For BIS Use Only

BUREAU OF INDIAN STANDARDS

A G E N D A

Name of the Committee	Meeting Number	Date and Time	Day	Venue
Marine Engineering and Safety Aids Sectional Committee, TED 19	**Twenty Fourth Meeting**	**14 June 2024 1030 AM**	**Friday**	**Webex https://bismanak.webex.com/bismanak/j.php?MTID=m77aeb257e418471a2aad7522c23dd5e6**

CHAIRMAN: Shri Ajit Kumar Sukumaran

MEMBER SECRETARY: Mohammad Tausif

ITEM 0 GENERAL

0.1 Welcome by member secretary

0.2 Opening remarks by the Chairman

0.3 Adoption of the agenda

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The minutes of the twenty third meeting of Marine Engineering and Safety Aids Sectional Committee, TED 19 held on 15th September 2023 through virtual portal were circulated vide mail dated 16 October 2023. Last date to send comments was 27 January 2024. No comments have been received.

The committee may please confirm the minutes.

ITEM 2 COMPOSITION OF THE SECTIONAL COMMITTEE

2.1 As a matter of policy the sectional committees are to be reconstituted every three years.

The policy guidelines are:

a) Efforts shall be made to keep the strength of committee optimum;

b) Withdraw the nomination of the organizations who are continuing for long periods but are neither attending the committee meetings for the last three or more years nor contributing through correspondence/ mail;

c) Co-opt the new members and organizations whose inclusion will be helpful in the committee's work or which are capable of contributing in emerging new technologies and new areas of work;

d) Strength of the manufacturers should be restricted to 1/3rd of the total strength of the technical committee; and

e) NGOs wherever possible should also be co-opted.

The committee may please note.

2.2 The following directions have been received from the Competent Authority of the Bureau for reviewing the composition of the Sectional Committee:

a) Major Government purchasing organizations are to be given representation in the committees wherever applicable.

b) The continuation of committee membership, including those represented in individual capacity, is to be considered on the basis of past attendance and contribution.

c) In case a representative of the concerned organization is not attending the meeting regularly or not contributing even by correspondence, the organization may be requested to substitute their member.

d) Efforts should be made to include representatives of different product segments as per the scope of the committee.

e) Increased involvement of premier institutions like IIT, CSIR labs, IISc and other R & D organizations to be worked out.

f) Efforts should be made to include young professionals and scientists in the Committee.

The committee may please note.

2.3 The composition of Marine Engineering and Safety Aids Sectional Committee TED 19 is given as **Annex 1** The list shows the status of committee members as manufacturer, consumer, R&D etc. and also attendance of the members in the last three consecutive meetings. The representation of members who have not attended the last three meetings of the sectional committee may be reviewed as per guidelines.

2.4 The Committee may suggest means for identification and involvement of talent available in the country related to the subject dealt by the committee and methodology to involve them in the proceedings of the Committee. The Committee may also suggest means and ways to enhance the participation of the members in Committee work through participation in the meeting or sending comments on the documents.

The committee may deliberate and decide on further continuation/ deletion of organizations from the committee composition and co-option of new organizations in the committee composition

ITEM 3 ANNUAL CALENDAR OF MEETING 2024 – 2025

Tentative dates for meeting for the year 2024 – 2025 are given below.

1) Quarter 3 – September 2024

2) Quarter 4 – January 2025

The committee may deliberate and approve.

ITEM 4 R & D PROJECTS RECEIVED FROM THE EDUCATIONAL INSTITUTE

The Transport Engineering Department has received two R&D projects from the educational institute with which BIS has signed MoU. The received R&D projects title is given below:

1- Study of Cutter Suction Dredge Components (from NIT Jalandhar)
2- Study of marine heat exchangers for use on-board ships (from BITS Pilani & NIT Jalandhar)

The Committee may please note. Further to mention here that any committee member may also propose R&D projects.

ITEM 5 MEASURES TO ENSURE EFFECTIVE PARTICIPATION BY THE INDIAN EXPERTS AT ISO/IEC LEVELS TECHNICAL WORK PROGRAMME OF THE COMMITTEE

The committee may suggest ways and means to increase participation of Indian experts in ISO technical committees.

ITEM 6 NATIONAL AND INTERNATIONAL EVENTS TO BE PARTICIPATED ACTIVITIES

No major events identified at National Level for participation. However many international events are scheduled to be held:

https://www.eventseye.com/fairs/st1_trade-shows_shipping-engineering.html

The committee may suggest other national events for participation and may identify the international events for participation.

ITEM 7 CREATION OF POOL OF EXPERTS

The committee may suggest names of experts related to different product segments/areas under the sectional committee who can contribute towards standardization/ give inputs or can be part of a panel/ working group formed to review and revise a Indian Standard/Group of Indian Standards.

The committee may please deliberate and suggest names of different experts.

ITEM 8 NEW WORK PROPOSALS RECEIVED FROM THE DIRECTOR GENERAL OF POLICE, TAMIL NADU (appointed as Nodal Office by the BPR&D, MHA, GOI)

8.1 BIS is in receipt of a letter, **Rc. No. 05375/General.2(3)/2023, dated 13.03.2024** regarding a concept paper on "Marine Police Boats/Crafts" standardization prepared by the Additional Director General of Police, Coastal Security Group-CID, Tamil Nadu based on proceedings of the meeting held on 14.02.2024 for evolving the mechanism for Standardization of Police Force.

In this regard, a meeting was attended by Dr Sandeep Mittal (IPS), ADGP Coastal Tamil Nadu on 07 June 2024 at BIS Hqrs. During the meeting it was deliberated that a panel under TED 19 shall be constituted for the development of standards on the items given below in fast track mode as this concern to the National Security.

1- 4.7 Meters Rigid Inflatable Boat (RIB)*

2- 15.5 Meters Fast Interceptor Boat (FIB)

3- 5.2 and 11.13 Meters Flat Bottom Boat (FBB)

4- 27.6 Meters Interceptor Boats (IB) (Coast Guard Charlie Class)

5- 22.80 Meter Marine Ambulance

The proposed panel may comprise the following members:

A. ADGP Coastal Security Group-CID/Representative, Tamil Nadu
B. One Technical Representative from Indian Navy
C. One Technical Representative from Indian Coast Guard
D. One Representative from DG, Shipping
E. One Representative from Indian Register of Shipping
F. One Representative from GRSE, Kolkata
G. One Representative from Goa Shipyard
H. One Representative from Cochin Shipyard
I. One Representative from SHM, Group, Mumbai
J. One Representative from L&T Limited
K. One Representative from Indian Space Research Organization (NaVIC)
L. One Representative from TCS
M. One Representative from BEL or ECIL
N. One Representative from Engine Manufacturer (e.g. Cummins India or any other)
O. Other expert as appropriate

The committee may deliberate on the above and approve the NWP & Panel. The committee may also suggest a convener for this group.

**** IS 17952 (Part 3): 2022 is available for RIB which is the adoption of ISO 6185 (Part 3): 2014. ISO 6185 (Part 3) revised as 2024 version. In view of revision of ISO specification, IS 17952 (Part 3) may also be revised. All the Standard referred in ISO 6185 (Part 3): 2024 may also be adopted. List is given below.***

8.2 The following new work items were also received for the development of standards:

1- Alcohol resistant foam liquid concentrate for fire extinguishing of hydrocarbon and polar solvents fires in Ship- Specification.

2- Magazine Temperature Monitoring and Fire Fighting Systems to be installed onboard in ships (JSS 1290- 01 Standards developed by the DRDO). A mail from the DRDO received for the development of Indian Standards based on JSS standards.

The committee may deliberate on the above and approve the NWP.

ITEM 9 DRAFT INDIAN STANDARDS FOR FINALIZATION

9.1 TED 19 (18813) Lifeboat Crutches – Specification (Revision of IS 4551)

Doc no. TED 19 (18813) was circulated as WC draft vide mail dated 09 Feb 2024. Last date to send comments was 15 April 2024. No comments have been received.

The committee may deliberate and finalize the document for publication.

9.2 TED 19 (21868) Life-Buoys – Specification (Second Revision of IS 5326)

Doc no. TED 19 (21868) was circulated as WC draft vide mail dated 15 May 2024. Last date to send comments is 14 June 2024. No comments have been received.

The committee may deliberate and finalize the document for publication.

9.3 TED 19 (23070) International Shore Connections for use On-board ship - Specification (First Revision of IS 12266)

Doc no. TED 19 (23070) was circulated as WC draft vide mail dated 09 Feb 2024. Last date to send comments was 15 April 2024. No comments have been received till date.

The committee may deliberate and finalize the document for publication.

9.4 TED 19 (23098) Siganlling mirror for Lifeboats, Life-rafts and Rescue Boats for Sea-going Ships – Specification (First Revision of IS 12264)

Doc no. TED 19 (23098) was circulated as WC draft vide mail dated 15 May 2024. Last date to send comments is 14 June 2024. No comments have been received till date.

The committee may deliberate and finalize the document for publication.

ITEM 10 TECHNICAL WORK PROGRAMME OF THE COMMITTEE

10.1 The present programme of work of Marine engineering and Safety Aids Sectional Committee, TED 19 is given as Annex 2 of the agenda.

10.2 The present position of work of Marine engineering and Safety Aids Sectional Committee, TED 19 is given as Annex 3 of the agenda.

10.3 Competent authority has decided that all the Indian standards under the scope of the committee, which are published prior to year 2000, may be taken up for revision. The work may be completed at the earliest. List of Indian Standards to be taken for review/ revision is given as Annex 4 of the agenda.

10.4 As an on-going activity, the sectional committee reviews all the Indian Standards formulated by it at an interval of five years from the date of publication/ last review. Circumstances may lead to any earlier review. When reviewing a standard committee has five options available:

Reaffirmation indicating continuing current of the standard without change;

a) Amendment and reaffirmation indicating the continuing current of standard after necessary changes to bring it up to date;
b) Revision involving the routine procedure for new project and reaffirm for time being;
c) Declaration of obsolescence indicating by amendment that the standard is not recommended for use in new equipment but needs to be retained to provide for the servicing of existing equipment that is expected to have a long working life; and
d) Withdrawal indicating that the standard is no longer needed.

List of Indian Standards which are due for review in the year 2024 – 2025 is attached as Annex 4 of the agenda. The standards shall stand reaffirmed for a further period of five years if no comments are received.

The committee may please note and assign the Indian Standards to committee members for review and inputs.

10.5 Format to review Indian Standard with inputs of member secretary on the Indian Standard is given as Annex 5 of the agenda.

The committee may please note.

10.6 The Committee may also review the status of Indian Standards referred in various *Govt of India Rules* related to the committee and also deliberate on the formulation of Indian Standards for ISO/ other international standards referred in *Govt of India Rules* related to the committee.

10.7 The Committee may deliberate and decide about its future plans and strategy to be adopted during the next 5 years aiming at contribution in related standardization activity at national and international level. The Committee may please note and decide about new subjects to be taken up for formulation of national standards.

10.8 As per the latest policy and guidelines, before any new subject is taken up for formulation of National Standard the following issues are to be examined by BIS.

i) Whether the subject is financed by the proposer;
ii) Saleability of the standard;
iii) Standards shall be user friendly; and
iv) Social needs with regards to safety, health and environment.

Only after assessing the above aspects, it will be possible for BIS to consider the formulation of the Indian standard.

Committee may please note and decide/ deliberate about new subjects to be taken up for formulation of national standards.

ITEM 11 INTERNATIONAL ACTIVITIES

11.1 BIS membership in ISO technical committee and sub-committee relevant to TED 19 is given below:

Sl No.	ISO Committee	TITLE	Type of Mem.	Details (Date and Place) of meeting
1	ISO/TC8/SC6	Navigation and ship operations	O	2 Sep 2024 (Virtual)
2	ISO/TC8/SC4	Outfitting and deck machinery	O	11-12 Sep 2024 (Hong Kong)
3	ISO/TC 8	Ships and marine technology	P	23-27 Sep 2024 Panama City
4	ISO/TC 8/SC 1	Maritime safety	P	28-2 April-May 2025, Copenhagen (Denmark)

11.2 Closer Examination of the New Work Items Proposals Received From ISO

Following new proposals have been received from ISO. The committee may please deliberate on participation.

NEW PROPOSALS

Committee / Working Group	DOC No.	Title
IEC 80/1117/CDV	IEC 62288/AMD 1 ED 3 Amendment 1	Maritime navigation and radio communication equipment and systems – Presentation of navigation related information on shipborne navigational displays – General requirements, methods of testing and required test results
IEC 80/1120/NP	IEC 80/1120/NP	Maritime navigation and radio communication equipment and systems - Global navigation satellite systems (GNSS) - Part 8: Quasi-Zenith Satellite System (QZSS) receiver equipment - Performance requirements, methods of testing and required test results
IEC 80/1118/CD	IEC 63514 ED 1	Maritime navigation and radio communication equipment and systems – VHF Data Exchange System (VDES) – Shipborne mobile station – Operational and performance requirements, methods of test and required test results

11.3 The list of working groups/ panels with their titles under technical committee ISO/ TC 8 and its subcommittees ISO/ TC 8/ SC 1, ISO/ TC 8/ SC 4 and ISO/ TC 8/ SC 62 is given as Annex 6.

11.4 Committee members who wish to participate in sub-committee/ working group meetings are requested to forward their names, indicating the field of their expertise, to the sectional committee for consideration. After the due procedure they will be listed as experts in ISO global directory and contribute in international standardization work by participating in working group meetings.

The committee may please note and decide.

11.5 India is receiving the New Work Item Proposals, Committee Draft, Draft International Standards and Finalized Draft International Standards etc. from ISO committees and sub- committees. Wherever India is `P' member, it is obligatory on the part of India to vote on all the proposals. Presently BIS circulates ISO documents/ proposals to all the committee members of TED 19 through Email for eliciting technical comments. It is very important to send feedback to safe guard the Indian interest. So it is requested to send feedback without fail at least on adopted ISO standards. Based on the feedback received from members, India's ballot is cast.

