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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 9193-2025

Replacing GB/T 9193-2005

**Acoustic and optical alarm signals and identifying indications
in ships**

船舶声光报警信号和识别标志

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 9193-2005 "Shipboard Audible and Visual Alarm Signals and Identification Marks". Compared with GB/T 9193-2005, except for the conclusion... Aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) This document covers "offshore mobile drilling rigs" (see Chapter 1, Chapter 1 of the.2005 edition);
- b) The term "alarm" has been changed to "alarm," and the definition has been revised (see 3.1,.2005 edition).
- c) The definitions of terms such as "emergency alarm," "control system fault alarm," "fire detection alarm," and "grouping" have been changed (see 3.1.1, 3.1.2.3,...). 3.1.2.9, 3.8 (3.2, 3.3.3, 3.3.7, 3.10 in the.2005 edition);
- d) The term "general emergency alarm" has been changed to "general emergency alarm," and the definition has been revised (see 3.1.1.1, 3.2.1 of the.2005 version);
- e) The term "water ingress detection main alarm" has been added (see 3.1.1.3);
- f) The term "extinguishing agent alarm" has been changed to "extinguishing agent pre-release alarm," and the definition has been revised (see 3.1.1.4,.2005 edition). 3.2.3);
- g) The definition of the term "Level

1 Alarm" has been removed (see 3.1.2,

3.3 in the 2005 edition);

h) The term "water ingress detection and early warning" has been added (see 3.1.2.5);

1 Scope

GB/T 9193-2025 is the Chinese national standard covering the alarms on board - which sound and which light means fire, general emergency, abandon ship or CO₂ release, their audibility above the engine room noise and their marking, so that a crew that changes every few months reacts correctly the first time. Issued on 2 December 2025, it has been in force since 1 July 2026, replacing GB/T 9193-2005.

This document specifies the general requirements for shipboard audible and visual alarm signals and identification markings, the auditory presentation of alarms and calls, and the visual presentation of instructions and calls. Sensory presentation, characteristics, requirements for specific alarms, and the grouping and aggregation of alarms and indicators. This document applies to internal shipboard auditory alarms, visual alarms, call systems, and other safety measures related to the safety of passengers, crew, or the vessel, equipment, and cargo. Settings for indicators, etc.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document. International Convention for the Safety of Life at Sea (SOLAS) International Maritime Organization (IMO) November 1, 1974 (including the 1988 Protocol) (and all amendments that came into effect on January 1, 2001) MSC.4(48) International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC) International Maritime Organization (IMO) MSC.5(48) International Code for the Construction and Installation of Liquefied Gas Ships in Bulk (IGC) International Maritime Organization (IMO) 1983 MSC.9(53) Resolution on the Construction and Equipment Code for Ships Carrying Dangerous Chemicals in Bulk (BCH) International Maritime Organization (IMO) MSC.98(73) Resolution International Fire Safety Systems Code (FSS) International Maritime Organization (IMO).2000 MSC.48(66) International Lifesaving Equipment Code (LSA) International Maritime Organization (IMO).1996 MSC.128(75) Resolution Performance Standards for Navigation Watch Alarm Systems in the Bridge (International Maritime Organization (IMO).2002) MSC.191(79) Resolution. Performance Standards for Shipboard Navigation Information Displays (International Maritime Organization (IMO).2004) Performance Standards for Integrated Navigation Systems as Revised by

MSC.252(83) Resolution, International Maritime Organization (IMO).2007 MSC/Circ.982 Ergonomic Standards Guidelines for Navigation Equipment and Layout (International Maritime Organization (IMO).2002) Resolution A.328(IX) Code of Construction and Equipment for Ships Carrying Liquefied Gases in Bulk (GC) International Maritime Organization (IMO) 1975 Resolution A.481(XII) Principles of Safe Manning, International Maritime Organization (IMO) 1981 Resolution A.694(17) General Components of Shipborne Radio Equipment and Electronic Procedural Equipment in the Global Maritime Distress and Safety System The International Maritime Organization (IMO) was requested to [do something] in.1991.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 alarm It broadcasts any abnormal situations and statuses that require attention.

Note. Alarms are divided into four types in order of priority. emergency alarm, alarm, warning, and alert.

3.1.1 Emergency alarm An alarm is issued indicating an imminent danger to human life or to the ship and its machinery, requiring immediate action.