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To: Relevant shipowners, ship management companies, shipyards and designers, product manufacturer, related departments of the Headquarters of CCS, the Society's surveyors, Plan Approval Centers

## Technical Notice on Resolutions/Circulars Adopted/Approved by IMO MSC 106

The Maritime Safety Committee of the International Maritime Organization, at its 106th session, adopted resolutions of Amendments to 1974 SOLAS (Chapter II-2) , Amendments to 1974 SOLAS (Chapter XV) and International Code of Safety for Ships Carrying Industrial Personnel (IP Code) , Amendments to The Protocol of 1978 Relating to 1974 SOLAS, Amendments to IGC Code , Amendments to IGF Code , Amendments to 2011 ESP Code and Amendments to IBC Code. Additionally, MSC106 adopted resolutions of “Performance Standards and Functional Requirements for the Long-Range Identification and Tracking of Ships” and “Performance Standards for Electronic Chart Display and Information Systems (ECDIS)”.

In addition, a total number of 7 circulars were approved by MSC 106,e.g. “Revised Interim Guidelines on Life-Saving Appliances and Arrangements for Ships Operating in Polar Waters(MSC.1/Circ.1614/Rev.1)”,“Revised Guidelines for the Approval of Fixed Dry Chemical Powder Fire-Extinguishing Systems for the Protection of Ships Carrying Liquefied Gases In Bulk(MSC.1/Circ.1315/Rev.1)” and “Unified Interpretations Of SOLAS Chapter II-2 (MSC.1/Circ.1655) ” .

For summary, please refer to the attached List of Resolutions/Circulars Adopted/Approved at IMO MSC106. The original English version and Chinese

translation (the English version shall prevail in case of a dispute or discrepancy) of these resolutions/circulars adopted/approved at IMO MSC106 may be found in the Technical Services /IMO& IACS information column of CCS website ([www.ccs.org.cn](http://www.ccs.org.cn)).

This Notice is made public on CCS website ([www.ccs.org.cn](http://www.ccs.org.cn)), and is to be notified to relevant ship owners, ship management companies, shipyards, marine product manufacturers by CCS survey units within their responsible areas.

Please contact the Technology & Information Department of CCS for any inquiry in this regard( E-mail address: [ti@ccs.org.cn](mailto:ti@ccs.org.cn)).

Annex- List of resolutions/circulars adopted/approved by IMO MSC 106

**Annex: List of resolutions/circulars adopted/approved by IMO MSC 106**

NO.	Provision	Relevant document	Mandatory	Effective/approval date	Ship type	Ship size	Summary of IMO requirements
1	Amendments to the International Convention for the Safety of Life at Sea, 1974(Chapter II-2)	MSC.520(106)	Yes	enter into force on 2024.01.01	Any type	Cargo ships with GT≥500 and all passenger ships	The amendments add new definitions and provisions to SOLAS regulation II-2/4 (Probability of ignition), including requiring that ships carrying oil fuel shall prior to bunkering be provided with a declaration signed and certified by the fuel oil supplier's representative that the oil fuel supplied is in conformity with regulation SOLAS II.2/4.2.1 and with the test method used for determining the flashpoint.
2	Amendments to the International Convention for the Safety of Life at Sea, 1974(Chapter XV)	MSC.521(106)	Yes	enter into force on 2024.07.01	Cargo Ship and High-speed Cargo Craft which carry more than 12 industrial personnel	GT≥500	Chapter XV-Safety measures for ships carrying industrial personnel has been added, make reference to mandatory IP Code. The relevant definitions, scope of application and basic principle requirements are stipulated.

3	Amendments to the Protocol of 1988 relating to the International Convention for the Safety of Life at Sea, 1974	MSC.522(106)	Yes	enter into force on 2026.01.01	Any type	Cargo ships with GT≥500 and all passenger ships	Considering that the radio requirements for life-saving appliances in SOLAS Chapter III are relocated under Chapter IV which have been adopted by MSC.496(105), the SOLAS Cargo Ship Safety Equipment Certificate(Form E) is harmonized and revised, and relevant requirements for radio-communications involved in life-saving appliance are deleted.
4	Amendments to IGC Code	MSC.523(106)	Yes	enter into force on 2026.01.01	Ships carrying liquefied gases bulk cargoes	which IGC Code apply	Amendments to add high manganese austenitic steel in Table 6.3 of IGC Code on plates,sections and forgings for cargo tanks, secondary barriers and process pressure vessels for design temperatures below -55° C and down to -165° C, were adopted.
5	Amendments to IGF Code	MSC.524(106)	Yes	enter into force on 2026.01.01	Ships using low-flashpoint fuel	Cargo ships with GT≥500 and all passenger ships	Amendments to add high manganese austenitic steel in Table 7.3 of IGF Code on plates,sections and forgings for fuel tanks, secondary barriers and process pressure vessels for design temperatures below -55° C and down to -165° C, were adopted.
6	Amendments to 2011 ESP Code	MSC.525(106)	Yes	enter into force on 2024.07.01	Bulk carrier and oil tanker	GT≥500	1. The coating condition criteria of ballast tanks, excluding double-bottom tanks, of bulk carriers were strengthened from "POOR" to "less than GOOD", which are used for the tank examination at annual intervals. 2. For void spaces bounding cargo holds of double-side skin bulk carriers exceeding 20 years of age and of 150m in length and upwards, it is required that the spaces in question should be

