भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002
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कार्यसूची

10 दिसंबर 2024

हमारा संदर्भ : सीईडी 47/ए-2.17
विषय : पत्तन, पोताश्रय् और अपतट अधिष्ठापन विषय समिति, सीईडी 47 की सत्रहवीं बैठक की कार्यसूची

सीईडी 47 के सभी सदस्य

प्रिय महोदय/महोदया,

हमारे सम संख्यक पत्र दिनांक **03 दिसंबर 2024** के संदर्भ में पत्तन, पोताश्रय् और अपतट अधिष्ठापन विषय समिति, सीईडी 47 की सत्रहवीं बैठक की कार्यसूची की एक प्रति आपको भेज रहें हैं । बैठक निम्नानुसार आयोजित होगी:

तकनीकी समिति	दिन	तिथि	समय	स्थान
पत्तन, पोताश्रय् और अपतट अधिष्ठापन विषय समिति, सीईडी 47	शनिवार	21 दिसंबर 2024	11:00 बजे	सम्मेलन कक्ष, बंदरगाह संचालन भवन, विझिंजम, त्रिवेन्द्रम, केरल

बैठक की कार्यसूची तैयार की जा रही है और आपको यथासमय भेज दी जाएगी ।

बैठक में वीडियो कॉन्फ्रेंसिंग के द्वारा भाग लेने के लिए एक **Webex Link**आपको भेजा जा रहा है। हम आशा करते हैं कि आप इस महत्वपूर्ण बैठक में भाग लेंगे । इस बैठक में भाग लेने की पुष्टि कृपया ई-मेल से भेज दें ।

मीटिंग लिंक: https://bismanak.webex.com/bismanak/j.php?MTID=m411b64d4a86cf70ffc51e98fabe2853e
बैठक संख्या : 2518 021 8172
पासवर्ड : Ced47

धन्यवाद ।

भवदीय,

(अशोक सारण)
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ईमेलः-ashoksaran@bis.gov.in
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संगलन : उपरिलखित

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AGENDA

Our Ref: CED 47/A-2.17 **10 December 2024**

Subject: Agenda for the Seventeenth Meeting of Ports, Harbours and Offshore Installations Sectional Committee, CED 47.

ALL MEMBERS OF CED 47

Dear Sir/Madam,

In continuation to our Meeting Notice of even number dated **03 December 2024**, please find enclosed herewith a copy of the Agenda of the Seventeenth Meeting of Ports, Harbours and Offshore Installations Sectional Committee, CED 47. The schedule of the meeting is as given below:

Technical Committee	Day	Date	Time	Venue
Ports, Harbours and Offshore Installations sectional committee, CED 47	Saturday	21 December 2024	11:00 h	Conference Room, Port Operation Building, Vizhinjam Trivandrum, Kerala

Kindly note that a **Webex link** will be sent to you for joining the meeting through video conferencing.

You are kindly requested to make it convenient to participate in the meeting and a line in confirmation through E-mail would be highly appreciated.

URL: https://bismanak.webex.com/bismanak/j.php?MTID=m411b64d4a86cf70ffc51e98fabe2853e
Meeting ID: 2518 021 8172
Password: Ced47

Thanking you,

Yours faithfully

(**Ashok Saran**)
Scientist 'B', CED 47
E-mail: ashoksaran@bis.gov.in
Phone No. 011-23238121,
9772518235

Encl: As above

BUREAU OF INDIAN STANDARDS

AGENDA

Ports, Harbours and Offshore Installations Sectional Committee, CED 47 **: Seventeenth Meeting**

Saturday, 21 December 2024 **: 1100 h**

Through Video Conferencing
https://bismanak.webex.com/bismanak/j.php?MTID=m411b64d4a86cf70ffc51e98fabe2853e
Pass: Ced47

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CHAIRPERSON **: Dr R. Sundaravadivelu,**

MEMBER SECRETARY **: Shri Ashok Saran**

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ITEM 0 OPENING REMARKS BY THE CHAIRMAN

ITEM 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 The Minutes of the last (Sixteenth) meeting of Ports, Harbours and Offshore Installations Sectional Committee, CED 47 held on 19 Sep 2024 in New Delhi were circulated vide BIS DG letter No. CED47/A-2.16 dated 30 Sep 2024. No comments have been received on the same.