ITEM 12 NEW INITIATIVES

12.1 Interaction with Standard Developing Organizations

A number of Standard Developing Organizations (SDOs) under various Govt Departments exist which cater to the needs of specific sectors by developing standards. It has been identified that an effort may be made to adopt/ upgrade such standards developed by these SDOs as Indian Standards so as to avoid duplication of work. Under the scope of TEDC, Automotive Industry Standards

Committee (AISC) and Central Motor Vehicle Rules – Technical Standing Committee (CMVR – TSC) are SDOs working in the Automobile area similar to those of TEDC.

The committee may please note

12.2 Technical Initiatives – Standardization Portal

In order to have a better overview and also use technology BIS has developed and installed Standardization software portal. It helps in electronic recording of data at different stages of standardization. Circulation of drafts and comments from committee members, programme of work, classification and cross referencing of standards has also been digitized. Composition of technical committees with names of the organizations and the members nominated by them is continuously updated.

ITEM 13 E-SALES OF STANDARDS

BIS has launched an e-sale of Indian Standards. Indigenous Indian Standards can be downloaded free from the link given below:

https://www.services.bis.gov.in:8071/php/BIS/PublishStandards/published

The committee may please note.

ITEM 14 ANY OTHER BUSINESS

a) For the greater engagement of academia in the standards formulation and R&D based development of standards BIS has signed MoU with more than 90 prominent technical institutes and universities. As a part of MoU it has been decided by the Competent Authority that at least one sectional committee meeting should be held in these MoU institutes as part of standards formulation promotion activities.

b) One day seminars as decided by the BIS should also be conducted in all these MoU institutes.

The committee may please note.

ITEM 15 DATE AND PLACE FOR THE NEXT MEETING

ANNEX 1

COMPOSITION OF MARINE ENGINEERING AND SAFETY AIDS SECTIONAL COMMITTEE, TED 19

21st Meeting	**30 March 2022**	**Virtual**
22nd Meeting	**12 October 2022**	**Virtual**
23rd Meeting	**15 September 2023**	**Virtual**

Sl. No.	Name of The Organization	Name of The Representatives Principal Member (Alternate Member) {Young professional Member}	Attendance			Status
			21st	22nd	23rd	
1.	Directorate General of Shipping, Mumbai	Shri Ajit Kumar Sukumaran (*CHAIRMAN*)	Y	Y	Y	G
2.	American Bureau of Shipping, Mumbai	Shri S N Bagchi (Shri A Das)	N	N	N	G
3.	Chowgule and Co. Pvt. Ltd., Goa	Shri Khrisler Mascarehas	Y	N	N	
4.	Cochin Shipyard Ltd, Kochi	Shri Harikrishnan S (Shri Arun kumar V)	Y	Y	Y	C
5.	Company of Master Mariners of India (CMMI)	Shri Dilip V Narsian (Capt. Suresh C Pant)	Y	Y	N	T
6.	Directorate General of Quality Assurance, New Delhi	Shri Moninder Pal Singh Azrot (Shri S M Bhosale)	Y	Y	N	G
7.	Directorate General of Shipping, Mumbai	Shri Gopikrishna C (Shri J Senthil Kumar)	Y	Y	N	G
8.	Directorate General of Naval headquarters, New Delhi	Shri Sujit Baxi (Shri Pankaj grover) {Shri Himanshu Sharma}	N	N	Y	G
9.	Indian Diesel Engine Manufacturers Association (IDEMA)	Shri Arvind Rangnathan (Shri Vishal M Thatte)	N	N	N	I
10.	Indian Maritime University (IMU), Visakhapatnam	Shri Premchand M (Shri D S P Vidyasagar)	N	N	Y	T
11.	Indian National Ship-owner's Association	Dr. Brijendra Saxena (Shri Kapil P Kekre)	Y	N	Y	I
12.	Indian Register of Shipping, Mumbai	Shri Tapan Kumar Sahu (Shri Ajay Kumar Sinha) {Shri Bhaskar Shankar Gole}	Y	Y	Y	G
13.	Indian Space Research Organization	Shri P V Faizal Jeswant (Shri Sajith P)	Y	Y	Y	

Sl. No.	Name of The Organization	Name of The Representatives Principal Member (Alternate Member) {Young professional Member}	Attendance			Status
			21st	22nd	23rd	
14.	Institute of Marine Engineers (India), Mumbai	Shri Rajeev Nayyer (Shri Bhupesh Tater)	Y	N	Y	
15.	Integrated Fire Protection Pvt. Ltd., Kolkata	Dr. Aswini Kumar Karmakar (Shri Anujit Kumar Mukherjee) {Shri Arnab Bhattacharya}	Y	Y	N	I
16.	K V Fire Chemicals India Pvt. Ltd., Navi Mumbai	Shri Rajesh Sabadra (Shri Sudhir Kadam)	Y	N	N	I
17.	KEC International Limited, Mumbai	Shri Ramnik Arora	NA	NA	N	
18.	Mazagon Dock Ltd., Mumbai	Shri Biju George (Shri Sriram Venkatramanan)	Y	N	Y	C
19.	Ministry of Ports, Shipping and Inland Waterways, New Delhi	Shri Anil Pruthi (Shri Ramji Singh)	Y	N	Y	G
20.	National Institute of Ocean Technology, Chennai	Shri D Rajasekhar (Shri D Narendra Kumar) (Shri Ananthakrishna)	Y	Y	Y	T
21.	Shipyards Association of India, New Delhi	Shri Sanjeev Malik	Y	Y	Y	I
22.	The Shipping Corporation of India	Shri N K Tripathi (Shri Abhishek Kashyap)	Y	Y	Y	T

ANNEX 2

TED 19 MARINE ENGINEERING AND SAFETY AIDS

SCOPE - Standardization of all fittings for main propelling machinery, auxiliary machinery, testing procedures auxiliaries required for the operation of main propulsive machinery, marine internal combustion engine, heat exchanger and fittings; winches, windlasses and steering gears; machinery for dredgers, tugs and other small crafts. buoyant apparatus; lifebuoy; distress signals and other lifesaving equipment lifeboats, liferafts and launching gear; equipment, systems and engineering for firefighting, fire protection and detection etc; magnetic and gyro compasses and connected items; signaling equipment navigation lights and shapes; clinometer, navigational sextant, instruments for chart work etc; auto alarm; auto keying devices;

Co-ordination of work with ISO/ TC 8 and its relevant Sub-Committees.

S. No.	IS No.	Title	Reaffirmation Details	No. of Amendments
1.	IS 10007 : 1981	Lifeboats' Steel Blocks	March, 2021	-
2.	IS 10492 : 1983	General requirements and testing of anchor cable stoppers	May, 2019	-
3.	IS 10746 (Part 1) : 1983	Specification for shell and tube type marine heat exchangers: Part 1 application standard	May, 2019	-
4.	IS 10746 (Part 2) : 1983	Specification for shell and tube type marine heat exchangers: Part 2 general requirements	May, 2019	-
5.	IS 11125 : 1984	General requirements for plate heat exchangers for marine use	January, 2021	1
6.	IS 11608 : 1986	Specification for signal ling whistle for life saving appliances for sea - Going ships	March, 2021	-
7.	IS 11641 : 1986	General requirements and testing of marine inflatable life rafts	March, 2021	-
8.	IS 12156 : 2006 ISO 9089:1989	Marine structures - Mobile offshore units - Anchor winches (First Revision)	January, 2021	-
9.	IS 12264 : 1987	Signaling Mirror for Lifeboats and Life rafts for Sea-going Ships	March, 2021	-
10.	IS 12264 : 1987	Specification for signal ling mirror for lifeboats and life rafts for sea - Going ships	March, 2016	-
11.	IS H12264 : 1987	Signaling Mirror for Lifeboats and Life rafts for Sea-going Ships (HINDI)	March, 2016	-
12.	IS 12266 : 1987	international shore connection for use on board ship	March, 2021	-
13.	IS 12266 : 1987	Specification for international shore connections for use on board ship	March, 2016	-
14.	IS H12266 : 1987	international shore connection for use on	March, 2016	-

S. No.	IS No.	Title	Reaffirmation Details	No. of Amendments
		board ship (HINDI)		
15.	IS 12268 (Part 1) : 1987 ISO 6552:1981	Specification for automatic siEam traps for marine use: Part 1 glossary of terms	March, 2021	-
16.	IS 12268 (Part 2) : 1988 ISO 6704:1982	Specification for automatic steam traps for marine use: Part 2 classification	March, 2021	-
17.	IS 12268 (Part 3) : 1989 ISO 6554:1980	Shipbuilding - Automatic steam traps for marine use: Part 3 face - To - Face dimensions	May, 2019	-
18.	IS 12268 (Part 4) : 1989 ISO 6948:1981	Shipbuilding - Automatic steam traps for marine use: Part 4 performance test	May, 2019	-
19.	IS 12268 (Part 5) : 1987 ISO 6553:1980	Specification for automatic steam traps for mar - Ine use: Part 5 marking	March, 2021	-
20.	IS 12719 : 1989 ISO 7825:1985	Ship building - Deck machinery - General requirements	May, 2019	-
21.	IS 12794 : 1989	Shipbuilding - Steam traps - Guidelines for selection	May, 2019	-
22.	IS 13632 : 2021	Ships and Marine Technology Marine Gyro-Compasses		-
23.	IS 13708 (Part 1) : 2014 ISO 8729-1:2010	Ships and marine technology - Marine radar reflectors: Part 1 passive type (Second Revision)	July, 2019	-
24.	IS 13708 (Part 2) : 2014 ISO 8729-2:2009	Ships and marine technology - Marine radar reflectors: Part 2 active type (Second Revision)	May, 2019	-
25.	IS 14270 (Part 1) : 1995	Shipbuilding pyrotechnic distress signals for ships: Part 1 general requirements	May, 2019	-
26.	IS 14270 (Part 2) : 1997	Shipbuilding - Pyrotechnic distress signals for ships: Part 2 red flare parachute signal - Specification	March, 2021	-
27.	IS 14270 (Part 3) : 1997	Shipbuilding - Pyrotechnic distress signals for ships: Part 3 red star rocket signal - Specification	March, 2021	-
28.	IS 14270 (Part 4) : 1997	Shipbuilding - Pyrotechnic distress signals for ships: Part 4 white flare signal - Specification	March, 2021	-
29.	IS 14270 (Part 5) : 1997	Shipbuilding - Pyrotechnic distress signals for ships: Part 5 white flare parachute signal - Specification	March, 2021	-
30.	IS 14270 (Part 8) : 1997	Shipbuilding - Pyrotechnic distress signals for ships: Part 8 orange smoke signal - Specification	March, 2021	-

S. No.	IS No.	Title	Reaffirmation Details	No. of Amendments
31.	IS 15052 : 2002	Shipbuilding - Diesel propulsion system responsibility - Requirements	January, 2023	-
32.	IS 15053 : 2001	Shipbuilding - Hydraulic steering gears for vessels below 500 GRT - General requirements	March, 2021	1
33.	IS 15324 : 2003	Shipbuilding - Selection and testing of air starting systems - Code of practice	June, 2023	-
34.	IS 15632 : 2018 ISO 16165:2013	Ships and marine technology - Marine environment protection - Terminology relating to oil spill response (First Revision)	March, 2021	-
35.	IS 16323 : 2017 ISO 25862:2009	Ships and Marine Technology - Marine Magnetic Compasses, Binnacles and Azimuth Reading Devices	August, 2022	-
36.	IS 17536 (Part 1) : 2021 ISO 18079-1	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 1: General		-
37.	IS 17536 (Part 2) : 2021 ISO 18079-2	Ships and marine technology -- Servicing of inflatable life-saving appliances -- Part 2: Inflatable life rafts		-
38.	IS 17536 (Part 3) : 2021 ISO 18079-3	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 3: Inflatable lifejackets		-
39.	IS 17536 (Part 4) : 2022 ISO 18079-4	Ships and marine technology -- Servicing of inflatable life-saving appliances -- Part 4: Marine evacuation systems		-
40.	IS 17536 (Part 5) : 2021 ISO 18079-5	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 5: Inflated rescue boats		-
41.	IS 17564 : 2021 ISO 15371	Ships And Marine Technology - Fire-Extinguishing Systems For Protection of Galley Cooking Equipment		-
42.	IS 3573 : 2010	Sea anchors for lifeboats and life rafts - Specification (First Revision)	January, 2020	-
43.	IS 3580 : 2007	General requirements for distress signals for lifeboats and life rafts (First Revision)	January, 2023	-
44.	IS 3586 : 2007	Recommendation for lifeboats equipment (First Revision)	January, 2023	-
45.	IS 3732 : 2013	Rigid life rafts - Specification (First Revision)	May, 2023	-
46.	IS 3947 : 1994	Shipbuilding - Testing, installation and maintenance of marine portable fire appliances - Code of practice (First Revision)	July, 2019	-
47.	IS 3979 : 1998	Shipbuilding - Testing of marine diesel engines - Code of practice (First Revision)	October, 2023	-
48.	IS 4259 : 1967	Code of practice for erection and calibration of direction - Finders (Medium Frequency)	May, 2019	1

