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

GB/T 16162-2021

Replacing GB/T 16162-2009

Vocabulary for global maritime distress and safety system

全球海上遇险和安全系统（GMDSS）术语

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. This document replaces GB/T 16162-2009 "Global Maritime Distress and Safety System (GMDSS) Terminology". This document and Compared with GB/T 16162-2009, in addition to editorial changes, the main technical changes are as follows:

---Deleted International Maritime Organization, International Maritime Satellite Organization, International Mobile Satellite Organization, World Meteorological Organization, International Hydrographic Survey Group Organization, International Telecommunication Union, International Convention for the Safety of Life at Sea, International Convention on Search and Rescue at Sea, 1978 International Seafarer Training, Development The Convention on Standards for Certification and Watchkeeping, Contracting Governments, Radio Regulations, Global Maritime Distress and Safety System Area, Positioning, Positioning, China Ship Reporting System, Australian Ship Reporting System, Japanese Ship Reporting System, Korean Ship Reporting System, GMDSS System Ship 19 terms and definitions (see 2.1.1~2.1.12, 2.1.23, 2.1.24, 2.1.33, 2.1.35, 2.1.36, 2009 edition 2.1.37, 2.1.39);

--- Deleted the Neftes emergency warning, the Neftes important warning, the Neftes daily warning, the heading warning signal, the rescue unit, 7 terms and definitions of mobile unit and wireless telephone alarm signal (see the.2009 edition of 2.2.34~2.2.36, 2.2.52, 2.2.58, 2.2.61, and 2.2.66);

---Deleted Inmarsat System, Inmarsat A System, Inmarsat B System, Inmarsat D System System, Inmarsat E system, Inmarsat M system, Inmarsat mini-C system, Inmarsat fan You M system, Inmarsat M4 system, Inmarsat P system, Inmarsat handheld, L-band satellite Emergency radio beacon, Atlantic East, Atlantic West, Pacific, Indian Ocean, earth station, space station, coastal earth Stations, ship earth stations, maritime distress channels, out-of-vehicle equipment, in-vehicle equipment, and network coordination stations share time-division multiplexed channels and networks Coordination station to network coordination station signaling channel, network coordination station to ground station signaling channel, land earth station time division multiplexing signal Channel, mobile earth station signaling channel, mobile earth station information channel, channel model, closed network, closed user group, data line terminal Terminal, data terminal equipment, signaling packet, enhanced group call decoder, electronic data exchange, handover, Internet Beijing station special service number

61.41 terms and definitions of broadband global area network services and mobile packet data services (see 2.3.1~2.3.3,.2009 edition) 2.3.5, 2.3.6, 2.3.8~2.3.14, 2.3.17~2.3.20, 2.3.24, 2.3.25, 2.3.27, 2.3.29, 2.3.32~2.3.34, 2.3.40~2.3.48, 2.3.50, 2.3.51, 2.3.56, 2.3.59~2.3.64);

--- Deleted 5 terms and definitions of service area, system information, ephemeris data, beacon detection probability, and beacon location probability (see.2009 Version 2.4.5, 2.4.6, 2.4.9,

2.4.17 and 2.4.18);

---Deleted ground radio communication, control watchman, radio determination, radio navigation, radio positioning, shipboard communication station, no Line electricity measuring station, radio navigation land station, radio navigation mobile station, radio positioning land station, radio positioning Mobile stations, radio direction finding stations, radio beacon stations, standard frequency and time signal stations, meteorological fax receivers, automatic Organize 17 terms and definitions of time division multiple access technology and shipborne voyage data recorder (see the.2009 edition of 2.5.1, 2.5.23~2.5.26, 2.5.31, 2.5.33~2.5.40, 2.5.43, 2.5.54, 2.5.55);

---Deleted broadcasting service, satellite broadcasting service, radiodetermination service, satellite radiodetermination service, radio navigation service, satellite Satellite radio navigation services, maritime radio navigation services, satellite maritime radio navigation services, radio positioning services, meteorological assistance Assistance services, satellite meteorological services, standard frequency and time signal services, satellite

standard frequency and time signal services, temporary radio Beacon business, frequency shift telegraph, executive agency, network access, offline, number call, call call, conventional communication channel, gold franc, special Withdrawal rights, quiet time, plain language, secret language, international maritime satellite communications 27 terms and definitions (see 2.6.6,.2009 edition 2.6.7, 2.6.9~2.6.19, 2.6.22, 2.6.23, 2.6.41~2.6.43, 2.6.54~2.6.56, 2.6.62~2.6.64, 2.6.67~ 2.6.69);