The Committee may **CONFIRM**.

ITEM 2 ROLLING ANNUAL ACTION PLAN

2.1 In last meeting, Committee decided tentative timeline for the finalization of these drafts as given below:

SI No.	Topic/ Item Title	Remarks
1	IS 4651 Part 5 Code of Practice for Planning and Design of Ports and Harbours: Part 5 Layout and Functional Requirements	Item **5.1**
2	Design code for Breakwaters	Item **5.2**
3	Hydrodynamic Forces and Effects on Coastal Structures	Item **5.4**

The Committee may **CONSIDER** and **DECIDE**.

ITEM 3 PROGRAMME OF WORK

3.1 A Programme of work under the Sectional Committee along with its scope is given at **Annex 2**. The Committee requested to DECIDE on future work plan and strategies to be adopted for this year aiming at contribution in related to standardization activity both at national and international level (if available, ISO).

The Committee may **CONSIDER** and **DECIDE**.

ITEM 4 COMPOSITION

4.1 The present composition of the sectional committee is given at **Annex 1**.

The Committee may consider and review the composition in view of the following:

4.2 Formation of Alert Group

4.2.1 To identify new areas where standardization may be required and to identify the need of R&D, Committee made an Alert Group. The composition of the Alert Group is as given below:

a) Prof R. Sundaravadivelu, IIT Madras, Chennai
b) Dr Subbulakshmi A (CSIR-Structural Engineering Research Centre, Chennai)
c) Shri P.K. Ray, (ITD Cementation, Kolkata)
d) Shri Pinaki Ranjan Adak, (ITD Cementation, Kolkata)
e) Shri N. Deepak (Assystem, Chennai)
f) N. Sunil Kumar, (JSW Infrastructure)

4.2.2 In the last meeting of Alert group, the following new areas were proposed for which the new codes need to be prepared

1) Offshore structures to support wind turbines
2) Semi submergible platforms, ROV and other relevant topics for deep sea mining.

The composition of the Working group of New areas:

1. Prof. Nilanjan Saha, IIT Madras (*Convenor*)
2. Dr Subbulakshmi A (CSIR-SERC, Chennai)
3. Prof. S. Muthukumaran, NIT TRICHY
4. IIT Madras, Chennai
5. NIOT, Chennai

The Committee may **NOTE** and **ADVISE**.

4.3 New Members

Towards accomplishing the various revisions, proposed new standards, systematic 5 year review of Indian Standards - all to be accomplished to enable the stakeholders have the need of the hour standards, it is imperative to review the existing composition and have new contributors to

the Committee. The Committee may debate on potential new members who may be decided for inviting/co-opting on the Expert Working Groups/ Panels, in particular.

The Committee may **CONSIDER** and **ADVISE**.

ITEM 5 ISSUE ARISING FROM PREVIOUS MEETING

5.1 Revision of IS 4651 (Part 5):1980 Code of Practice for Planning and Design of Ports and Harbours: Part 5 Layout and Functional Requirements

5.1.1 In the Last meeting The committee requested the working group, CED 47/WG1 to provide the modified draft for Committee consideration.

The composition of CED 47/WG1 for Code of Practice for Planning and Design of Ports and Harbours is given below:

1. Prof. R. Sundaravadivelu, IIT Madras, Chennai (*Convenor*)
2. Dr M. V. Ramana Murthy, NCCR
3. Mr. Kiran Raju, NCCR
4. Prof. S. Sannasiraj, IIT Madras
5. Prof. Nilanjan Saha, IIT Madras
6. Prof. Sriram, IIT Madras
7. Prof. Manasa Ranjan Behera, IIT Bombay
8. Prof. NASAR Thuvanismail, NIT Surathkal
9. Prof. Muthu Kumaran NIT Trichy
10. Shri N. Sunil Kumar, JSW
11. Shri Pinaki Ranjan Adak, ITD
12. Shri Abhishek Basu, Adani Infra Ltd.
13. Shri Abhishek Pal, Scientist-D, BIS
14. Ms Vasusmitha Joshi AFCONS
15. Dr Vijaya NIOT
16. Mr. Sivasubramanian RVNL
17. Dr Subbulakshmi SERC
18. Ms. Shyamala NIOT
19. Dr Chandramohan Indomer Coastal Hydraulics
20. Dr Sivakolundu Indian Maritime University

The Committee may **CONSIDER**.