S. No.	IS No.	Title	Reaffirmation Details	No. of Amendments
		for marine use		
49.	IS 4549 : 1968	Specification for lifeboat compass - Liquid type	March, 2021	-
50.	IS 4550 : 1968	Recommendation for positioning of magnetic compasses in ships	March, 2021	-
51.	IS 4551 : 1968	Specification for lifeboat crutches	March, 2021	-
52.	IS 4568 : 2007	Lifeboat oars (Wood) - Specification (First Revision)	January, 2023	-
53.	IS 4601 (Part 1) : 1968	Navigation lights for large sea - Going power - Driven vessels: Part 1 positioning and screening of lights	May, 2019	-
54.	IS 4601 (Part 2) : 1968	Navigation lights for large sea - Going power driven vessels: Part 2 oil lanterns	May, 2019	-
55.	IS 4602 : 1968	General requirements and testing of lifeboats for less than one hundred persons	May, 2019	-
56.	IS 5112 : 1972	General requirements and testing of ac cargo winches (for shipboard use) (First Revision)	May, 2019	-
57.	IS 5113 : 2021	Shipbuilding and marine structures - Mooring winches (Third Revision)		-
58.	IS 5130 : 1969	Specification for drums fitted to cargo and mooring winches	May, 2019	-
59.	IS 5289 : 1989	Shipbuilding - Magnetic compasses and binnacles - Glossary of terms (First Revision)	May, 2019	-
60.	IS 5314 : 1986	Specification for graduated drinking vessels for lifeboats and life rafts for sea - Going ships (First Revision)	March, 2021	-
61.	IS 5326 : 2007	Life - Buoys - Specification (First Revision)	January, 2023	-
62.	IS 5327 : 1969	Specification for rigid bailers for lifeboats	May, 2019	-
63.	IS 5376 : 1969	Specification for dioptric lenses for navigational lanterns	May, 2019	-
64.	IS 5385 : 2007	Lifeboat accessories - Specification (First Revision)	January, 2023	-
65.	IS 5386 : 1969	General purpose Ship's Davit	March, 2021	-
66.	IS 6675 : 1972	Specification for cable lifters for windlasses	March, 2021	-
67.	IS 6685 : 2009	Life jackets - Specification (First Revision)	March, 2019	-
68.	IS 7411 (Part 1) : 1974	Ships' Intermediate Shafts (Integral Flange) - Part I : For Port Crafts	May, 2019	-
69.	IS 7411 (Part 2) : 1974	Ships' Intermediate Shafts (Integral Flange) - Part II : For Sea-going Vessels	May, 2019	-

S. No.	IS No.	Title	Reaffirmation Details	No. of Amendments
70.	IS 7723 : 1975	Ships' Flag Staff	March, 2021	-
71.	IS 7937 : 2012	Shipbuilding - Sea - Going vessels - Windlasses and anchor capstans (Third Revision)	February, 2022	-
72.	IS 8114 : 1984	Guidelines for machining dimensions of propeller hubs with keyway (First Revision)	January, 2021	-
73.	IS 8173 : 1984	Specification for propeller shafts (With Keyway) of diameter 20 to 160 mm (First Revision)	January, 2021	1
74.	IS 8650 : 2015 ISO 3828:2008	Shipbuilding and marine structures - Deck machinery - Vocabulary and symbols (Second Revision)	March, 2020	-
75.	IS 8993 : 2004 ISO 6555:1998	Shipbuilding - Topping (First Revision)	May, 2019	-
76.	IS 8994 : 2021	Ships and Marine Technology Deck Machinery Accommodation Ladder Winches		-
77.	IS 9067 : 2012 ISO 15516:2006	Ships and marine technology - Launching appliances for davit - Launched lifeboats (Second Revision)	February, 2022	-
78.	IS 9464 : 1980	Specification for horizontal centrifugal pumps for marine use	March, 2021	-
79.	IS 9837 : 1981	Code for testing of marine centrifugal oil purifiers	March, 2021	-
80.	IS 9852 : 1981	General requirements and testing of capstans	March, 2021	-

ANNEX 3

POSITION OF WORK

PRELIMINARY DRAFT

Sl. No.	Doc. Number	Title
		NIL

DRAFTS STANDARDS IN WC STAGE

Sl. No.	Doc. Number	Title
1.	TED 19 (21868)	Life-Buoys – Specification (Revision of: IS 5326:2007)
2.	TED 19 (23070)	International Shore Connections For Use on Board Ship – Specification (Revision of: IS 12266:1987)
3.	TED 19 (23098)	Siganlling mirror for Lifeboats, Life-rafts and Rescue Boats for Sea-going Ships – Specification (First Revision of IS 12264)
4.	TED 19 (18813)	Lifeboat Crutches – Specification (Revision of IS 4551)

FINALIZED DRAFT INDIAN STANDARDS UNDER PRINT

Sl. No.	Doc. Number	Title
1.	TED 19 (16834)	Horizontal Centrifugal Pumps for Marine Use – Specification (Revision of: IS 9464:1980)

ANNEX 4

S. No.	IS Number	IS Title	Last Reaffirmation Year	Due Date
1	IS 10492 : 1983 Reviewed In : 2019	General requirements and testing of anchor cable stoppers	2019	May, 2024
2	IS 10746 (Part 1) : 1983 Reviewed In : 2019	Specification for shell and tube type marine heat exchangers: Part 1 application standard	2019	May, 2024
3	IS 10746 (Part 2) : 1983 Reviewed In : 2019	Specification for shell and tube type marine heat exchangers: Part 2 general requirements	2019	May, 2024
4	IS 12268 (Part 3) : 1989 ISO 6554:1980 Reviewed In : 2019	Shipbuilding - Automatic steam traps for marine use: Part 3 face - To - Face dimensions	2019	May, 2024
5	IS 12268 (Part 4) : 1989 ISO 6948:1981 Reviewed In : 2019	Shipbuilding - Automatic steam traps for marine use: Part 4 performance test	2019	May, 2024
6	IS 12719 : 1989 ISO 7825:1985 Reviewed In : 2019	Ship building - Deck machinery - General requirements	2019	May, 2024
7	IS 12794 : 1989 Reviewed In : 2019	Shipbuilding - Steam traps - Guidelines for selection	2019	May, 2024
8	IS 14270 (Part 1) : 1995Reviewed In : 2019	Shipbuilding pyrotechnic distress signals for ships: Part 1 general requirements	2019	May, 2024
9	IS 3573 : 2010 Reviewed In : 2020	Sea anchors for lifeboats and liferafts - Specification (First Revision)	2020	January, 2025
10	IS 3947 : 1994 Reviewed In : 2019	Shipbuilding - Testing, installation and maintenance of marine portable fire appliances - Code of practice (First Revision)	2019	July, 2024
11	IS 4259 : 1967 Reviewed In : 2019	Code of practice for erection and calibration of direction - Finders (Medium Frequency) for marine use	2019	May, 2024
12	IS 4601 (Part 1) : 1968 Reviewed In : 2019	Navigation lights for large sea - Going power - Driven vessels: Part 1 positioning and screening of lights	2019	May, 2024
13	IS 4601 (Part 2) : 1968 Reviewed In : 2019	Navigation lights for large sea - Going power driven vessels: Part 2 oil lanterns	2019	May, 2024
14	IS 4602 : 1968 Reviewed In : 2019	General requirements and testing of lifeboats for less than one hundred persons	2019	May, 2024
15	IS 5112 : 1972 Reviewed In : 2019	General requirements and testing of ac cargo winches (for shipboard use) (First Revision)	2019	May, 2024

S. No.	IS Number	IS Title	Last Reaffirmation Year	Due Date
16	IS 5130 : 1969 Reviewed In : 2019	Specification for drums fitted to cargo and mooring winches	2019	May, 2024
17	IS 5289 : 1989 Reviewed In : 2019	Shipbuilding - Magnetic compasses and binnacles - Glossary of terms (First Revision)	2019	May, 2024
18	IS 5327 : 1969 Reviewed In : 2019	Specification for rigid bailers for lifeboats	2019	May, 2024
19	IS 5376 : 1969 Reviewed In : 2019	Specification for dioptric lenses for navigational lanterns	2019	May, 2024
20	IS 8650 : 2015 ISO 3828:2008 Reviewed In : 2020	Shipbuilding and marine structures - Deck machinery - Vocabulary and symbols (Second Revision)	2020	March, 2025
21	IS 8993 : 2004 ISO 6555:1998 Reviewed In : 2019	Shipbuilding - Topping (First Revision)	2019	May, 2024
22	IS 7411 (Part 1) : 1974 Reviewed In : 2019	Ships' Intermediate Shafts (Integral Flange) - Part I : For Port Crafts	2019	May, 2024
23	IS 7411 (Part 2) : 1974 Reviewed In : 2019	Ships' Intermediate Shafts (Integral Flange) - Part II : For Sea-going Vessels	2019	May, 2024
24	IS 13708 (Part 2) : 2014 ISO 8729-2:2009 Reviewed In : 2019	Ships and marine technology - Marine radar reflectors: Part 2 active type (Second Revision)	2019	May, 2024
25	IS 13708 (Part 1) : 2014 ISO 8729-1:2010 Reviewed In : 2019	Ships and marine technology - Marine radar reflectors: Part 1 passive type (Second Revision)	2019	July, 2024

ANNEX 5
***(Item* 14.5)**

REVIEW ANALYSIS OF INDIAN STANDARD
(To be submitted to the Sectional Committee)

1. Sectional Committee No. & Title: TED 19 Marine Engineering and Safety Aids Sectional Committee

2. **IS No:** 12264:1987

3. Title: Specification for signaling mirror for lifeboats and life rafts for sea-going ships

4. Date of review: 27 05 2021

5. Review Analysis

i) Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

Standard (No. & Title)	**Whether the standard has since been revised**	**Major changes**	**Action proposed**
GOST 11591:1974 Signalling mirror	No information available		

ii) Status of standards referred in the IS

Referred standards (No. & Title)	**IS No. of this standards since revised**	**Changes that are of affecting the standard under review**	**Action proposed**
IS 6911:1972 Specification for stainless steel plate sheet and strip'	IS 6911:2017 Stainless steel plate, sheet and strip - Specification (Second Revision)	Cl 2.1, Table 1 to be reviewed since Indian Standard has been revised.	Reference to latest Indian Standard may be made.

IS 7328:1974 'Specification for high density polyethylene materials for moulding and extrusion'	IS 7328:2020 Specification for Polyethylene Material for Moulding and Extrusion (Third Revision)	Cl 2.1, Table 1 to be reviewed since Indian Standard has been revised.	Reference to latest Indian Standard may be made.
IS 9536:1980 Specification for nylon cord'	IS 9536:1989 Polyamide cord – Specification (first revision)	Cl 2.1, Table 1 to be reviewed since Indian Standard has been revised.	Reference to latest Indian Standard may be made.
IS 1260 (Part 2):1979 Pictorial markings for handling and labelling of goods: Part 2 General goods (Second Revision)	IS 1260 (Part 2):2020 Packaging — Distribution Packaging — Graphical Symbols for Handling and Storage of Packages Part 2 General Goods (Fourth Revision)	Cl 7.3 to be reviewed since Indian Standard has been revised.	Reference to latest Indian Standard may be made.

iii) Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard)

Standard (No. & Title)	**Provisions that could be relevant while reviewing the IS**	**Action proposed**

iv) Technical comments on the standard received, if any

Source	**Clause of IS**	**Comment**	**Action proposed**

v) Information available on technical developments that have taken place (on product/processes/practices/use or application/testing/input materials, etc)

Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
Committee members especially users and from industry are requested to give inputs on technical development that has been taken place on product/ processes/ practices/ use or application/ testing/ input materials, etc. so that Indian Standard is revised after incorporating the inputs. If this standard is not used by the industry, having become obsolete due to the advancements in technical development, it may be considered for withdrawal.			

vi) Issues arising out of changes in any related IS or due to formulation of new Indian Standard

Related IS and its Title (revised or new)	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
Nil			

vii) Any consequential changes to be considered in other IS

Related IS to get impacted	Requirements to be impacted
Nil	

6. Any other observation:

The revision will essentially take care of the following also:

a) Publication of standard in A4 size and as per latest format.

b) Introduction of Hindi title on the first cover page.

c) Introduction of ICS No. in place of UDC No. on first cover page.

d) Copyright details and name/address of the institution and other details as per the latest practice.

e) Style of Foreword to be as per the latest practice, indicating all previous versions, and introducing a Para on the current revision.

f) Introduction of Clause **2** 'References' (as per the latest format), and accordingly renumbering of all subsequent clauses;

j) Updating the details of types/ classes/ grades/ ratings, etc. as per the latest cross-referred standards, such as in case of reference to another standard for material and its grade where the grades have since been modified in the latest revision of the cross-referred standard.Use of latest style, manner and wordings, etc., such as 'Annex' for 'Appendix'.

k) Corrections of editorial/ typographical mistakes in the existing standards and incorporation of all the issued amendments.

m) Removal of informatory list of standards at the end, if any.

n) Updation of back cover page with mention of new document number, current details of information shared therein including BIS offices.

7. Recommendations: In view of above, it is proposed that IS 12264:1964 may be taken up for action research keeping in view the technological advancements in the sector and the current manufacturing practices followed by industry.

