

Liste der Prüfverfahren im akkreditierten Prüflabor der Abteilung Schifffahrt

Nehmen sie gerne Kontakt mit uns auf, wenn Prüfungen nach anderen Normausgabeständen gewünscht werden.

Pos	Norm oder Prüfverfahren mit Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren	flexibel akkreditierter Normenausgabe-stand
Querschnitt				
01	IEC 60945:2002-08 incl. IEC 60945 Corr.1:2008	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	nur Kapitel 6 <i>operational checks</i> ,	2008-04 (Corr.)
02	IEC 61162-1:2016-08	Maritime navigation and radiocommunication equipment and systems - Digital interfaces Part 1: Single talker and multiple listeners		2000-07 2007-04 2010-11 IEC PAS 61162-103, 2021-04
03	IEC 61162-2:1998-09	Maritime navigation and radiocommunication equipment and systems - Digital interfaces Part 2: Single talker and multiple listeners, high-speed transmission		
04	IEC 61162-450:2018-05	Maritime navigation and radiocommunication equipment and systems - Digital interfaces Part 450: Multiple talkers and multiple listeners - Ethernet interconnection		2011-06 2016-03
05	IEC 61162-460:2018-05	Maritime navigation and radiocommunication equipment and systems - Digital interfaces Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security		2015-08 AMD 1, 2020-01

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06	IEC 62288:2021-12	Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results		2008-07 2014-07
07	IEC 62923-1:2018-08	Maritime navigation and radiocommunication equipment and systems - Bridge alert management Part 1: Operational and performance requirements, methods of testing and required test results		
08	IEC 62923-2:2018-08	Maritime navigation and radiocommunication equipment and systems - Bridge alert management Part 2: Alert and cluster identifiers and other additional features		
Licht				
09	EN 14744:2005 (2006-01)	Inland navigation vessels and sea-going vessels – Navigation light		
10	UL 1104 46 CFR 120.420	Standard for Marine Navigation Lights	nur Kapitel 10.2, 22 und 44	
11	ISO 24408:2005-11	Schiffe und Meerestechnik - Positionsanzeigende Rettungsmittelleuchten - Prüfung, Kontrolle und Kennzeichnung von Serienprodukten	nicht anwendbar für gepulstes Licht	
12	RESOLUTION MSC.81(70) (1998-12)	Revised Recommendation on Testing of Life-Saving Appliances	nur Kapitel 10	1998-12 MSC200(80) 2005-05 MSC.226(82) 2006-12 MSC.323(89) 2011-05

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13	ISO 17884:2004-11	Schiffe und Meerestechnik - Suchscheinwerfer für Hochgeschwindigkeitsfahrzeuge		
14	ISO 25861:2007-12	Schiffe und Meerestechnik - Navigation - Tagsignalscheinwerfer		
15	ISO 16273:2020-08	Schiffe und Meerestechnik - Nachtsichtgeräte für Hochgeschwindigkeitsfahrzeuge - Anforderungen an Funktion und Ausführung, Prüfverfahren und geforderte Prüfergebnisse	Außer Kapitel: 5.1.4; 5.2.2; 5.4.3; und 5.4.4	
Nautische Sensorik				
16	IEC 61023:2007-06	Maritime navigation and radiocommunication equipment and systems - Marine speed and distance measuring equipment (SDME) - Performance requirements, methods of testing and required test results		1999-07
17	ISO 22090-3:2014-03	Schiffe und Meerestechnik - Steuerkurstransmitter (THDs) Teil 3: GNSS-Verfahren		2004-05
18	ISO 25862:2019-07	Ships and marine technology -- Marine magnetic compasses, binnacles and azimuth reading devices	ohne Anhang E und G	2009-05
Positions-Systeme				
19	IEC 61108-1:2003-07	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results		1996-06
20	IEC 61108-2:1998-06	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS)		

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		Part 2: Global navigation satellite system (GLONASS) - Receiver equipment - Performance standards, methods of testing and required test results		
21	IEC 61108-3:2010-05	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) Part 3: Galileo receiver equipment – Performance requirement, methods of testing and required test results		
22	IEC 61108-4:2004-07	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) Part 4: Shipborne DGPS and DGLONASS maritime radio beacon receiver equipment - Performance requirements, methods of testing and required test results		
Elektronische Kartendarstellungssysteme				
23	IEC 61174:2015-08	Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results		2001-10 2008-09 IEC PAS 61174-1:2021-03
24	IEC 62376:2010-09	Maritime navigation and radiocommunication equipment and systems – Electronic chart system (ECS) – Operational and performance requirements, methods of testing and required test results		
Schiffsdatenschreiber				
25	IEC 61996-1:2013 incl. IEC 61996-1 Corr.1:2014	Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR)		AMD 1, 2021-05

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26	IEC 61996-2:2007-11	Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) Part 2: Simplified voyage data recorder (S-VDR) - Performance requirements, methods of testing and required test results		
Bahnführungssysteme				
27	IEC 62065:2014-02	Maritime navigation and radiocommunication equipment and systems - Track control systems - Operational and performance requirements, methods of testing and required test results		2002-03
Integrierte Navigationssysteme				
28	IEC 61924-2:2021-02 incl. IEC 61924-2 Corr.1:2013	Maritime navigation and radiocommunication equipment and systems - Integrated navigation systems Part 2: Modular structure for INS - Operational and performance requirements, methods of testing and required test results		2012-12
Automatische Identifikationssysteme für Schiffe				
29	IEC 61993-2:2018-07	Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results	ohne Kapitel 15 (Physical tests)	2001-12 2012-10
30	IEC 62287-1:2017-04	Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques	ohne Kapitel 11 (Physical tests)	2010-11 2013-03
31	IEC 62287-2:2017-02	Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS)	ohne Kapitel 11 (Physical tests)	2013-03

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		Part 2: Self-organising time division multiple access (SOTDMA) techniques		
32	IEC 62320-1:2015-01	Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results	ohne Kapitel 9 (Physical radio tests)	2007-02
33	IEC 62320-2:2016-10	Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) Part 2: AIS AtoN Stations - Operational and performance requirements, methods of testing and required test results	ohne Kapitel 7 (RF tests)	2008-03
34	IEC 62320-3:2015-01	Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) Part 3: Repeater Stations – Minimum operational and performance requirements, methods of test and required test results	ohne Kapitel 8 (Physical radio tests)	
35	IEC 61097-14:2010-02	Global maritime distress and safety system (GMDSS) Part 14: AIS search and rescue transmitter (AIS-SART) - Operational and performance requirements, methods of testing and required test results	nur Kapitel 6.9 Electronic position fixing system (IEC 61108-1) und Kapitel 8 Link layer tests	