5.2 Breakwaters – Design, Construction and Testing (New part under IS 9527)

5.2.1 In the last meeting The committee requested the working group, CED 47/WG2 to provide the modified draft for Committee consideration.

The composition of CED47/WG2 for Breakwaters – Design, Construction and Testing (as a new part under IS 9527) is given below:

1. Dr M. V. Ramana Murthy (NCCR, Chennai) (*Convener*)
2. Shri S. Sabarinath (L&T IEL, Chennsai)
3. Prof A. Sannasiraj (IIT Madras)

4. Chief Engineer, JNPT, Navi Mumbai
5. Projectscape Engineering Consultancy Services Pvt. Ltd, Kolkata
6. Dr Chandra Mohan, Navayuga Engineering Company Ltd, Hyderabad
7. BMT (Coastal Infrastructure Team, Ahmedabad)
8. Prof. R. Sundaravadivelu, IIT Madras, Chennai
9. Shri J. Venkateswara Rao, In personal capacity, Nellore
10. Shri K. Vedagiri, In personal Capacity, Bengaluru
11. Central Water and Power Research Station, Pune
12. Dr Prabhat Chandra (Central Water & Power Research Station, Pune)
13. Shri Sanjeev Gupta (AECOM India Pvt. Ltd, Noida)
14. Danish Hydraulic Institute (India), New Delhi
15. Shri N. Sunil Kumar, (Aurobindo Reality Infrastructure Private Limited, Hyderabad)

The Committee may **CONSIDER**.

5.3 In the last meeting The Committee decided to work on the following standards and prepared the Working Groups:

Sl No.	IS No.	Existing Title	New Number and title	WG
1	IS 9527	Code of practice for design and construction of port and harbour structures:	Code of practice for design and construction of port and harbour structures:	
2	(Part1):1981	Part 1 Concrete piles and monoliths	**IS 9527 (Part 1) Marine Concrete Piles**	1) Shri P.K. Ray (Convener), ITD Cementation India Limited, Kolkata 2) Shri Sunil Kumar, JSW 3) Shri Hitesh Bhatt, Adani Infra India Limited 4) Shri K. Vedagiri, In Personal Capacity
3	-	*-(new part 2 of IS 9527)*	**IS 9527 Part 2 - Steel Piles**	1)Dr. Sundaravadivelu (Convener), In Personal Capacity, Chennai 2)Shri Sudeep Kole, ITD Cementation IndiaLimited, Kolkata 3)Shri N. Sunil Kumar, JSW 4)Shri Deepak A.N., Assystem STUP
4	(Part3):1983	Part 3 Sheet pile walls	**IS 9527 Part 3 Sheet and Circular Sheet piles**	1)Dr. Nilanjan Saha (***Convener***), IndianInstitute of Technology Madras,Chennai
5	(Part 4):1980	Code of practice for design and construction of port and harbour structures: Part 4		

		Cellular sheet pile structures		2)Shri Pinaki Ranjan Adak,ITD Cementation India Limited, Kolkata 3)Shri Sanjeev Gupta, Aecom India PrivateLimited, Gurugram 4)Shri Vedagiri,In Personal Capacity 5) Shri K.Hari, JSPL Any representative from Industry
6	(Part 6):1989	Design and construction port and harbour Structures — Code of practice: Part 6 Block work	**IS 9527 Part 4 - Block work**	1)Shri Vedagiri (***Convener***), In PersonalCapacity 2)Shri J.K. Ahulwalia,Aecom India Private Limited, Gurugram 3)Shri Deepak A.N., Assystem STUP 4)Shri V. Ramamurthy,Afcons Infrastructure Ltd, New Delhi
7	-	*(new part of IS 9527)*	**IS 9527 Part 5 –** Ship Building and Repair Facilities **(**including dry docks, wet docks, slipways, etc. amalgamating IS 10020)	1)Dr. Sundaravadivelu (Convener), In Personal Capacity, Chennai 2)Shri Deepak A. N, Assystem STUP 3)Shri Immanuel Anderson, Assystem STUP 4)Shri N. Sunil Kumar, JSW 5)Vishakhapatnam Port Trust, Vizag 6) Sivasubramanian, RVNL 7) Prof. Nilanjan Saha 8) Director IMU Vizag Campus 9) Rites GGM Saravananan 10) Prof. Nasar NIT