ANNEX 6

List of Working Groups/ Panel

ISO/ TC 8 — SHIPS AND MARINE TECHNOLOGY

Reference	Title	Name of Expert
ISO/TC 8/AG 1	Chair's Advisory Group	
ISO/TC 8/WG 3	Special offshore structures and support vessels	
ISO/TC 8/WG 4	Maritime security	
ISO/TC 8/WG 6	Ship recycling	
ISO/TC 8/WG 8	Liquid and gas fueled vessels	
ISO/TC 8/WG 10	Smart shipping	
ISO/TC 8/WG 11	Dredgers	
ISO/TC 8/WG 12	Aquatic nuisance species	
ISO/TC 8/WG 14	Maritime education and training	
ISO/TC 8/WG 15	Ocean Negative Carbon Emissions and Carbon Neutrality (ONCE-CN)	

ISO/ TC 8/ SC 1 — MARITIME SAFETY

Reference	Title	Name of Expert
ISO/ TC 8/ SC 1/ WG 1	Lifesaving appliances and arrangements	
ISO/ TC 8/ SC 1/ WG 2	Miscellaneous Safety Equipment	
ISO/ TC 8/ SC 1/ WG 3	Fire protection	

ISO/ TC 8/ SC 4 — OUTFITTING AND DECK MACHINERY

Reference	Title	Name of Expert
ISO/TC 8/SC 4/WG 2	Deck machinery	
ISO/TC 8/SC 4/WG 3	Outfitting	
ISO/TC 8/SC 4/WG 4	Ship's mooring and towing fittings	
ISO/TC 8/SC 4/WG 6	Marine lifting appliances	
ISO/TC 8/SC 4/WG 7	Marine cargo securing devices	
ISO/TC 8/SC 4/WG 11	Marine equipment with Hi-Mn steel for cryogenic temperature	

ISO/ TC 8/ SC 6 — NAVIGATION AND SHIP OPERATION

Reference	Title	Name of Expert
ISO/ TC 8/ SC 6/ WG 1	Gyro compasses	
ISO/ TC 8/ SC 6/ WG 5	Night vision equipment for high speed craft	
ISO/ TC 8/ SC 6/ WG 9	Indicators	
ISO/ TC 8/ SC 6/ WG 16	Ship Communication Network Systems	
ISO/ TC 8/ SC 6/ WG 17	Speed trial data analysis	

(ISO COMMITTEES & ISO STANDARDS)

ISO/TC 8 Ships and Marine Technology (Published)

S. No.	ISO No.	Title
1.	ISO 3725:2023	Ships and marine technology — Aquatic nuisance species — Methods for evaluating the performance of compliance monitoring devices for ballast water discharges
2.	ISO 11711-1:2019	Ships and marine technology — Aquatic nuisance species — Part 1: Ballast water discharge sample port
3.	ISO 11711-2:2022	Ships and marine technology — Aquatic nuisance species — Part 2: Ballast water sample collection and handling
4.	ISO 15849:2001	Ships and marine technology — Guidelines for implementation of a fleet management system network
5.	ISO 15849:2001/Amd 1: 2003	Ships and marine technology — Guidelines for implementation of a fleet management system network — Amendment 1
6.	ISO 20519:2021	Ships and marine technology — Specification for bunkering of liquefied natural gas fuelled vessels
7.	ISO 20661:2020	Ships and marine technology — Cutter suction dredger supervisory and control systems
8.	ISO 20662:2020	Ships and marine technology — Hopper dredger supervisory and control systems
9.	ISO 20663:2020	Ships and marine technology — Grab dredger supervisory and control systems
10.	ISO 21593:2019	Ships and marine technology — Technical requirements for dry-disconnect/connect couplings for bunkering liquefied natural gas
11.	ISO 22547:2021	Ships and marine technology — Performance test procedures for high-pressure pumps in LNG fuel gas supply systems (FGSS) for ships
12.	ISO 22548:2021	Ships and marine technology — Performance test procedures for LNG fuel gas supply systems (FGSS) for ships

S. No.	ISO No.	Title
13.	ISO 23152:2021	Ships and marine technology — Ballast water management systems (BWMS) — Computational physical modelling and calculations on scaling of UV reactors
14.	ISO 23314-2:2021	Ships and marine technology — Ballast water management systems (BWMS) — Part 2: Risk assessment and risk reduction of BWMS using electrolytic methods
15.	ISO 23780-1:2023	Ships and marine technology — Procedure for testing the performance of continuous monitoring TRO sensors used in ships — Part 1: DPD sensors
16.	ISO 23799:2024	Ships and marine technology — Assessment of onboard cyber safety
17.	ISO 23806:2022	Ships and marine technology — Cyber safety
18.	ISO 23807:2023	Ships and marine technology — General requirements for the asynchronous time-insensitive ship-shore data transmission
19.	ISO/TS 23860:2022	Ships and marine technology — Vocabulary related to autonomous ship systems
20.	ISO 24438:2023	Ships and marine technology — Maritime education and training — Maritime career guidance
21.	ISO 28004-2:2014	Security management systems for the supply chain — Guidelines for the implementation of ISO 28000 — Part 2: Guidelines for adopting ISO 28000 for use in medium and small seaport operations
22.	ISO 28007-1:2015	Ships and marine technology — Guidelines for Private Maritime Security Companies (PMSC) providing privately contracted armed security personnel (PCASP) on board ships (and pro forma contract) — Part 1: General
23.	ISO 29400:2020	Ships and marine technology — Offshore wind energy — Port and marine operations
24.	ISO 29404:2015	Ships and marine technology — Offshore wind energy — Supply chain information flow
25.	ISO 30000:2009	Ships and marine technology — Ship recycling management systems — Specifications for management systems for safe and environmentally sound ship recycling facilities
26.	ISO 30002:2012	Ships and marine technology — Ship recycling management systems — Guidelines for selection of ship recyclers (and pro forma contract)
27.	ISO 30003:2009	Ships and marine technology — Ship recycling management systems — Requirements for bodies providing audit and certification of ship recycling management
28.	ISO 30004:2012	Ships and marine technology — Ship recycling management systems — Guidelines for the implementation of ISO 30000

S. No.	ISO No.	Title
29.	ISO 30005:2012	Ships and marine technology — Ship recycling management systems — Information control for hazardous materials in the manufacturing chain of shipbuilding and ship operations
30.	ISO 30006:2010	Ship recycling management systems — Diagrams to show the location of hazardous materials onboard ships
31.	ISO 30007:2010	Ships and marine technology — Measures to prevent asbestos emission and exposure during ship recycling

ISO/TC 8 Ships and Marine Technology (Under Development)

S. No.	ISO No.	Title
1.	ISO/PRF 4891	Ships and marine technology — Interoperability of smart applications for ships
2.	ISO/DIS 7613	Ships and marine technology — Hopper dredger — Trailing suction tube position monitoring system
3.	ISO/DIS 8933-1	Ships and marine technology — Energy efficiency — Part 1: Energy efficiency of individual maritime components
4.	ISO/FDIS 8933-2	Ships and marine technology — Energy efficiency — Part 2: Energy efficiency of maritime functional systems
5.	ISO/CD 16259	Ships and marine technology — Performance test procedures of LNG BOG re-liquefaction system on board a ship
6.	ISO/CD 18131	Ships and marine technology — General requirements for publish-subscribe architecture on ship-shore data communication
7.	ISO/CD 21154	Ships and marine technology--Boil-off-Rate Measurement Method for Cargo Containment System of LNG Ship
8.	ISO/AWI 22120	Ships and marine technology — Specification for bunkering of methanol fuelled vessels
9.	ISO/AWI 23817	Ships and marine technology — Ballast water management systems (BWMS)--Commissioning testing procedures for BWMS using electrolytic methods
10.	ISO/AWI 30002	Ships and marine technology — Ship recycling management systems — Guidelines for selection of ship recyclers (and pro forma contract)
11.	ISO/DIS 30005	Ships and marine technology — Ship recycling management — Information control for hazardous materials in the manufacturing chain of shipbuilding and ship operations
12.	ISO/AWI 30006	Ship recycling management systems — Diagrams to show the location of hazardous materials onboard ships

ISO/TC 8/SC 1 Marine Safety (Published)

S. No.	ISO No.	Title
1.	ISO 799-1:2019	Ships and marine technology — Pilot ladders — Part 1: Design and specification
2.	ISO 799-2:2021	Ships and marine technology — Pilot ladders — Part 2: Maintenance, use, survey, and inspection
3.	ISO 799-3:2022	Ships and marine technology — Pilot ladders — Part 3: Attachments and associated equipment
4.	ISO 4001:1977	Shipbuilding — Inland navigation — Raft-type life-saving apparatus
5.	ISO 4143:1981	Shipbuilding — Inland vessels — Open rowing lifeboats
6.	ISO 5476:2023	Ships and marine technology — Virtual reality and simulation training systems for lifesaving appliances and arrangements
7.	ISO 5488:2015	Ships and marine technology — Accommodation ladders
8.	ISO 5489:2024	Ships and marine technology — Embarkation ladders
9.	ISO 7061:2015	Ships and marine technology — Aluminium shore gangways for seagoing vessels
10.	ISO 7364:2016	Ships and marine technology — Deck machinery — Accommodation ladder winches
11.	ISO 13122:2011	Ships and marine technology — Launching appliances for davit-launched liferafts
12.	ISO 15370:2021	Ships and marine technology — Low-location lighting (LLL) on passenger ships — Arrangement
13.	ISO 15370:2021/Amd 1:2023	Ships and marine technology — Low-location lighting (LLL) on passenger ships — Arrangement — Amendment 1
14.	ISO 15371:2015	Ships and marine technology — Fire-extinguishing systems for protection of galley cooking equipment
15.	ISO 15372:2000	Ships and marine technology — Inflatable rescue boats — Coated fabrics for inflatable chambers
16.	ISO 15372:2000/Amd 1:2021	Ships and marine technology — Inflatable rescue boats — Coated fabrics for inflatable chambers — Amendment 1: Oil-resistance test
17.	ISO 15516:2006	Ships and marine technology — Launching appliances for davit-launched lifeboats
18.	ISO 15734:2001	Ships and marine technology — Hydrostatic release units
19.	ISO 15736:2006	Ships and marine technology — Pyrotechnic life-saving appliances — Testing, inspection and marking of production units

S. No.	ISO No.	Title
20.	ISO 15738:2019	Ships and marine technology — Maritime safety — Gas inflation systems for inflatable life-saving appliances
21.	ISO 16437:2012	Ships and marine technology - Lifesaving and fire protection — Atmospheric oil mist detectors for ships
22.	ISO 16706:2016	Ships and marine technology — Marine evacuation systems — Load calculations and testing
23.	ISO 16707:2016	Ships and marine technology — Marine evacuation systems — Determination of capacity
24.	ISO 17338:2009	Ships and marine technology — Drawings for fire protection — Indications of fire rating by divisions for ships and high-speed craft
25.	ISO 17339:2018	Ships and marine technology — Life saving and fire protection — Sea anchors for survival craft and rescue boats
26.	ISO 17631:2022	Ships and marine technology — Shipboard plans for fire control, damage control, life-saving appliances and means of escape
27.	ISO 18079-1:2018	Ships and marine technology — Servicing of inflatable life-saving appliances — Part 1: General
28.	ISO 18079-2:2018	Ships and marine technology — Servicing of inflatable life-saving appliances — Part 2: Inflatable life rafts
29.	ISO 18079-3:2018	Ships and marine technology — Servicing of inflatable life-saving appliances — Part 3: Inflatable lifejackets
30.	ISO 18079-4:2018	Ships and marine technology — Servicing of inflatable life-saving appliances — Part 4: Marine evacuation systems
31.	ISO 18079-5:2018	Ships and marine technology — Servicing of inflatable life-saving appliances — Part 5: Inflated rescue boats
32.	ISO 18813:2022	Ships and marine technology — Survival equipment for survival craft and rescue boats
33.	ISO 19292:2014	Ships and marine technology — Lifesaving and fire protection — Point-type resettable flame detectors for ships
34.	ISO 19891-1:2017	Ships and marine technology — Specifications for gas detectors intended for use on board ships — Part 1: Portable gas detectors for atmosphere testing of enclosed spaces
35.	ISO 19897:2019	Ships and marine technology — Marine evacuation systems — Testing under conditions of icing
36.	ISO 19898:2019	Ships and marine technology — Life-saving appliances and arrangements — Means of recovery of persons
37.	ISO 19912:2019	Ships and marine technology — Servicing of immersion suits, anti-exposure suits and constant wear suits
38.	ISO 21195:2020	Ships and marine technology — Systems for the detection of persons while going overboard from ships (man overboard detection)
39.	ISO 22488:2011	Ships and marine technology — Shipboard fire-fighters' outfits (protective clothing, gloves, boots and helmet)

S. No.	ISO No.	Title
40.	ISO 22673:2008	Ships and marine technology — Launching appliances for free-fall lifeboats
41.	ISO 23269-1:2008	Ships and marine technology — Breathing apparatus for ships — Part 1: Emergency escape breathing devices (EEBD) for shipboard use
42.	ISO 23269-2:2011	Ships and marine technology — Breathing apparatus for ships — Part 2: Self-contained breathing apparatus for shipboard firefighters
43.	ISO 23269-3:2011	Ships and marine technology — Breathing apparatus for ships — Part 3: Self-contained breathing apparatus (safety equipment) required by the IMO IBC and IGC Codes
44.	ISO 23269-4:2010	Ships and marine technology — Breathing apparatus for ships — Part 4: Self-contained breathing apparatus for emergency escape required by the IMO IBC and IGC Codes
45.	ISO 23678-1:2022	Ships and marine technology — Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear — Part 1: General requirements for training providers
46.	ISO 23678-2:2022	Ships and marine technology — Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear — Part 2: Service personnel initial training
47.	ISO 23678-3:2022	Ships and marine technology — Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear — Part 3: Level 1 technical training
48.	ISO 23678-4:2022	Ships and marine technology — Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear — Part 4: Level 2 in-field competence
49.	ISO 24136:2021	Ships and marine technology — Pilot ladder winch reels
50.	ISO 24408:2005	Ships and marine technology — Position-indicating lights for life-saving appliances — Testing, inspection and marking of production units
51.	ISO 24409-1:2020	Ships and marine technology — Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings — Part 1: Design principles
52.	ISO 24409-2:2014	Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 2: Catalogue
53.	ISO 24409-3:2014	Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 3: Code of practice

S. No.	ISO No.	Title
54.	ISO 24409-4:2023	Ships and marine technology — Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings — Part 4: Escape plan signs used for general emergency information
55.	ISO 24452:2023	Ships and marine technology — Personal and group survival kit for use in polar water
56.	ISO 24569:2023	Ships and marine technology — External firefighting system test methods
57.	ISO 27991:2008	Ships and marine technology — Marine evacuation systems — Means of communication