							examined at annual intervals where a hard protective coating is found to be in POOR condition. 3. It was clarified that oil tankers carrying oil in independent tanks which did not form part of the ship's hull were outside the scope of the ESP Code. 4. Timing of tank pressure testing for oil tankers at renewal survey was clarified.
7	Amendments to IBC Code	MSC.526(106)	Yes	enter into force on 2024.07.01	Ships carrying dangerous chemicals in bulk	which IBC Code apply	Amendments to IBC Code were adopted, in order to allow submersion of some hinged watertight doors considered for stability criteria at any stage of flooding, as well as the amendments to IGC Code which have been adopted at MSC 104.
8	International Code of Safety for Ships Carrying Industrial Personnel (IP Code)	MSC.527(106)	Yes	enter into force on 2024.07.01	Cargo Ship and High-speed Cargo Craft which carry more than 12 industrial personnel	GT≥500	As a mandatory Code referenced in SOLAS Chapter XV, it stipulates the relevant definitions and survey the certification requirements; the objectives and functional requirements of the Code; The relevant requirements of training, qualification and personnel transfer of industrial personnel are stipulated; For the ships certified in SOLAS Chapter I and Chapter X, technical regulations have been made on subdivision and stability, mechanical installation, electrical equipment, periodic unmanned engine room, fire fighting, lifesaving, dangerous goods and so on.
9	Performance Standards for Electronic Chart Display and Information Systems (ECDIS)	MSC.530(106)	No	enter into force on 2026.01.01	Any type	As specified in Para.2.10 of SOLAS Reg/V/19	Adopted an MSC resolution on Performance standards for electronic chart display and information systems (ECDIS), which revises resolution MSC.232(82) and introduces a phased implementation of new IHO product specifications (i.e. S-98, S-100 and S-101) for ECDIS as from 1 January 2026.

10	Performance Standards and Functional Requirements for the Long-Range Identification and Tracking of Ships	MSC.263(84)/Rev.1	No	NA	passenger ships and Cargo Ship(including high-speed craft);mobile offshore drilling units	Cargo ships with GT≥300 and all passenger ships	Update the reference to MSC.1/Circ.1259/Rev.9 , add the ship type in LRIT information, and delete the pricing information. At the same time, the resolutions of MSC.263(84), MSC.330(90) and MSC.400(95) are revoked.
11	Revised Interim Guidelines on Life-Saving Appliances and Arrangements for Ships Operating in Polar Waters	MSC.1/Circ.1614/Rev.1	No	Issued date 2022.12.05	Ships Operating in Polar Waters	NA	On the basis of the original circular, the methodology on how to estimate the maximum expected time of rescue method of estimating the waiting time for rescue of ships Operating in polar waters is added.
12	Revised Guidelines for the Approval of Fixed Dry Chemical Powder Fire-Extinguishing Systems for the Protection of Ships Carrying Liquefied Gases in Bulk	MSC.1/Circ.1315/Rev.1	No	Installed date 2023.07.01	Ships carrying liquefied gases bulk cargoes	which IGC Code apply	The revised Guidelines no longer restricts dry chemical powder to be potassium or prevent the use of sodium bicarbonate, and provides performance-based test methodologies for the approval of fixed dry chemical powder Fire extinguishing systems installed on or after 1 July 2023.
13	unified interpretations of SOLAS II-2	MSC.1/Circ.1655	No	Issued date 2022.12.05	Any type	Cargo ships with GT≥500 and all passenger	With regard to SOLAS regulations II-2/9.7.3.1.2 and 9.7.3.2, the Circular provides interpretations that the fire insulation for ducts and/or sleeves passing through “A” class division should be located on the same side of the division being fire insulated, with a minimum length of 450mm; and

						ships	that any clearance should not be allowed between a duct and “B” class bulkhead.
14	Revised standardized life-saving appliance evaluation and test report forms(survival craft)	MSC.1/Circ.1630/Rev.1	No	Issued date 2022.12.03	Any type	NA	The revised forms update the standard reference related to hydro-static release units and inflatable life-raft’s materials.
15	Guidance on the survey and certification of compliance of ships with the requirement to transmit LRIT information	MSC.1/Circ.1307/Rev.1	No	Issued date 2022.11.28	passenger ships and Cargo Ship(including high-speed craft);mobile offshore drilling units	Cargo ships with GT≥300 and all passenger ships	New provisions on mobile offshore drilling units such as "Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2009 (2009 MODU Code), adopted by resolution A.1023(26), in case their keel was laid or they were at a similar state of construction on or after 1 January 2012. " Delete the outdated content clause.
16	ECDIS - Guidance for good practice	MSC.1/Circ.1503/Rev.2	No	Issued date 2022.11.28	Any type	As specified in Para.2.10 of SOLAS Reg/V/19	The revised Guidance establishes the documentation and re-certification requirements for manufacturers and Type Approval Authority (TAA) to ensure the uniform implementation of ECDIS type approval when onboard ECDIS units are being updated.
17	Information on prohibiting the use of asbestos on board ships	MSC.1/Circ.1374/Rev.1	No	Issued date 2022.12.02	Any type	NA	For asbestos-containing gaskets installed onboard between 1 July 2002 and 1 January 2011 in contravention of SOLAS regulation II-1/3-5, the revised Circular allows a risk-based maintenance and monitoring programme in accordance with

							MSC/Circ.1045 instead of their removal within three(3) years. Such asbestos containing gaskets should be subsequently removed when planned repairs or removal of the relevant system is carried out.
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Note: In the column "Mandatory", "Yes" = mandatory; "No" = guidance;

In the columns "Ship size" and "Ship date", "L" = load line length; "LBP"=length between perpendiculars;

In the column "Ship date", "Any date"= applicable to ships built at any time; "K" = date of keel laying; "B" = date of construction;

"D"= date of delivery; "C" = date of contract for construction;