				SURATKAL 11) Shri. S. Sakthivel MD Blueberry Resource Management Consultancy 12) Prof. Natarajan (In personal capacity)
		New Standard	**Riverine ports/Jetties for inland water transportation (including Floating Jetties, etc)**	1) Prof Sannasi Raj (Convener),IIT Madras 2) Representativefrom Aecom 3) Shri Sunil Kumar, JSW 4) Shri P.K Ray, ITD Cementation IndiaLimited, Kolkata 5) Shri Abhishek Basu, Adani Infra India Limited 6) Shri R. Saravanan, Rites Limited, Gurugram 7) Shri V.N. Heggade In Personal Capacity 8) Dr R. Sundaravadivelu, In Personal Capacity 9) Shri Abhishek Pal Scientist-D, BIS
8		*New Standard*	**Hydrodynamic forces and effects on coastal structures**	1)Dr. Sannasi Raj, (Convener),IIT Madras 2) R. Sundaravadivelu, In Personal Capacity 3) Dr. M. V. Ramana Murthy NCCR 4)Shri Kiran Raju NCCR 5)Prof. Nilanjan Saha IIT Madras 6)Prof. Sriram IIT Madras 7)Prof. Manasa Ranjan Behera IIT Bombay 8)Prof. NASAR Thuvanismail NIT Surathkal 9)Prof. Muthu kumaran NIT Trichy

				10)Shri N. Sunil Kumar JSW 11)Shri Pinaki Ranjan Adak ITD 12)Shri Abhishek Basu Adani Infra India Limited 13)Shri Abhishek Pal Scientist-D/ Joint Director
9	-	*New Standard*	**Retrofitting of Coastal Structures**	1)Prof Nilanjan Saha, (Convener),IITMadras 2)Shri Abhishek Basu, Adani Infra India Limited 3)Shri N. Sunil Kumar, JSW 4)Representative from NCCR 5)Prof Sannasi Raj,IIT Madras 6)Shri Arun Kumar,NIOT, Chennai 7)Shri J.K Ahulwalia, Aecom India PrivateLimited, Gurugram

The Committee may **CONSIDER**.

5.4 Hydrodynamic Forces and Effects on Coastal Structures

The committee requested Dr. Sannasi Raj, to provide the modified draft for Committee consideration.

The Committee may **CONSIDER**.

ITEM 6 ISO WORK

6.1 ISO work under the Sectional Committee along with its scope is given at **Annex 3**.

The committee may **CONSIDER** and **ADVISE**.

ITEM 7 ANY OTHER BUSINESS

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ANNEX 1

(*Item* 4.1)

COMPOSITION OF PORTS, HARBOURS AND OFFSHORE INSTALLATIONS SECTIONAL COMMITTEE, CED 47

Nos. of Meeting	Date	Place
Fourteenth	15 June 2023	VC
Fifteenth	17 Nov 2023	VC
Sixteenth	19 Sep 2024	VC