---Changed the distress alarm, on-site commander, dual sets of equipment, shore maintenance, marine electronic maintenance, coordinated universal time, ship reporting system Definitions of 9 terms in the system, commercial ship automatic mutual rescue system, and ship traffic service system (see 3.7, 3.10, 3.14~3.19, 3.22, 2009 version 2.1.19, 2.1.22, 2.1.28~2.1.32, 2.1.34, 2.1.41);

---Added ship remote identification and tracking system, global navigation satellite system, VHF data exchange system, global maritime distress and 4 terms and definitions of the security system modernization plan (see 3.23~3.26);

---Changed the distress call, distress call format, distress alarm forwarding, distress receipt confirmation, distress message, distress communication, emergency call Call, emergency call format, emergency message, emergency communication program, safety call, safety call format, safety communication program, safety communication Information, navigation telex systems, weather forecasts, high seas maritime safety information, maritime safety information forwarded by satellites, ship-to-ship navigation safety communications Definitions of 24 terms. letter, search and rescue responsibility area, joint search and rescue coordination center, search and rescue mission coordinator, positioning signal, and guidance signal (See 4.1.4, 4.1.5, 4.1.10, 4.1.12, 4.1.14, 4.1.15, 4.1.19~4.1.21, 4.1.23, 4.1.26, 4.1.27, 4.1.29~ 4.1.31, 4.1.35, 4.1.39~4.1.42, 4.1.46, 4.1.49, 4.1.52, 4.1.53,.2009 version 2.2.4, 2.2.5, 2.2.10, 2.2.11, 2.2.13, 2.2.14, 2.2.17~2.2.20, 2.2.23~2.2.27, 2.2.46, 2.2.49~2.2.51, 2.2.53, 2.2.56, 2.2.59, 2.2.64, 2.2.65);

---Added distress call forwarding, emergency notice, safety notice, safety message, other emergency safety information, weather information, search and rescue responsibilities 10 terms and definitions (see 4.1.11, 4.1.18, 4.1.25, 4.1.28, 4.1.33, 4.1.36, 4.1.43, 4.1.54,

1 Scope

GB/T 16162-2021 is the Chinese national standard on vocabulary for global maritime distress and safety system, in the field of shipbuilding and marine structures. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 October 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2022. Classification: ICS 47.020, CCS M10. This page is published from the official record of the standard held by the Chinese standards

administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the basic terminology of the Global Maritime Distress and Safety System (GMDSS), as well as distress, emergency and safety communications, mobile satellite Special terms related to satellite communication system, international search and rescue satellite system, terrestrial communication system and communication business. This document is applicable to domestic and global maritime distress and safety system (GMDSS) related fields or management departments involved in quotation or regulation. Various applications in terms of the Global Maritime Distress and Safety System (GMDSS).

2 Normative references

There are no normative references in this document.

3 Basic terminology

3.1 Global Maritime Distress and Safety System Global Maritime Distress and Safety System; GMDSS A global system that uses terrestrial and satellite communication technologies to provide distress warnings and maritime safety information broadcasts for ships and personnel at sea. Communication service network.

3.2 A1 sea area seaareaA

1 In at least one VHF coast station radio telephone with continuous active digital selective calling (DSC) alarm capability The area within the covered area shall be stipulated by the governments of the Contracting States.

3.3 A2 sea area seaareaA

2 Except for the A1 sea area, at least one intermediate frequency (MF) coast station with continuous active digital selective calling (DSC) alarm capability The area covered by wireless telephones, which shall be stipulated by the governments of the Contracting States.

3.4 A3 sea area seaareaA

3 Except for the A1 and A2 sea areas, it is covered by Inmarsat geostationary satellites with continuous and effective warning capabilities Area.

3.5 A4 sea area seaareaA

4 Areas other than sea areas A1, A2 and A3.