifies the construction, performance, type testing, and inspection for a ship borne marine facsimile receiver that receives meteorological charts transmitted by “Facsimile transmission of meteorological chart over radio circuits” stated in accordance with World Meteorological Organization (WMO) publication No. 386, Part III-5.

This International Standard applies to ship borne radio facsimile receivers for the reception of meteorological charts and other graphical representation of meteorological conditions intended as an aid to navigation at sea.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60945, *Maritime navigation and radiocommunication equipment and systems – General requirements – Methods of testing and required test results*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **dead sector**

part of scanning line unavailable for picture signal transmissions the criteria of which are within  $4,5 \% \pm 0,5 \%$  of the length

### 3.2

#### **facsimile**

process, or the result of the process, by which fixed graphic charts are scanned and the information is converted to electric signals which are used remotely to produce a copy of the chart in record form

### 3.3

#### **F3C**

radio emissions designation from ITU Radio Regulations Appendix 1 for frequency modulation, single channel having analog information, facsimile