SI No.	NAME OF THE ORGANIZATION	REPRESENTED BY	STA-TUS	MEETINGS			ATTEN-DANCE
				14th	15th	16th	
1.	In Personal Capacity, Chennai	Dr R. Sundaravadivelu **(*Chairperson*)**	T	P	P	P	3/3
2.	AECOM India Pvt. Ltd, Gurugram	Shri Sanjeev Gupta Shri JK. Ahluwalia *(Alternate)*	T	P	P	P	3/3
3.	Afcons Infrastructure Limited, New Delhi	Shri V. Ramamurty Ms. Vasusmitha Joshi (*Alternate*)	U	P	P	P	3/3
4.	Assystem STUP	Shri P. R. Rajesh Shri H. Immanuel Anderson (*Alternate*)	T	P	P	A	2/3
5.	Adani Infrastructure India Limited	Mr. Abhishek Basu Mr. Hitesh Bhatt(*Alternate*) Shri Prakash Manickavasagam (*Alternate* II)	U	A	P	P	2/3
6.	CSIR-National Institute of Oceanography, Dona Paula	Dr Sukomal Mandal Shri D. Illangovan *(Alternate)*	T	A	A	P	1/3
7.	CSIR-Structural Engineering Research Centre, Chennai	Dr P Harikrishna Shri S. Vishnuvardhan (*Alternate* I) Dr A. Subbulakshmi (*Alternate* II)	T	P	P	P	3/3
8.	Central Institute of Coastal Engineering for Fishery, Bengaluru	Shri N. Venkatesh Prasad Shri M. B. Belliappa (*Alternate*)	T	A	P	P	2/3
9.	Central Water and Power Research Station, Pune	Dr Prabhat Chandra Shri A. A. Purohit (*Alternate*)	T	P	A	P	2/3

SI No.	NAME OF THE ORGANIZATION	REPRESENTED BY	STA-TUS	MEETINGS			ATTEN-DANCE
				14th	15th	16th	
10.	Chennai Port Trust, Chennai	Superintending Engineer (Civil) Executive Engineer (Civil) (*Alternate*)	U	P	P	A	2/3
11.	Engineers India Limited, New Delhi	Shri Bhaskar Pal Shri Charanjit Singh (*Alternate*)	T	P	P	P	3/3
12.	ITD Cementation India Limited, Kolkata	Shri Prodyot Kumar Roy Shri Pinaki Ranjan Adak (*Alternate* I) Shri Sudeep Kole (*Alternate* II)	U	P	P	P	3/3
13.	Indian Institute of Technology Madras, Chennai	Prof S. A. Sannasiraj Prof Nilanjan Saha (*Alternate* I) Prof Sriram (*Alternate* II) Mr. Sriram Venkatachalam (*Alternate* III)	T	A	P	P	2/3
14.	Institute of Engineering & Ocean Technology, Panvel (Part of ONGC), Maharashtra	Shri Dinesh Gupta	T	P	A	A	1/3
15.	JSW Infrastructure limited, Mumbai	Shri N. Sunil Kumar Shri Rakesh Singh Sisodia (*Alternate*)	U	P	A	P	2/3
16.	Jawahar Lal Nehru Port Trust, Navi Mumbai	Mr. G. Vaidyanathan		-	-	C	1/3
17.	Jindal Steel and Power Limited, New Delhi	Shri K. Hari		-	-	C	1/3
18.	Ministry of Ports, Shipping and Waterways, New Delhi	Shri H. N. Aswath Shri Anil Pruthi (*Alternate*) Shri Ramji Singh	U	P	P	P	3/3
19.	National Centre for Coastal Research, Chennai	Dr M. V. Ramanamurthy Dr R. S. Kankara(*Alternate*I) Shri Kiran Raju (*Alternate* II)	T	P	P	P	3/3
20.	National Institute of Ocean Technology, Chennai	Dr Basanta Kumar Jena Dr Vijaya Ravichandran (*Alternate* I)	T	P	P	P	3/3

SI No.	NAME OF THE ORGANIZATION	REPRESENTED BY	STA-TUS	MEETINGS			ATTEN-DANCE
				14th	15th	16th	
		Ms Shyamala Dinakaran (*Alternate* II)					
21.	RITES Limited, Gurugram	Shri R Saravanan Shri Krishan Kumar(*Alternate*)	U	P	P	P	3/3
22.	Rail Vikas Nigam Limited, New Delhi	Mr. Sivasubramanian		-	-	C	1/3
23.	Royal Haskoningdhv India, Noida	Shri Manish Kumar Shri Mohd. Aslam Bijapur (*Alternate*)	U	A	P	P	2/3
24.	WAPCOS Limited, New Delhi	Mr DVS Murthy		-	-	C	1/3
25.	In Personal Capacity	Shri K Vedgairi	T	A	P	P	2/3
26.	In Personal Capacity	Shri V. N. Heggade		P	P	P	3/3
27.	In Personal Capacity, New Delhi	Dr M. Hariharan	T	A	P	A	1/3
28.	In Personal Capacity	Mr. T N Krishnamoorthi		-	-	C	1/3

