

RESOLUTION MSC.507(105) (adopted on 28 April 2022)
SYSTEM PERFORMANCE STANDARD FOR THE PROMULGATION AND
COORDINATION OF MARITIME SAFETY INFORMATION USING HIGH-FREQUENCY
NARROW-BAND DIRECT-PRINTING

ANNEX 14

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THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

RECALLING ALSO resolution A.699(17), by which the Assembly, at its seventeenth session, adopted the *System performance standard for the promulgation and coordination of maritime safety information using high-frequency narrow-band direct-printing*,

RECALLING FURTHER resolution A.886(21), by which the Assembly resolved that the functions of adopting performance standards for radio and navigational equipment, as well as amendments thereto, should be performed by the Maritime Safety Committee on behalf of the Organization,

TAKING INTO ACCOUNT the amendments to the International Convention for the Safety of Life at Sea, 1974 ("the Convention"), adopted by resolution MSC.496(105),

NOTING, in particular, regulation V/5 of the Convention, which establishes the requirement for promulgating information on direct dangers to navigation, as well as regulation IV/7.1.4, which states that "every ship shall be provided with receiver(s) capable of receiving maritime safety information and search and rescue related information throughout the entire voyage in which the ship is engaged",

BEARING IN MIND resolution MSC.508(105), which establishes standards on the reception of maritime safety information using a variety of radio teleprinting techniques, including high-frequency (HF) narrow-band direct-printing (NBDP),

NOTING that provision No.33.48 of the ITU Radio Regulations identifies frequencies in the HF bands for the transmission of maritime safety information using NBDP and that the global coordinated plan for the use of these channels is published in the Master plan of shore-based facilities for the Global Maritime Distress and Safety System (GMDSS) through the Global Integrated Shipping Information System (GISIS),

RECOGNIZING the need to revise the System performance standard for the promulgation and coordination of maritime safety information using high-frequency narrow-band direct-printing,

HAVING CONSIDERED, at its 105th session, the recommendation made by the Sub-Committee on Navigation, Communications and Search and Rescue at its eighth session,

1 ADOPTS the revised *System performance standard for the promulgation and coordination of maritime safety information using high-frequency narrow-band direct-printing*, set out in the annex to the present resolution, which should become effective on 1 January 2024, in conjunction with the entry into force of amendments to the Convention adopted by resolution MSC.496(105);

- 2 DECIDES that broadcasts of maritime safety information using HF NBDP techniques, intended to meet the requirements of regulation IV/7.1.4 of the Convention, should be in accordance with the recommendation set out in the annex to the present resolution;
- 3 URGES Governments to cooperate by ensuring that maritime safety information using HF NBDP techniques is provided in accordance with this system;
- 4 REQUESTS the Secretary-General to convey this system performance standard to the executive heads of the International Telecommunication Union (ITU), the World Meteorological Organization (WMO) and the International Hydrographic Organization (IHO);
- 5 DETERMINES that this resolution supersedes resolution A.699(17), as from 1 January 2024;
- 6 INVITES the Assembly to endorse the action taken by the Maritime Safety Committee.

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1 Administrations desiring to broadcast maritime safety information using HF narrow-band direct-printing, in accordance with the provisions of regulation IV/7.1.4 of the 1974 SOLAS Convention, should notify their intentions to the IMO Sub-Committee on Navigation, Communications and Search and Rescue (NCSR). The NCSR Sub-Committee will coordinate proposals with other Administrations, and will make recommendations on frequencies, schedules, transmit power, broadcast duration and broadcast content, as well as on other pertinent characteristics. The NCSR Sub-Committee may authorize a correspondence panel to perform this coordination function between sessions if, in the Sub-Committee's view, this becomes necessary. Administrations may notify their intentions to the correspondence panel.

2 The NCSR Sub-Committee may periodically recommend revision and adjustments to the broadcast schedule, including shifting existing broadcasts to other schedules, in order to meet the needs of Administrations.

3 Broadcasts should be made simultaneously on groups of frequencies in accordance with Recommendation ITU-R M.688 and provision No.33.48 of the Radio Regulations.

4 Following approval of these broadcasts by the NCSR Sub-Committee, Administrations should notify the ITU Radiocommunication Bureau (BR) in accordance with the requirements of the Radio Regulations.

5 IMO will coordinate broadcasts with WMO and IHO and will periodically issue schedules of broadcasts.*

6 Administrations providing an HF narrow-band direct-printing maritime safety information service should make provisions to alert vessels with respect to unscheduled broadcasts by digital selective calling. The system should be capable of automatic reception.

* Refer to the "Master plan of shore-based facilities for the GMDSS" module of the Global Integrated Shipping Information System (GISIS).

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