ISO/TC 8/SC 1 Marine Safety (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 7061	Ships and marine technology — Aluminium shore gangways for seagoing vessels
2.	ISO/DIS 15371	Ships and marine technology — Fire-extinguishing systems for protection of galley cooking equipment
3.	ISO/AWI 16681	Ships and marine technology — Pilot transfer arrangements — Ship hull securing equipment
4.	ISO/AWI 16706	Ships and marine technology — Marine evacuation systems — Load calculations and testing
5.	ISO/AWI 16707	Ships and marine technology — Marine evacuation systems — Determination of capacity
6.	ISO/AWI 24409-2	Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 2: Catalogue

ISO/TC 8/SC 2 Marine Environment Protection (Published)

S. No.	ISO No.	Title
1.	ISO 13073-1:2012	Ships and marine technology - Risk assessment on anti-fouling systems on ships — Part 1: Marine environmental risk assessment method of biocidally active substances used for anti-fouling systems on ships
2.	ISO 13073-2:2013	Ships and marine technology — Risk assessment on anti-fouling systems on ships — Part 2: Marine environmental risk assessment method for anti-fouling systems on ships using biocidally active substances
3.	ISO 13073-3:2016	Ships and marine technology — Risk assessment on anti-fouling systems on ships — Part 3: Human health risk assessment method

S. No.	ISO No.	Title
		of biocidally active substances used in anti-fouling paints on ships during the application and removal processes
4.	ISO 13617:2019	Ships and marine technology — Shipboard incinerators — Requirements
5.	ISO 16165:2020	Ships and marine technology — Marine environment protection — Vocabulary relating to oil spill response
6.	ISO 16304:2018	Ships and marine technology — Marine environment protection — Arrangement and management of port waste reception facilities
7.	ISO 16446:2013	Ships and marine technology — Marine environment protection — Adapter for joining dissimilar boom connectors
8.	ISO 17325-1:2014	Ships and marine technology — Marine environment protection — Oil booms — Part 1: Design requirements
9.	ISO 17325-2:2014	Ships and marine technology — Marine environment protection — Oil booms — Part 2: Strength and performance requirements
10.	ISO 17325-3:2018	Ships and marine technology — Marine environment protection — Oil booms — Part 3: End connectors
11.	ISO 17325-4:2018	Ships and marine technology — Marine environment protection — Oil booms — Part 4: Auxiliary equipment
12.	ISO 18309:2014	Ships and marine technology — Incinerator sizing and selection — Guidelines
13.	ISO 18611-1:2014	Ships and marine technology — Marine NOx reduction agent AUS 40 — Part 1: Quality requirements
14.	ISO 18611-2:2014	Ships and marine technology — Marine NOx reduction agent AUS 40 — Part 2: Test methods
15.	ISO 18611-3:2014	Ships and marine technology — Marine NOx reduction agent AUS 40 — Part 3: Handling, transportation and storage
16.	ISO 19030-1:2016	Ships and marine technology — Measurement of changes in hull and propeller performance — Part 1: General principles
17.	ISO 19030-2:2016	Ships and marine technology — Measurement of changes in hull and propeller performance — Part 2: Default method
18.	ISO 19030-3:2016	Ships and marine technology — Measurement of changes in hull and propeller performance — Part 3: Alternative methods
19.	ISO 20053:2017	Ships and marine technology — Marine environment protection — Specifications on design and selection of sorbents
20.	ISO 20083-2:2019	Ships and marine technology — Determination of the shaft power of ship propulsion systems by measuring the shaft distorsion — Part 2: Optical reflection method
21.	ISO 20083-3:2019	Ships and marine technology — Determination of the shaft power of ship propulsion systems by measuring the shaft distorsion — Part 3: Elastic vibration method
22.	ISO 21070:2017	Ships and marine technology — Marine environment protection — Management and handling of shipboard garbage

S. No.	ISO No.	Title
23.	ISO 21070:2017/Amd 1:2022	Ships and marine technology — Marine environment protection — Management and handling of shipboard garbage — Amendment 1: Updates to classification of garbage
24.	ISO 21072-2:2020	Ships and marine technology — Marine environment protection: performance testing of oil skimmers — Part 2: Light and medium viscosity oil
25.	ISO 21072-3:2020	Ships and marine technology — Marine environment protection: performance testing of oil skimmers — Part 3: High viscosity oil
26.	ISO 21716-1:2020	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 1: General requirements
27.	ISO 21716-2:2020	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 2: Barnacles
28.	ISO 21716-3:2020	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 3: Mussels
29.	ISO 21963:2020	Ships and marine technology — Marine environment protection — Tanks and piping systems for facilitating 5 ppm oil-water separation
30.	ISO 23048:2018	Ships and marine technology — Verification method for portable power measurement using a strain gauge
31.	ISO 23668:2022	Ships and marine technology — Marine environment protection — Continuous on-board pH monitoring method
32.	ISO 23765:2021	Ships and marine technology — Marine environment protection — Specification for collecting data on ship's fuel oil consumption

ISO/TC 8/SC 2 Marine Environment Protection (Under Development)

S. No.	ISO No.	Title
1.	ISO/WD 6319	Ships and marine technology — Marine environment protection — Performing and documenting in-water cleaning of ships' biofouling
2.	ISO/CD 20679	Ships and marine technology — Marine environment protection — Testing ship biofouling in-water cleaning systems
3.	ISO/AWI 21070	Ships and marine technology — Marine environment protection — Management and handling of shipboard garbage
4.	ISO/WD 21716-4	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 4: Algae
5.	ISO/AWI 23656	Ships and marine technology — Marine environment protection — General requirements of data quality management for ship environmental index
6.	ISO/AWI 23765	Ships and marine technology — Marine environment protection — Specification for collecting data on ship's fuel oil consumption

7.	ISO 24132	Ships and marine technology — Design and testing of marine transfer arms for liquefied hydrogen
8.	ISO/FDIS 24146-1	Ships and marine technology — Shipboard waste on inland navigation vessels — Part 1: On board management and handling
9.	ISO/AWI 24146-2.2	Ships and marine technology — Shipboard waste on inland navigation vessels — Part 2: Arrangement and management of port waste reception facilities

ISO/TC 8/SC 3 Piping and Machinery (Published)

S. No.	ISO No.	Title
1.	ISO 484-1:2015	Shipbuilding — Ship screw propellers — Manufacturing tolerances — Part 1: Propellers of diameter greater than 2,50 m
2.	ISO 484-2:2015	Shipbuilding — Ship screw propellers — Manufacturing tolerances — Part 2: Propellers of diameter between 0,80 and 2,50 m inclusive
3.	ISO 2412:1982	Shipbuilding — Colours of indicator lights
4.	ISO 3715-1:2002	Ships and marine technology — Propulsion plants for ships — Part 1: Vocabulary for geometry of propellers
5.	ISO 3715-2:2001	Ships and marine technology — Propulsion plants for ships — Part 2: Vocabulary for controllable-pitch propeller plants
6.	ISO 5483:2023	Ships and marine technology — Drain facilities from oil and water tanks
7.	ISO 5620-1:1992	Shipbuilding and marine structures — Filling connection for drinking water tanks — Part 1: General requirements
8.	ISO 5620-2:1992	Shipbuilding and marine structures — Filling connection for drinking water tanks — Part 2: Components
9.	ISO 5621:1984	Shipbuilding — Bilge mud boxes for machinery spaces and tunnels — General design characteristics
10.	ISO 5625:1978	Shipbuilding — Welded bulkhead pieces with flanges for steel pipework — PN 6, PN 10 and PN 16
11.	ISO 6454:1984	Shipbuilding — Strum boxes
12.	ISO 7547:2022	Ships and marine technology — Air-conditioning and ventilation of accommodation spaces and other enclosed compartments on board ships — Design conditions and basis of calculations
13.	ISO 8277:2013	Ships and marine technology — Pipework and machinery — Information transfer
14.	ISO 8861:1998	Shipbuilding — Engine-room ventilation in diesel-engined ships — Design requirements and basis of calculations

S. No.	ISO No.	Title
15.	ISO 9785:2002	Ships and marine technology — Ventilation of cargo spaces where vehicles with internal combustion engines are driven — Calculation of theoretical total airflow required
16.	ISO 9943:2009	Shipbuilding — Ventilation and air-treatment of galleys and pantries with cooking appliances
17.	ISO 13613:2011	Ships and marine technology — Maintenance and testing to reduce losses in critical systems for propulsion
18.	ISO 14726:2008	Ships and marine technology — Identification colours for the content of piping systems
19.	ISO 15364:2021	Ships and marine technology — Pressure-vacuum valves for cargo tanks and devices to prevent the passage of flame into cargo tanks
20.	ISO 15540:2016	Ships and marine technology — Fire resistance of non-metallic hose assemblies and non-metallic compensators — Test methods
21.	ISO 15541:2016	Ships and marine technology — Fire resistance of non-metallic hose assemblies and non-metallic compensators — Requirements for the test bench
22.	ISO 15748-1:2002	Ships and marine technology — Potable water supply on ships and marine structures — Part 1: Planning and design
23.	ISO 15748-2:2002	Ships and marine technology — Potable water supply on ships and marine structures — Part 2: Method of calculation
24.	ISO 15749-1:2004	Ships and marine technology — Drainage systems on ships and marine structures — Part 1: Sanitary drainage-system design
25.	ISO 15749-2:2004	Ships and marine technology — Drainage systems on ships and marine structures — Part 2: Sanitary drainage, drain piping for gravity systems
26.	ISO 15749-3:2004	Ships and marine technology — Drainage systems on ships and marine structures — Part 3: Sanitary drainage, drain piping for vacuum systems
27.	ISO 15749-4:2004	Ships and marine technology — Drainage systems on ships and marine structures — Part 4: Sanitary drainage, sewage disposal pipes
28.	ISO 15749-5:2004	Ships and marine technology — Drainage systems on ships and marine structures — Part 5: Drainage of decks, cargo spaces and swimming pools
29.	ISO 15837:2004	Ships and marine technology — Gasketed mechanical couplings for use in piping systems — Performance specification
30.	ISO 15838:2003	Ships and marine technology — Fittings for use with gasketed mechanical couplings used in piping applications — Performance specification

S. No.	ISO No.	Title
31.	ISO 15840:2004	Ships and marine technology — Standard specification for thermosetting resin fibreglass pipe and fittings to be used for marine applications
32.	ISO 17602:2014	Ships and marine technology — Metal valves for use in flanged pipe — Face-to-face and centre-to-face dimensions
33.	ISO 18139:2017	Ships and marine technology — Globe valves for use in low temperature applications — Design and testing requirements
34.	ISO 18154:2017	Ships and marine technology — Safety valve for cargo tanks of LNG carriers — Design and testing requirements
35.	ISO 18215:2015	Ships and marine technology — Vessel machinery operations in polar waters — Guidelines
36.	ISO 18770:2005	Ships and marine technology — Machinery-space flammable oil systems — Prevention of leakage of flammable oil
37.	ISO 19037:2019	Ships and marine technology — Gate valves for use in low temperature applications — Design and testing requirements
38.	ISO 19921:2005	Ships and marine technology — Fire resistance of metallic pipe components with resilient and elastomeric seals — Test methods
39.	ISO 19922:2005	Ships and marine technology — Fire resistance of metallic pipe components with resilient and elastomeric seals — Requirements imposed on the test bench
40.	ISO 20602:2019	Ships and marine technology — Check valves for use in low temperature applications — Design and testing requirements
41.	ISO 20602:2019/Amd 1:2021	Ships and marine technology — Check valves for use in low temperature applications — Design and testing requirements — Amendment 1
42.	ISO 21157:2018	Ships and marine technology — Ball valves for use in low temperature applications — Design and testing requirements
43.	ISO 21159:2018	Ships and marine technology — Butterfly valves for use in low temperature applications — Design and testing requirements
44.	ISO 21562:2020	Ships and marine technology — Bunker fuel mass flow meters on receiving vessel — Requirements
45.	ISO 23055:2020	Ships and marine technology — Design requirements for international ballast water transfer connection flange
46.	ISO 23212:2021	Ships and marine technology — Flange connection for fuel and lubrication oil bunkering — Basic dimensions and technical requirements
47.	ISO 24224:2022	Ships and marine technology — Tanker cargo manifold shore connection — Technical requirements
48.	ISO 24225:2022	Ships and marine technology — Pneumatic quick-closing control devices
49.	ISO 28520:2009	Ships and marine technology — Lubricating oil systems — Guidance for grades of cleanliness and flushing

S. No.	ISO No.	Title
50.	ISO 28521:2009	Ships and marine technology — Hydraulic oil systems — Guidance for grades of cleanliness and flushing
51.	ISO 28522:2009	Ships and marine technology — Hydraulic oil systems — Guidance for assembly and flushing
52.	ISO 28523:2009	Ships and marine technology — Lubricating and hydraulic oil systems — Guidance for sampling to determine cleanliness and particle contamination
53.	IEC/IEEE 80005-1:2019	Utility connections in port — Part 1: High voltage shore connection (HVSC) systems — General requirements
54.	IEC/IEEE 80005-1:2019/Amd 1:2022	Utility connections in port — Part 1: High voltage shore connection (HVSC) systems — General requirements — Amendment 1
55.	IEC/IEEE 80005-1:2019/Amd 2:2023	Utility connections in port — Part 1: High voltage shore connection (HVSC) systems — General requirements — Amendment 2
56.	IEC/IEEE 80005-2:2016	Utility connections in port — Part 2: High and low voltage shore connection systems — Data communication for monitoring and control
57.	IEC/PAS 80005-3:2014	Utility connections in port — Part 3: Low Voltage Shore Connection (LVSC) Systems — General requirements