ANNEX 2
(*Item* 3.1)

PROGRAMME OF WORK

CED47 SCOPE	PORTS, HARBOURS AND OFFSHORE INSTALLATIONS FORMULATION OF STANDARDS, CODES AND RECOMMENDATIONS RELATING SPECIFICALLY TO, I) PORTS AND HARBOURS AND OTHER ANCILLARY STRUCTURES II) OFFSHORE STRUCTURES
LIAISON	ISO/TC 67/SC 7 (O) OFFSHORE STRUCTURES

Sl No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.	Aspect
1	IS 4651 (Part 1):2020	Planning and design of ports and harbours — Code of practice: Part 1Site investigation (*second revision*)			C
2	IS 4651 (Part 2):2020	Planning and design of ports and harbours — Code of practice: Part 2 Geotechnical engineering (*second revision*)			C
3	IS 4651 (Part 3): 2020	Planning and design of ports and harbours — Code of practice: Part 3 Loading (*second revision*)			C
4	IS 4651 (Part 4):2023	Planning and design of ports and harbours — Code of practice: Part 4 General design considerations (*third revision*)			C
5	IS 4651 (Part 5):1980	Code of practice for planning and design of ports and harbours: Part 5 Layout and functional requirements	Jul 2022		C
6	IS 7314:2023	Glossary of terms relating to port and harbour engineering	Jul 2022		T
7	IS 9527 (Part 1):1981	Code of practice for design and construction of port and harbour structures: Part 1 Concrete monoliths	Jul 2022		C
8	IS 9527 (Part 3):1983	Code of practice for design and construction of port and harbour structures: Part 3 Sheet pile walls	Jul 2022		C
9	IS 9527 (Part 4):1980	Code of practice for design and construction of port and harbour structures: Part 4 Cellular sheet pile structures	Jul 2022		C

SI No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.	Aspect
10	IS 9527 (Part 6):1989	Design and construction port and harbour Structures — Code of practice: Part 6 Block work	Aug 2020		C
11	IS 10020 (Part 4):1981	Recommendations for design and construction of port and harbour components: Part 4 Slipways	Jul 2022		O

ANNEX 3
(*Item* 5.1)

ISO WORK RELATED TO CED 47

ISO/TC 67

Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries Technical Committee

Scope

Standardization of the materials, equipment and offshore structures used in the drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries.

Excluded: Aspects of offshore structures subject to IMO requirements (ISO /TC8 Ships and Marine Technology).

Details of Various Working Groups Under **TC67/SC67:**

Reference	Title	Type
ISO/TC 67/SC7/WG 1	General requirements	Working group
ISO/TC 67/SC7/WG 3	Fixed steel structures	Working group
ISO/TC 67/SC7/WG 4	Fixed concrete structures	Working group
ISO/TC 67/SC7/WG 5	Floating systems	Working group
ISO/TC 67/SC7/WG 6	Weight engineering	Working group
ISO/TC 67/SC7/WG 7	Site specific assessment of mobile offshore units (MOUS)	Working group
ISO/TC 67/SC7/WG 8	Offshore Arctic structures	Working group
ISO/TC 67/SC7/WG 9	Marine operations	Working group
ISO/TC 67/SC7/WG10	Foundations	Working group
ISO/TC 67/SC7/WG11	Offshore freight containers	Working group

Also, the liaison Committees to ISO/TC67/SC 7are given below:

The committees below can access the documents of ISO/TC67/SC 7:

REFERENCE	TITLE
ISO/TC 8	Ships and marine technology
ISO/TC38	Textiles
ISO/TC98	Bases for design of structures
ISO/TC104	Freight containers
ISO/TC104/SC2	Specific purpose containers
ISO/TC156/SC1	Corrosion control engineering life cycle
ISO/TC167	Steel and aluminium structures

LIAISON COMMITTEES FROM ISO/TC67/SC 7

ISO/TC67/SC 7canaccessthedocumentsof the committees below:

REFERENCE	TITLE
ISO/TC8/SC 4	Outfitting and deck machinery
ISO/TC8/SC 8	Ship design
ISO/TC38	Textiles

ORGANIZATIONS INLIAISON(CATEGORYAANDB)

