

IEC TC 80 Maritime navigation and radiocommunication equipment and systems

Current Standards published at 4 April 2000.

NUMBER and issue	TITLE	Notes
IEC 60872-1 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Radar plotting aids - Part 1: Automatic radar plotting aids (ARPA) - Methods of testing and required test results	
IEC 60872-2 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Radar plotting aids - Part 2: Automatic tracking aids (ATA) - Methods of testing and required test results	
IEC 60936-1 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Radar - Part 1: Shipborne radar - Performance requirements - Methods of testing and required test results	
IEC 60936-2 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Radar - Part 2: Shipborne radar for high-speed craft (HSC) - Methods of testing and required test results	
IEC 60945 Ed. 3.0 *	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	
IEC 61023 Ed. 2.0	Maritime navigation and radiocommunication equipment and systems - Marine speed and distance measuring equipment (SDME) - Performance requirements - Methods of testing and required test results	
IEC 61075 Ed. 1.0	Loran-C receivers for ships - Minimum performance standards - Methods of testing and required test results	
IEC 61097-1 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 1: Radar transponder - Marine search and rescue (SART) - Operational and performance requirements, methods of testing and required test results	
IEC 61097-2 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 2: COSPAS-SARSAT EPIRB - Satellite emergency position indicating radio beacon operating on 406 MHz - Operational and performance requirements, methods of testing and required test results	
IEC 61097-3 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 3: Digital selective calling (DSC) equipment - Operational and performance requirements, methods of testing and required testing results	

IEC 61097-4 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 4: INMARSAT-C ship earth station and INMARSAT enhanced group call (EGC) equipment - Operational and performance requirements, methods of testing and required test results	
IEC 61097-5 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 5: Inmarsat-E - Emergency position indicating radio beacon (EPIRB) operating through the Inmarsat system - Operational and performance requirements, methods of testing and required test results	
IEC 61097-6 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 6: Narrowband direct-printing telegraph equipment for the reception of navigational and meteorological warnings and urgent information to ships (NAVTEX) - Operational and performance requirements, methods of testing and required test results	
IEC 61097-7 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 7: Shipborne VHF radiotelephone transmitter and receiver - Operational and performance requirements, methods of testing and required test results	
IEC 61097-8 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 8: Shipborne watchkeeping receivers for the reception of digital selective calling (DSC) in the maritime MF, MF/HF and VHF bands - Operational and performance requirements, methods of testing and required test results	
IEC 61097-9 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 9: Shipborne transmitters and receivers for use in the MF and HF bands suitable for telephony, digital selective calling (DSC) and narrow band direct printing (NBDP) - Operational and performance requirements, methods of testing and required test results	
IEC 61097-10 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 10: Inmarsat-B ship earth station equipment - Operational and performance requirements, methods of testing and required test results	
IEC 61097-12 Ed. 1.0	Global maritime distress and safety system (GMDSS) - Part 12: Survival craft portable two-way VHF radiotelephone apparatus - Operational and performance requirements, methods of testing and required test results	
IEC 61108-1 Ed. 1.0	Global navigation satellite systems (GNSS) - Part 1: Global positioning system (GPS) - Receiver equipment - Performance standards, methods of testing and required test results	
IEC 61108-2 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 2: Global navigation satellite system (GLONASS) - Receiver equipment - Performance standards, methods of testing and required test results	

IEC 61110 Ed. 1.0	System Omega and differential Omega receivers for ships - Operational and performance requirements - Methods of testing and required test results	Obs
IEC 61135 Ed. 1.0	Decca navigator system: Receivers for ships - Minimum performance standards - Methods of testing and required test results	Obs
IEC 61162-1 Ed. 1.0 *	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	
IEC 61162-2 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission	
IEC 61174 Ed. 1.0 *	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	
IEC 61209 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Integrated bridge systems (IBS) - Operational and performance requirements, methods of testing and required test results	
IEC 61993-1 Ed. 1.0	Maritime navigation and radiocommunication equipment and systems - Part 1: Shipborne automatic transponder system installation using VHF digital selective calling (DSC) techniques - Operational and performance requirements, methods of testing and required test results	

* under revision

Obs
Obsolete due for deletion.

New Standards being drafted at 4 April 2000.

NUMBER and issue	TITLE	Due date
IEC 60872-3	Maritime navigation and radiocommunication equipment and systems - Radar plotting aids - Part 3: Electronic plotting aids (EPA) - Methods of testing and required test results	Aug 2000
IEC 60936-3	Maritime navigation and radiocommunication equipment and systems - Radar - Part 3: Shipborne radar with chart facilities- Performance requirements - Methods of testing and required test results	April 2001
IEC 60936-4	Maritime navigation and radiocommunication equipment and systems - Radar - Part 4: Shipborne radar as an ECDIS backup- Performance requirements - Methods of testing and required test results	Dec 2001
IEC 60945 Ed. 4.0	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	April 2000
IEC 61097-11	Global maritime distress and safety system (GMDSS) - Part 11: Narrow band direct printing (NBDP) equipment (radiotelex) - Operational and performance requirements, methods of testing and required test results	Aug 2001
IEC 61097-14	Global maritime distress and safety system (GMDSS) - Part 14: Reserve sources of energy Operational and performance requirements, methods of testing and required test results	—
IEC 61108-3	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 3: Combined GPS and GLONASS systems - Receiver equipment - Performance standards, methods of testing and required test results	On Hold
IEC 61108-4	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS) - Part 4: Differential GPS/GLONASS systems - Receiver equipment - Performance standards, methods of testing and required test results	Dec 2001
IEC 61162-1 Ed. 2.0	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	June 2000

IEC 61162-3	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 3: Small ship network	June 2001
IEC 61162-400	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 400: Multiple talker and multiple listeners - Ships system interconnection	April 2001
IEC 61162-401	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 401: Multiple talker and multiple listeners - Ships system interconnection - Application profile.	April 2001
IEC 61162-410	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 410: Multiple talker and multiple listeners - Ship system interconnection - Transport Profile requirements and basic transport profile	April 2001
IEC 61162-420	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 420: Companion Standard requirements and basic companion standards- Multiple talker and multiple listeners - Ship system interconnect.	April 2001
IEC 61174 Ed. 2.0	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	July 2001
IEC 61924	Maritime navigation and radiocommunication equipment and systems - Integrated Navigation Systems Operational and performance requirements, methods of testing and required test results	April 2002
IEC 61993-2	Maritime navigation and radiocommunication equipment and systems - Part 2: Shipborne Universal Automatic Identity transponder System (UAIS) - Operational and performance requirements, methods of testing and required test results	Dec 2001
IEC 61996	Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR) Performance requirements, methods of testing and required test results	July 2000