ISO/TC 8/SC 3 Piping and Machinery (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 11326	Ships and marine technology — Test procedures for liquid hydrogen storage tank of hydrogen ships
2.	ISO/DIS 17579	Ships and marine technology — Design and testing requirements of pneumatic quick-closing valves
3.	ISO/AWI 21341	Ships and marine technology — Test procedures for liquid hydrogen valve of hydrogen ships
4.	ISO/AWI 23397	Ships and marine technology — Ammonia fuel systems for ships — Vocabulary
5.	IEC/IEEE DIS 80005-3.2	Utility connections in port — Part 3: Low Voltage Shore Connection (LVSC) Systems — General requirements

ISO/TC 8/SC 4 Outfitting and Deck Machinery (Published)

S. No.	ISO No.	Title
1.	ISO 1704:2022	Ships and marine technology — Stud-link anchor chains

S. No.	ISO No.	Title
2.	ISO 3078:2016	Shipbuilding — Cargo winches
3.	ISO 3730:2012	Shipbuilding and marine structures — Mooring winches
4.	ISO 3828:2008	Shipbuilding and marine structures — Deck machinery — Vocabulary and symbols
5.	ISO 4568:2021	Ships and marine technology — Sea-going vessels — Windlasses and anchor capstans
6.	ISO 4827:2022	Ships and marine technology — Escorting and pull-back system for tankers
7.	ISO 4845:2023	Ships and marine technology — Combined rigging for deep-sea mooring
8.	ISO 4853:2023	Ships and marine technology — A-frame launch and recovery system
9.	ISO 4857:2023	Ships and marine technology — Test procedures and methods for windlasses and winches
10.	ISO 4861:2023	Ships and marine technology — Piling barge winches
11.	ISO 4862:2023	Ships and marine technology — Winches for trailing suction hopper dredger
12.	ISO 4864:2023	Ships and marine technology — Jacking system appliances on self-elevating unit — General requirements
13.	ISO 5528:2023	Ships and marine technology — Deep-sea hydraulic winch equipment
14.	ISO 5540:2023	Ships and marine technology — Sea-going vessels — Dual traction/stowage winches for oceanographic research
15.	ISO 5556:2023	Ships and marine technology — Sea-going vessels — Single-drum winches for oceanographic research
16.	ISO 6043:1985	Shipbuilding and marine structures — Eye and fork assemblies under tension load — Main dimensions
17.	ISO 6044:1985	Shipbuilding and marine structures — Derrick boom heel fittings — Main dimensions
18.	ISO 6045:1987	Shipbuilding and marine structures — Bearings for derrick goosenecks — Assemblies and components
19.	ISO 6115:1988	Shipbuilding — Trawl winches
20.	ISO 6325:1987	Shipbuilding — Cable stoppers
21.	ISO 6482:2017	Shipbuilding — Deck machinery — Warping end profiles
22.	ISO 6555:1988	Shipbuilding — Topping winches
23.	ISO 6812:1983	Roll on/Roll off ship-to-shore connection — Interface between terminals and ships with straight stern/bow ramps

S. No.	ISO No.	Title
24.	ISO 7365:2012	Shipbuilding and marine structures — Deck machinery — Towing winches for deep sea use
25.	ISO 7824:1986	Shipbuilding and marine structures — Lubrication nipples — Cone and flat types
26.	ISO 7825:2017	Shipbuilding — Deck machinery — General requirements
27.	ISO 8146:1985	Shipbuilding and marine structures — Oval eyeplates
28.	ISO 8147:1995	Shipbuilding and marine structures — Derrick rigs and component parts — Vocabulary
29.	ISO 8148:1985	Shipbuilding and marine structures — Derrick boom headfittings — Fixed type
30.	ISO 8314:1987	Shipbuilding and marine structures — Trunnion pieces for span bearings and lead block bearings
31.	ISO 8431:1988	Shipbuilding — Fixed jib cranes — Ship-mounted type for general cargo handling
32.	ISO 9089:2019	Marine structures — Mobile offshore units — Mooring positioning windlasses and winches
33.	ISO 13713:2020	Ships and marine technology — Ship's mooring and towing fittings — Mooring chocks
34.	ISO 13728:2020	Ships and marine technology — Ship's mooring and towing fittings — Panama chocks
35.	ISO 13729:2020	Ships and marine technology — Ship's mooring and towing fittings — Closed chocks
36.	ISO 13733:2020	Ships and marine technology — Ship's mooring and towing fittings — Universal fairleads with upper roller
37.	ISO 13742:2020	Ships and marine technology — Ship's mooring and towing fittings — Universal fairleads without upper roller
38.	ISO 13755:2020	Ships and marine technology — Ship's mooring and towing fittings — Steel rollers
39.	ISO 13767:2020	Ships and marine technology — Ship's mooring and towing fittings — Shipside roller fairleads
40.	ISO 13776:2020	Ships and marine technology — Ship's mooring and towing fittings — Pedestal fairleads
41.	ISO 13795:2020	Ships and marine technology — Ship's mooring and towing fittings — Welded steel bollards for sea-going vessels
42.	ISO 13797:2020	Ships and marine technology — Ship's mooring and towing fittings — Cruciform bollards
43.	ISO 13798:2020	Ships and marine technology — Ship's mooring and towing fittings — Recessed bitts (steel plate type)
44.	ISO 13799:2020	Ships and marine technology — Ship's mooring and towing fittings — Recessed bitts (casting type)
45.	ISO 16855:2013	Ships and marine technology — Loose gear of lifting appliances on ships — General requirements

S. No.	ISO No.	Title
46.	ISO 16856:2013	Ships and marine technology — Loose gear of lifting appliances on ships — Hooks
47.	ISO 16857:2013	Ships and marine technology — Loose gear of lifting appliances on ships — Shackles
48.	ISO 16858:2013	Ships and marine technology — Loose gear of lifting appliances on ships — Pulleys
49.	ISO 17357-1:2014	Ships and marine technology — Floating pneumatic rubber fenders — Part 1: High pressure
50.	ISO 17357-2:2014	Ships and marine technology — Floating pneumatic rubber fenders — Part 2: Low pressure
51.	ISO 17905:2015	Ships and marine technology — Installation, inspection and maintenance of container securing devices for ships
52.	ISO 17907:2014	Ships and marine technology — Single point mooring arrangements for conventional tankers
53.	ISO 18289:2014	Ships and marine technology — Navigation and shallow-water engineering vessels — Anchor winches
54.	ISO 18296:2014	Ships and marine technology — Ship-shifting winches
55.	ISO 19354:2016	Ships and marine technology — Marine cranes — General requirements
56.	ISO 19355:2016	Ships and marine technology — Marine cranes — Structural requirements
57.	ISO 19356:2016	Ships and marine technology — Marine cranes — Test specifications and procedures
58.	ISO 19357:2016	Ships and marine technology — Marine cranes — Design requirements for low temperature operation
59.	ISO 19360:2016	Ships and marine technology — Marine cranes — Technical requirements for rigging applications
60.	SO 20438:2017	Ships and marine technology — Offshore mooring chains
61.	ISO 21125:2019	Ships and marine technology — Marine cranes — Manufacturing requirements
62.	ISO 21130:2019	Ships and marine technology — Major components of emergency towing arrangements
63.	ISO 21131:2019	Ships and marine technology — Marine cranes — Noise limits and measuring method
64.	ISO 21132:2019	Ships and marine technology — Marine cranes — Operation and maintenance requirements
65.	ISO 21539:2019	Ships and marine technology — Testing specification for walkways using electrical resistance trace heating
66.	ISO 21711:2019	Marine structures — Mobile offshore units — Chain wheels
67.	ISO 21885:2019	Ships and marine technology — Testing specification for stairsteps using electrical resistance trace heating

S. No.	ISO No.	Title
68.	ISO 22419:2019	Ships and marine technology — Testing specification for handrails using electrical resistance trace heating
69.	ISO 23113:2020	Ships and marine technology — Ship's mooring and towing fittings — Seats for closed chocks
70.	ISO 23115:2020	Ships and marine technology — Ship's mooring and towing fittings — Seats for mooring chocks
71.	ISO 23116:2020	Ships and marine technology — Ship's mooring and towing fittings — Seats for Panama chocks
72.	ISO 23575:2022	Ships and marine technology — Marine securing devices for ro-ro cargoes
73.	ISO 23577:2021	Ships and marine technology — Cargo securing systems on ships — Vocabulary
74.	ISO 24041:2020	Ships and marine technology — Shark jaws and towing pins
75.	ISO 24042:2020	Liquid cargo handling equipment — Crude oil offloading system —Tandem mooring winches
76.	ISO 24043:2020	Marine structures — Crude oil offloading systems — Hose reels
77.	ISO 24044:2020	Ships and marine technology — Deck machinery — Multifunctional manipulator
78.	ISO 24045:2021	Ships and marine technology — Adjustable roller-type chain stoppers
79.	ISO 24059:2021	Ships and marine technology — Anchor chain releasers
80.	ISO 24061:2021	Ships and marine technology — High holding power balance anchors

ISO/TC 8/SC 4 Outfitting and Deck Machinery (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 6325	Ships and marine technology — Cable stoppers
2.	ISO/DIS 16123	Ships and marine technology — Marine cranes — Slewing bearings
3.	ISO/DIS 16173	Ships and marine technology — Jacking system appliances on self-elevating unit — Rack pinion leg fixation system
4.	ISO/DIS 16199	Ships and marine technology — Jacking system appliances on self-elevating unit — Acceptance tests
5.	ISO/CD 18735	Ship and marine technology — Hi-manganese austenitic steel — Specification of high manganese austenitic steel castings for cryogenic temperature

S. No.	ISO No.	Title
6.	SO/CD 18741	Ship and marine technology — Hi-manganese austenitic steel — Specification of high manganese austenitic steel forgings for cryogenic temperature
7.	ISO/CD 18742	Ship and marine technology — Hi-manganese austenitic steel — Specification of high manganese austenitic steel welded fittings for cryogenic temperature
8.	ISO/CD 18760	Ship and marine technology — Hi-manganese austenitic steel — Longitudinally welded high manganese austenitic steel tubes for cryogenic temperature
9.	ISO/CD 18819	Ship and marine technology — Hi-manganese austenitic steel — High manganese austenitic steel for cryogenic temperature
10.	ISO/DIS 18821	Ships and marine technology — Marine combined connecting mooring line
11.	ISO/DIS 18824	Ships and marine technology — Ship's mooring and towing fittings — Horizontal roller fairleads

ISO/TC 8/SC 6 Navigation and Ship Operations (Published)

S. No.	ISO No.	Title
1.	ISO 1069:1973	Magnetic compasses and binnacles for sea navigation — Vocabulary
2.	ISO 8468:2007	Ships and marine technology — Ship's bridge layout and associated equipment — Requirements and guidelines
3.	ISO 8728:2024	Ships and marine technology — Marine gyro-compasses
4.	ISO 8729-1:2010	Ships and marine technology — Marine radar reflectors — Part 1: Passive type
5.	ISO 8729-2:2009	Ships and marine technology — Marine radar reflectors — Part 2: Active type
6.	ISO 9875:2023	Ships and marine technology — Marine echo-sounding equipment
7.	ISO 9876:2015	Ships and marine technology — Marine facsimile receivers for meteorological charts
8.	ISO 10596:2009	Ships and marine technology — Marine wind vane and anemometers
9.	ISO 11606:2022	Ships and marine technology — Marine electromagnetic compasses
10.	ISO 11674:2019	Ships and marine technology — Heading control systems
11.	ISO 13643-1:2017	Ships and marine technology — Manoeuvring of ships — Part 1: General concepts, quantities and test conditions

S. No.	ISO No.	Title
12.	ISO 13643-2:2017	Ships and marine technology — Manoeuvring of ships — Part 2: Turning and yaw checking
13.	ISO 13643-3:2017	Ships and marine technology — Manoeuvring of ships — Part 3: Yaw stability and steering
14.	ISO 13643-4:2017	Ships and marine technology — Manoeuvring of ships — Part 4: Stopping, acceleration, traversing
15.	ISO 13643-5:2017	Ships and marine technology — Manoeuvring of ships — Part 5: Submarine specials
16.	ISO 13643-6:2017	Ships and marine technology — Manoeuvring of ships — Part 6: Model test specials
17.	ISO 14859:2012	Ships and marine technology - Sound reception systems
18.	ISO 15016:2015	Ships and marine technology — Guidelines for the assessment of speed and power performance by analysis of speed trial data
19.	ISO 16273:2020	Ships and marine technology — Night vision equipment for high-speed craft — Operational and performance requirements, methods of testing and required test results
20.	ISO 16328:2014	Ships and marine technology — Gyro-compasses for high-speed craft
21.	ISO 16329:2003	Ships and marine technology — Heading control systems for high-speed craft
22.	ISO 16425:2024	Ships and marine technology — Specifications for the installation of ship communication networks for shipboard equipment and systems
23.	ISO 17884:2004	Ships and marine technology — Searchlights for high-speed craft
24.	ISO 17899:2004	Ships and marine technology — Marine electric window wipers
25.	ISO 19018:2020	Ships and marine technology — Terms, abbreviations, graphical symbols and concepts on navigation
26.	ISO 19019:2005	Sea-going vessels and marine technology — Instructions for planning, carrying out and reporting sea trials
27.	ISO 19379:2003	Ships and marine technology — ECS databases — Content, quality, updating and testing
28.	ISO 19697:2016	Ships and marine technology — Navigation and ship operations — Electronic inclinometers
29.	ISO 19847:2024	Ships and marine technology — Shipboard data servers for sharing field data at sea
30.	ISO 19848:2024	Ships and marine technology — Standard data for shipboard machinery and equipment
31.	ISO 20672:2022	Ships and marine technology — Rate of turn indicators
32.	ISO 20673:2022	Ships and marine technology — Electric rudder angle indicators

