

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Maritime navigation and radiocommunication equipment and systems – Bridge alert management –  
Part 2: Alert and cluster identifiers and other additional features**

**Matériels et systèmes de navigation et de radiocommunication maritimes –  
Gestion des alertes à la passerelle –  
Partie 2: Identifiants d'alerte et de groupe et autres caractéristiques  
supplémentaires**



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INTERNATIONAL  
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ICS 47.020.70

ISBN 978-2-8322-5994-8

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARITIME NAVIGATION AND RADIOCOMMUNICATION  
EQUIPMENT AND SYSTEMS – BRIDGE ALERT MANAGEMENT –**

**Part 2: Alert and cluster identifiers and other additional features**

**FOREWORD**

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International Standard IEC 62923-2 has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems.

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

FDIS	Report on voting
80/893/FDIS	80/896/RVD

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.

A list of all parts in the IEC 62923 series, published under the general title *Maritime navigation and radiocommunication equipment and systems – Bridge alert management*, can be found on the IEC website.

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

- reconfirmed,
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## INTRODUCTION

This document is written to support the implementation of IEC 62923-1, through the definition of harmonized machine readable alert identifiers that can be used to facilitate the implementation of responsibility transfer.

References are made to IEC 62923-2 in other standards. Many IEC standards involve alert communications to which bridge alert management principles apply. This includes interconnections between equipment to transfer alerts. Many standards define alerts for which alert identifiers could be applied to enable machine-reading of these alerts.

It is important to coordinate the alert identifiers, to maintain machine-readability and to prevent double use of an identifier. Due to the development of standards, it is important to maintain this list.

This edition of the document contains the alert identifiers which have defined at the time of publication. As bridge alert management is introduced into maritime navigation and radiocommunication equipment, alert identifiers will be added into equipment standards. It is intended that later editions of this document will include the alert identifiers subsequently defined in the equipment standards.

# MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS – BRIDGE ALERT MANAGEMENT –

## Part 2: Alert and cluster identifiers and other additional features

### 1 Scope

This part of IEC 62923 specifies standard alert identifiers and reserved cluster identifiers to be used when applying bridge alert management. The intent is to reduce the number of different identifiers used for similar alerts as much as possible.

### 2 Normative references

The following documents are referred to in the text in such a way that none 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.

IEC 62923-1, *Maritime navigation and radiocommunication equipment and systems – Bridge alert management – Part 1: Operational and performance requirements, methods of testing and required test results*

IMO, *International Convention for the safety of life at sea (SOLAS), 1974 as amended*

IMO A.481(XII), *Principles of safe manning*

IMO MSC.128(75), *Performance standards for a bridge navigational watch alarm system (BNWAS)*

IMO FSS Code, *International Code of Fire Safety Systems*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62923-1 apply.

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

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO online browsing platform: available at <http://www.iso.org/obp>

### 4 Alert identifiers

#### 4.1 Requirements

When defining alerts listed in Annex A, the corresponding alert identifiers defined in Annex A shall be used.

Alerts not listed in Annex A shall be assigned an alert identifier in the range 10000 to 9999999.