ACRONYM	TITLE
IACS - classification	International Association of Classification Societies
IADC- drilling	International Association of Drilling Contractors
IMO	International Maritime Organization
IOGP	International Association of Oil and Gas Producers

PUBLISHED STANDARDS AND/OR PROJECT UNDER DEVELOPMENT UNDER THE DIRECT RESPONSIBILITY OF ISO/TC67/SC7 SECRETARIAT(27)	**STAGE**
ISO 10855-1:2018 : Offshore containers and associated lifting sets – Part1:Design, manufacture and marking of offshore containers	60.60
ISO 10855-2:2018 : Offshore containers and associated lifting sets –Part2: Design, manufacture and marking of lifting sets	60.60
ISO 10855-3:2018 : Offshore containers and associated lifting sets –Part3: Periodic inspection, examination and testing	60.60
ISO 19900:2019 : Petroleum and natural gas industries -- General requirements for offshore structures	60.60
ISO 19901-1:2015 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 1:Metoce and design and operating considerations	60.60
ISO 19901-2:2017 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 2: Seismic design procedures and criteria	90.92
ISO/AWI19901-2 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 2: Seismic design procedures and criteria	20.00
ISO 19901-3:2014 : Petroleum and natural gas industries –Specific requirements for offshore structures -- Part 3:Top sides structure	60.60
ISO 19901-4:2016 : Petroleum and natural gas industries–Specific requirements for offshore structures -- Part 4: Geotechnical and foundation design considerations	60.60
ISO 19901-5:2016 : Petroleum and natural gas industries –Specific requirements for offshore structures -- Part 5:Weight control during engineering and construction	90.92

PUBLISHED STANDARDS AND/OR PROJECT UNDER DEVELOPMENT UNDER THE DIRECT RESPONSIBILITY OF ISO/TC67/SC7 SECRETARIAT(27)	**STAGE**
ISO/AWI19901-5 : Petroleum and natural gas industries— Specific requirements for offshore structures -- Part 5:Weight management	20.00
ISO 19901-6:2009 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 6: Marine operations	60.60
ISO 19901-6:2009/COR1:2011	60.60
ISO 19901-7:2013 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 7:Station keeping systems for floating offshore structures and mobile offshore units	90.93
ISO 19901-8:2014 : Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 8: Marine soil investigations	60.60
ISO 19901-9:2019 :Petroleum and natural gas industries – Specific requirements for offshore structures -- Part 9: Structural integrity management	60.60
ISO/DIS19901-10 : Petroleum and natural gas industries –Specific requirements for offshore structures – Part10: Marine geophysical investigations	40.60
ISO 19902:2007 : Petroleum and natural gas industries– Fixed steel offshore structures	90.92
ISO 19902:2007/AMD1:2013	60.60
ISO/FDIS19902 : Petroleum and natural gas industries – Fixed steel offshore structures	50.00
ISO 19903:2019 : Petroleum and natural gas industries–Concrete offshore structures	60.60

PUBLISHEDSTANDARDSAND/ORPROJECT UNDERDEVELOPMENT UNDERTHEDIRECTRESPONSIBILITYOFISO/TC67/SC7SECRETARIAT(27)	**STAGE**
ISO 19904-1:2019 : Petroleum andnaturalgasindustries– Floatingoffshorestructures-- Part1:Ship-shaped,semi-submersible,sparandshallow-draughtcylindricalstructures	60.60
ISO 19905-1:2016 : Petroleum andnaturalgasindustries--Site-specificassessment ofmobileoffshoreunits – Part1:Jack-ups	60.60
ISO/TR19905-2:2012 : Petroleum andnaturalgasindustries--Site-specificassessment ofmobileoffshoreunits – Part2:Jack-upscommentary anddetailedsamplecalculation	60.60
ISO 19905-3:2017 : Petroleum andnaturalgasindustries--Site-specificassessment ofmobileoffshoreunits – Part3:Floatingunit	90.92
ISO/DIS19905-3 : Petroleum andnaturalgasindustries--Site-specificassessment ofmobileoffshoreunits – Part3:Floatingunits	40.00
ISO 19906:2019 : Petroleum andnaturalgasindustries—Arcticoffshorestructures	60.60