S. No.	ISO No.	Title
33.	ISO 21792:2019	Ships and marine technology — Navigation and ship operations — Guidelines for onboard telephone equipment
34.	ISO 22090-1:2014	Ships and marine technology — Transmitting heading devices (THDs) — Part 1: Gyro-compasses
35.	ISO 22090-2:2014	Ships and marine technology — Transmitting heading devices (THDs) — Part 2: Geomagnetic principles
36.	ISO 22090-3:2014	Ships and marine technology — Transmitting heading devices (THDs) — Part 3: GNSS principles
37.	ISO 22472:2016	Ships and marine technology — Guidelines for the operation and installation of voyage data recorder (VDR)
38.	ISO 22554:2023	Ships and marine technology — Propeller shaft revolution indicators — Electric type and electronic type
39.	ISO 22555:2022	Ships and marine technology — Propeller pitch indicators
40.	ISO 25861:2007	Ships and marine technology — Navigation — Daylight signalling lamps
41.	ISO 25862:2019	Ships and marine technology — Marine magnetic compasses, binnacles and azimuth reading devices
42.	ISO 25862:2019/Amd 1:2024	Ships and marine technology — Marine magnetic compasses, binnacles and azimuth reading devices — Amendment 1

ISO/TC 8/SC 6 Navigation and Ship Operations (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 15016.2	Ships and marine technology — Specifications for the assessment of speed and power performance by analysis of speed trial data
2.	ISO/AWI 16328	Ships and marine technology — Gyro-compasses for high-speed craft
3.	ISO/AWI 16329	Ships and marine technology — Heading control systems for high-speed craft
4.	ISO/AWI 22090-1	Ships and marine technology — Transmitting heading devices (THDs) — Part 1: Gyro-compasses
5.	ISO/AWI 22090-2	Ships and marine technology — Transmitting heading devices (THDs) — Part 2: Geomagnetic principles
6.	ISO/AWI 22090-3	Ships and marine technology — Transmitting heading devices (THDs) — Part 3: GNSS principles

ISO/TC 8/SC 7 Inland Navigation Vessels (Published)

S. No.	ISO No.	Title
1.	ISO 3652:1975	Shipbuilding — Inland vessels — Rope reels
2.	ISO 3674:1976	Shipbuilding — Inland vessels — Deck rail
3.	ISO 3786:1975	Shipbuilding — Inland navigation towing hooks — Scale of tractive efforts
4.	ISO 3876:1986	Shipbuilding — Inland vessels — Hand-holes
5.	ISO 3926:1980	Shipbuilding — Inland navigation — Couplings for oil and fuel reception — Mating dimensions
6.	ISO 3948:1977	Shipbuilding — Inland vessels — Compressed-air systems — Pressure ranges
7.	ISO 3969:1979	Shipbuilding — Inland vessels — Operational documentation
8.	ISO 4050:1977	Shipbuilding — Inland vessels — "Rhine" and Hall's stockless anchors
9.	ISO 4051:1977	Shipbuilding — Inland vessels — Steering gear — Values of torques
10.	ISO 4089:1979	Shipbuilding — Inland navigation — Sealing rubber for covers of cargo hatches
11.	ISO 4127-1:1979	Shipbuilding — Inland navigation — Fairleads — Part 1: Two-lip fairleads
12.	ISO 4127-2:1980	Shipbuilding — Inland vessels — Fairleads — Part 2: Roller fairleads
13.	ISO 4175:1979	Shipbuilding — Shipborne barges, series 1 — Main dimensions
14.	ISO 5485:1986	Shipbuilding — Inland vessels — Fixed steel deck stairs
15.	ISO 6216:1980	Shipbuilding — Inland navigation — Pilot craft — Classification and basic requirements
16.	ISO 6217:1982	Shipbuilding — Inland navigation — Pilot craft — Identification painting and inscriptions
17.	ISO 6218:2019	Inland navigation vessels — Manually- and power-operated coupling devices for rope connections of pushing units and coupled vessels — Safety requirements and main dimensions
18.	ISO 6764:1985	Shipbuilding — Shipborne barges, series 1 — Lifting post casting — Arrangement, dimensions and method of testing
19.	ISO 6765:1985	Shipbuilding — Shipborne barges, series 3 — Main dimensions

S. No.	ISO No.	Title
20.	ISO 6766:1984	Shipbuilding — Shipborne barges, series 4 — Main dimensions
21.	ISO 7221:1984	Shipbuilding and marine structures — Shipborne barges, series 1, on barge carriers — Principal technical requirements
22.	ISO 7222:1985	Shipbuilding — Shipborne barges, series 2 — Main dimensions
23.	ISO 7236:2014	Ships and marine technology — Inland navigation vessels — Mounting attachments for demountable signal masts for push-tows
24.	ISO 7496-2:2022	Ships and marine technology — Vocabulary on inland navigation vessels — Part 2: Ship's shaftings
25.	ISO 7607:1984	Shipbuilding — Inland navigation — Multi-bucket dredgers — Scale of bucket capacities
26.	ISO 7608:1985	Shipbuilding — Inland navigation — Couplings for disposal of oily mixture and sewage water
27.	ISO 8303:1985	Shipbuilding — Shipborne barges, series 3 — Main operational and technical requirements
28.	ISO 8304:1984	Shipbuilding — Shipborne barges, series 3 — Ventilation system — Principal mating dimensions
29.	ISO 8384:2019	Ships and marine technology — Dredgers — Vocabulary
30.	ISO 8385:2018	Ships and marine technology — Dredgers — Classification
31.	ISO 9382:1990	Shipborne barges, all series — Classification and main requirements
32.	ISO 9437:1986	Shipbuilding — Inland vessels — Matrosov anchors
33.	ISO 18421:2016	Ships and marine technology — Inland navigation vessels — Lifebuoy housings
34.	ISO 18422:2014	Ships and marine technology — Inland navigation vessels — Plate with instructions for rescue, resuscitation and first aid for drowning persons

ISO/TC 8/SC 7 Inland Navigation Vessels (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 20650	Inland navigation vessels — Small floating working machines — Requirements and test methods
2.	ISO/DIS 28701	Ships and marine technology — Safety and sustainability management systems in commercial shipping on inland waterways — Requirements with guidance for use

ISO/TC 8/SC 8 Ships Design (Published)

S. No.	ISO No.	Title
1.	ISO 614:2012	Ships and marine technology — Toughened safety glass panes for rectangular windows and side scuttles — Punch method of non-destructive strength testing
2.	ISO 1751:2012	Ships and marine technology — Ships' side scuttles
3.	ISO 1964:1987	Shipbuilding — Indication of details on the general arrangement plans of ships
4.	ISO 3434:2012	Ships and marine technology — Heated glass panes for ships' rectangular windows
5.	ISO 3796:2023	Ships and marine technology — Clear openings for external single-leaf doors
6.	ISO 3797:2023	Ships and marine technology — Vertical steel ladders
7.	ISO 3902:1990	Shipbuilding and marine structures — Gaskets for rectangular windows and side scuttles
8.	ISO 3903:2012	Ships and marine technology — Ships' ordinary rectangular windows
9.	ISO 3904:1990	Shipbuilding and marine structures — Clear-view screens
10.	ISO 4678:2024	Ships and marine technology — Noise measurement method for HVAC system in accommodation spaces
11.	ISO 4679:2023	Ships and marine technology — Hydraulic performance tests for waterjet propulsion system
12.	ISO 5480:2020	Ships and marine technology — Guardrails for cargo ships
13.	ISO 5572:1987	Shipbuilding and marine structures — Numbering of equipment and structural elements in ships
14.	ISO 5694:2023	Ships and marine technology — Deck covering
15.	ISO 5778:1998	Ships and marine technology — Small weathertight steel hatches
16.	ISO 5779:1987	Shipbuilding — Ordinary rectangular windows — Positioning
17.	ISO 5780:1987	Shipbuilding — Side scuttles — Positioning
18.	ISO 5797:2004	Ships and marine technology — Windows and side scuttles for fire-resistant constructions
19.	ISO 5894:2018	Ships and marine technology — Manholes with bolted covers
20.	ISO 6042:2015	Ships and marine technology — Weathertight single-leaf steel doors

S. No.	ISO No.	Title
21.	ISO 6050:1987	Shipbuilding — Bulbous bow and side thruster symbols
22.	ISO 6345:1990	Shipbuilding and marine structures — Windows and side scuttles — Vocabulary
23.	ISO 7461:1984	Shipbuilding — Shiplines — Numerical representation of elements of the hull geometry
24.	ISO 7462:1985	Shipbuilding — Principal ship dimensions — Terminology and definitions for computer applications
25.	ISO 9203-1:1989	Shipbuilding — Topology of ship hull structure elements — Part 1: Location of elements
26.	ISO 9203-2:1989	Shipbuilding — Topology of ship hull structure elements — Part 2: Description of elements
27.	ISO 9203-3:1989	Shipbuilding — Topology of ship hull structure elements — Part 3: Relations of elements
28.	ISO 9519:2023	Ships and marine technology — Single rungs and rungs for dog-step ladders
29.	ISO 9557:2024	Ships and marine technology — Wire rope lifting platform for inspection
30.	ISO 14409:2011	Ships and marine technology — Ship launching air bags
31.	ISO 15401:2000	Ships and marine technology — Bulk carriers — Construction quality of hull structure
32.	ISO 15402:2000	Ships and marine technology — Bulk carriers — Repair quality of hull structure
33.	ISO 15583:2005	Ships and marine technology — Maritime standards list
34.	ISO 16145-1:2012	Ships and marine technology — Protective coatings and inspection method — Part 1: Dedicated sea water ballast tanks
35.	ISO 16145-2:2012	Ships and marine technology — Protective coatings and inspection method — Part 2: Void spaces of bulk carriers and oil tankers
36.	ISO 16145-3:2012	Ships and marine technology — Protective coatings and inspection method — Part 3: Cargo oil tanks of crude oil tankers
37.	ISO 16145-4:2013	Ships and marine technology — Protective coatings and inspection method — Part 4: Automated measuring method for the total amount of water-soluble salts
38.	ISO 16145-5:2014	Ships and marine technology — Protective coatings and inspection method — Part 5: Assessment method for coating damages
39.	ISO 16155:2006	Ships and marine technology — Computer applications — Shipboard loading instruments

S. No.	ISO No.	Title
40.	ISO 16548:2012	Ships and marine technology — Ship design — General guidance on emergency towing procedures
41.	ISO 17682:2013	Ships and marine technology — Methodology for ship launching utilizing air bags
42.	ISO 17683:2014	Ships and marine technology — Ceramic weld backing for marine use
43.	ISO 17894:2005	Ships and marine technology — Computer applications — General principles for the development and use of programmable electronic systems in marine applications
44.	ISO 17939:2015	Ships and marine technology — Oil tank hatches
45.	ISO 17940:2015	Ships and marine technology — Hinged watertight doors
46.	ISO 17941:2015	Ships and marine technology — Hydraulic hinged watertight fireproof do
47.	ISO 19636:2019	Ships and marine technology — General requirements for inclinometers used for the determination of trim and list of LNG carriers
48.	ISO 20154:2017	Ships and marine technology — Guidelines on vibration isolation design methods for shipboard auxiliary machinery
49.	ISO 20155:2017	Ships and marine technology — Test method of flow induced in-pipe noise source characteristics for a ship-used pump
50.	ISO 20233-1:2018	Ships and marine technology — Model test method for propeller cavitation noise evaluation in ship design — Part 1: Source level estimation
51.	ISO 20233-2:2019	Ships and marine technology — Model test method for propeller cavitation noise evaluation in ship design — Part 2: Noise source localization
52.	ISO 20313:2018	Ships and marine technology — Cathodic protection of ships
53.	ISO 21005:2018	Ships and marine technology — Thermally toughened safety glass panes for windows and side scuttles
54.	ISO 21635:2018	Ships and marine technology — Specification of high manganese austenitic steel used for LNG tanks on board ships
55.	ISO 21984:2018	Ships and marine technology — Guidelines for measurement, evaluation and reporting of vibration with regard to habitability on specific ships
56.	ISO 22098:2020	Ships and marine technology — Full-scale test method for propeller cavitation observation and hull pressure measurement
57.	SO 22987:2020	Ships and marine technology — Laboratory test method for skin friction of antifouling paints by rotating drum

S. No.	ISO No.	Title
58.	ISO 23120:2022	Ships and marine technology — Graphical symbols for computer-based incident response systems
59.	ISO 23121-1:2019	Ships and marine technology — Inflatable buoyancy support systems against flooding of ships — Part 1: Gas supply system
60.	ISO 23121-2:2019	Ships and marine technology — Inflatable buoyancy support systems against flooding of ships — Part 2: Buoyancy chamber
61.	ISO 23430:2019	Ships and marine technology — Specification of high manganese austenitic steel thin strips used for LNG tanks on board ships
62.	ISO 23453:2022	Ships and marine technology — Guidelines for the design and manufacture of the hub cap with fins for a fixed-pitch marine propeller
63.	ISO 24169:2022	Ships and marine technology — Fireproof watertight hatch covers
64.	ISO 24316:2022	Ships and marine technology — Design and test requirements for steel doors using electrical trace heating
65.	ISO 24319:2022	Ships and marine technology — Design and test requirements for small steel hatches using electrical trace heating
66.	ISO 24681:2023	Ships and marine technology — Fibre-reinforced plastic gratings

ISO/TC 8/SC 8 Ships Design (Under Development)

S. No.	ISO No.	Title
1.	ISO/CD TR 9814	Ships and marine technology - Methods to prevent capsizing during turning of ships with large profile height
2.	ISO/DIS 10665	Ships and marine technology — Ship design — CNG and LNG propulsion system
3.	ISO/AWI 18962	Ships and marine technology — Rechargeable battery systems for electrically propelled ships
4.	ISO/AWI 22627	Ships and marine technology-Painting technical requirements for accommodation interior of passenger ship
5.	ISO/WD 24387	Ships and marine technology — Mechanical property test of PUF (polyurethane foam) for LNG tank onboard ships
6.	ISO/FDIS 24682	Ships and marine technology — Technical requirements for B class fire-resistant compartment systems of composite mineral wool panel

ISO/TC 8/SC 11 Intermodal and Short Sea Shipping (Published)

S. No.	ISO No.	Title
1.	ISO 7255:1985	Shipbuilding — Active control units of ships — Vocabulary
2.	ISO 20858:2007	Ships and marine technology — Maritime port facility security assessments and security plan development
3.	ISO 21745:2019	Electronic record books for ships — Technical specifications and operational requirements
4.	ISO 23323:2021	Ships and marine technology — Specification for software-based planned maintenance systems
5.	ISO 24060-2:2023	Ships and marine technology — Ship software logging system for operational technology — Part 2: Electronic service reports
6.	ISO 24060:2021	Ships and marine technology — Ship software logging system for operational technology
7.	ISO 28005-1:2013	Security management systems for the supply chain — Electronic port clearance (EPC) — Part 1: Message structures
8.	ISO 28005-2:2021	Ships and marine technology — Electronic port clearance (EPC) — Part 2: Core data elements

ISO/TC 8/SC 11 Intermodal and Short Sea Shipping (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 28005-1	Ships and marine technology — Electronic port clearance (EPC) — Part 1: Message structures and application programming interfaces
2.	ISO/DIS 28005-3	Ships and marine technology — Electronic port clearance (EPC) — Part 3: Data elements for ship and port operation

ISO/TC 8/SC 12 Ships and Marine Technology - Large Yachts (Published)

S. No.	ISO No.	Title
1.	ISO 11209:2012	Ships and marine technology — Large yachts — Deck crane and access gangways strength requirements
2.	ISO 11336-1:2023	Large yachts — Strength, weather tightness and water tightness of glazed openings — Part 1: Design criteria, materials, framing and testing of independent glazed openings
3.	ISO 11336-2:2020	Large yachts — Strength, weather tightness and water tightness of glazed openings — Part 2: Glazed opening integrated into adjacent structure (elastically bonded to

S. No.	ISO No.	Title
		bulkhead or shell) design criteria, structural support, installation and testing
4.	ISO 11336-3:2019	Large yachts — Strength, weather tightness and water tightness of glazed openings — Part 3: Quality assurance, installation and in-service inspection
5.	ISO 11347:2012	Ships and marine technology — Large yachts — Measurement and assessment of the visual appearance of coatings
6.	ISO 14884:2015	Large yachts — Weathertight doors — Strength and weather tightness requirements
7.	ISO 14885:2014	Large yachts — Diesel engines for main propulsion and essential auxiliaries — Safety requirements
8.	ISO 14886:2014	Ships and marine technology — Large yachts — Structural fire protection for FRP yachts
9.	ISO 16556:2014	Large yachts — Deck equipment — Anchoring equipments
10.	ISO 22822:2023	Large yachts — Quality assessment and acceptance criteria — Dynamic positioning on large yachts
11.	ISO 22834:2022	Large yachts — Quality assessment of life onboard — Stabilization and sea keeping
12.	ISO 24482:2023	Large yachts — Navigational bridge visibility

ISO/TC 8/SC 12 Ships and Marine Technology - Large Yachts (Under Development)

S. No.	ISO No.	Title
1.	ISO/DIS 11347	Ships and marine technology — Large yachts — Measurement and assessment of the visual appearance of coatings
2.	ISO/WD TS 23099	Large Yachts — A methodologic framework to assess large yachts (30m+) on their environmental performance/ credentials

ISO/TC 188 Small Craft (Published)

S. No.	ISO No.	Title
1.	ISO 4566:1992	Small craft with inboard engine — Propeller shaft ends and bosses with 1:10 taper
2.	ISO 6017:2024	Small craft — Automatic watertight ventilation shutdown system
3.	ISO 6185-1:2001	Inflatable boats — Part 1: Boats with a maximum motor power rating of 4,5 kW

S. No.	ISO No.	Title
4.	ISO 6185-2:2001	Inflatable boats — Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive
5.	ISO 6185-3:2014	Inflatable boats — Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater
6.	ISO 6185-4:2011	Inflatable boats — Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater
7.	ISO 7840:2021	Small craft — Fire-resistant fuel hoses
8.	ISO 8099-1:2018	Small craft — Waste systems — Part 1: Waste water retention
9.	ISO 8099-2:2020	Small craft — Waste systems — Part 2: Sewage treatment systems
10.	ISO 8469:2021	Small craft — Non-fire-resistant fuel hoses
11.	ISO 8665:2006	Small craft — Marine propulsion reciprocating internal combustion engines — Power measurements and declarations
12.	ISO 8666:2020	Small craft — Principal data
13.	ISO 8845:1994	Small craft with inboard engine — Propeller shaft ends and bosses with 1:16 taper
14.	ISO 8845:1994/Cor 1:1995	Small craft with inboard engine — Propeller shaft ends and bosses with 1:16 taper — Technical Corrigendum 1
15.	ISO 8846:1990	Small craft — Electrical devices — Protection against ignition of surrounding flammable gases
16.	ISO 8847:2021	Small craft — Steering gear — Cable over pulley systems
17.	ISO 8848:2022	Small craft — Remote mechanical steering systems
18.	ISO 8849:2020	Small craft — Electrically operated bilge pumps
19.	ISO 9093:2020	Small craft — Seacocks and through-hull fittings
20.	ISO 9094:2022	Small craft — Fire protection
21.	ISO 9650-1:2022	Small craft — Inflatable liferafts — Part 1: Type 1 and type 2
22.	ISO 9650-3:2009	Small craft — Inflatable liferafts — Part 3: Materials
23.	ISO 10087:2022	Small craft — Craft identification — Coding system
24.	ISO 10088:2022	Small craft — Permanently installed fuel systems

S. No.	ISO No.	Title
25.	ISO/TR 10134:2020	Small craft — Electrical devices — Established practices for the design, construction and installation of lightning-protection systems
26.	ISO 10239:2014	Small craft — Liquefied petroleum gas (LPG) systems
27.	ISO 10240:2022	Small craft — Owner's manual
28.	ISO 10592:2022	Small craft — Remote hydraulic steering systems
29.	ISO 11105:2020	Small craft — Ventilation of petrol engine and/or petrol tank compartments
30.	ISO 11192:2005	Small craft — Graphical symbols
31.	ISO 11547:1994	Small craft — Start-in-gear protection
32.	ISO 11591:2020	Small craft — Field of vision from the steering position
33.	ISO 11591:2020/Amd 1:2022	Small craft — Field of vision from the steering position — Amendment 1
34.	ISO 11592-1:2016	Small craft — Determination of maximum propulsion power rating using manoeuvring speed — Part 1: Craft with a length of hull less than 8 m
35.	ISO 11592-2:2021	Small craft — Determination of maximum propulsion power rating using manoeuvring speed — Part 2: Craft with a length of hull between 8 m and 24 m
36.	ISO 11812:2020	Small craft — Watertight or quick-draining recesses and cockpits
37.	ISO 12133:2021	Small craft — Carbon monoxide (CO) detection systems and alarms
38.	ISO 12215-1:2000	Small craft — Hull construction and scantlings — Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate
39.	ISO 12215-2:2002	Small craft — Hull construction and scantlings — Part 2: Materials: Core materials for sandwich construction, embedded materials
40.	ISO 12215-3:2002	Small craft — Hull construction and scantlings — Part 3: Materials: Steel, aluminium alloys, wood, other materials
41.	ISO 12215-4:2002	Small craft — Hull construction and scantlings — Part 4: Workshop and manufacturing
42.	ISO 12215-5:2019	Small craft — Hull construction and scantlings — Part 5: Design pressures for monohulls, design stresses, scantlings determination

S. No.	ISO No.	Title
43.	ISO 12215-6:2008	Small craft — Hull construction and scantlings — Part 6: Structural arrangements and details
44.	ISO 12215-7:2020	Small craft — Hull construction and scantlings — Part 7: Determination of loads for multihulls and of their local scantlings using ISO 12215-5
45.	ISO 12215-8:2009	Small craft — Hull construction and scantlings — Part 8: Rudders
46.	ISO 12215-8:2009/Cor 1:2010	Small craft — Hull construction and scantlings — Part 8: Rudders — Technical Corrigendum 1
47.	ISO 12215-9:2012	Small craft — Hull construction and scantlings — Part 9: Sailing craft appendages
48.	ISO 12215-10:2020	Small craft — Hull construction and scantlings — Part 10: Rig loads and rig attachment in sailing craft
49.	ISO 12216:2020	Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements
50.	ISO 12216:2020/Amd 1:2022	Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements — Amendment 1
51.	ISO 12217-1:2022	Small craft — Stability and buoyancy assessment and categorization — Part 1: Non-sailing boats of hull length greater than or equal to 6 m
52.	ISO 12217-2:2022	Small craft — Stability and buoyancy assessment and categorization — Part 2: Sailing boats of hull length greater than or equal to 6 m
53.	ISO 12217-3:2022	Small craft — Stability and buoyancy assessment and categorization — Part 3: Boats of hull length less than 6 m
54.	ISO 13297:2020	Small craft — Electrical systems — Alternating and direct current installations
55.	ISO 13297:2020/Amd 1:2022	Small craft — Electrical systems — Alternating and direct current installations — Amendment 1
56.	ISO 13342:1995	Small craft — Static thrust measurement for outboard motors
57.	ISO 13590:2022	Small craft — Personal watercraft — Construction and system installation requirements
58.	ISO 13591:1997	Small craft — Portable fuel systems for outboard motors
59.	ISO 13592:1998	Small craft — Backfire flame control for petrol engines
60.	ISO 13929:2001	Small craft — Steering gear — Geared link systems
61.	ISO 14227:2001	Small craft — Magnetic compasses

S. No.	ISO No.	Title
62.	ISO 14509-1:2008	Small craft — Airborne sound emitted by powered recreational craft — Part 1: Pass-by measurement procedures
63.	ISO 14509-3:2009	Small craft — Airborne sound emitted by powered recreational craft — Part 3: Sound assessment using calculation and measurement procedures
64.	ISO 14895:2016	Small craft — Liquid-fuelled galley stoves and heating appliances
65.	ISO 14945:2021	Small craft — Builder's plate
66.	ISO 14946:2021	Small craft — Maximum load capacity
67.	ISO 15083:2020	Small craft — Bilge-pumping systems
68.	ISO 15083:2020/Amd 1:2022	Small craft — Bilge-pumping systems — Amendment 1
69.	ISO 15084:2003	Small craft — Anchoring, mooring and towing — Strong points
70.	ISO 15085:2003	Small craft — Man-overboard prevention and recovery
71.	ISO 15085:2003/Amd 2:2017	Small craft — Man-overboard prevention and recovery — Amendment 2
72.	ISO 15584:2001	Small craft — Inboard petrol engines — Engine-mounted fuel and electrical components
73.	ISO 16147:2020	Small craft — Inboard diesel engines — Engine-mounted fuel, oil and electrical components
74.	ISO 16180:2013	Small craft — Navigation lights — Installation, placement and visibility
75.	ISO 16315:2016	Small craft — Electric propulsion system
76.	ISO 18854:2015	Small craft — Reciprocating internal combustion engines exhaust emission measurement — Test-bed measurement of gaseous and particulate exhaust emissions
77.	ISO 19009:2015	Small craft — Electric navigation lights — Performance of LED lights
78.	ISO 21487:2022	Small craft — Permanently installed petrol and diesel fuel tanks
79.	ISO 23411:2020	Small craft — Steering wheels
80.	ISO/TS 23625:2021	Small craft — Lithium-ion batteries
81.	ISO 25197:2020	Small craft — Electrical/electronic control systems for steering, shift and throttle

S. No.	ISO No.	Title
82.	ISO 25197:2020/Amd 1:2022	Small craft — Electrical/electronic control systems for steering, shift and throttle — Amendment 1

ISO/TC 188 Small Craft (Under Development)

S. No.	ISO No.	Title
1.	ISO 6185-3	Inflatable boats — Part 3: Boats with a length of the hull less than 8 m with a motor power rating of 15 kW and greater
2.	ISO/FDIS 8665-2	Small craft — Power measurements and declarations — Part 2: Electric marine propulsion
3.	ISO/DIS 8846	Small craft — Electrical devices — Protection against ignition of surrounding flammable gases
4.	ISO/DIS 10239.2	Small craft — Liquefied petroleum gas (LPG) systems
5.	ISO 11812:2020/FDAmd 1	Small craft — Watertight or quick-draining recesses and cockpits — Amendment 1
6.	ISO/CD 12215-9	Small craft — Hull construction and scantlings — Part 9: Sailing craft appendages
7.	ISO/AWI 12217-1	Small craft — Stability and buoyancy assessment and categorization — Part 1: Non-sailing boats of hull length greater than or equal to 6 m
8.	ISO/AWI 12217-2	Small craft — Stability and buoyancy assessment and categorization — Part 2: Sailing boats of hull length greater than or equal to 6 m
9.	ISO/AWI 12217-3	Small craft — Stability and buoyancy assessment and categorization — Part 3: Boats of hull length less than 6 m
10.	ISO/FDIS 15085	Small craft — Protection from falling overboard and means of re boarding
11.	ISO/DIS 16315	Small craft — Electrical systems used for electrical propulsion
12.	ISO/DIS 23625	Small craft — Lithium-ion batteries