

5. Radio-communication equipment

Item No	Item designation	Regulation SOLAS 74 as amended where 'type approval' is required	Applicable regulations SOLAS 74 as amended, and the relevant resolutions and circulars of the IMO ⁽¹⁾	Testing standards ⁽³⁾	Modules for conformity assessment					
					B+ C	B+ D	B+ E	B+F	G	H
A.1/5.1	VHF radio installation capable of transmitting and receiving DSC and radiotelephony	Regulation IV/14, Regulation X/3	Regulation IV/7.1.1, Regulation X/3, IMO Resolution A.524 (13), IMO Resolution A.694 (17), IMO Resolution A.803 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 1, ITU-R 493, ITU-R 541	ETS 300 162-2, ETS 300 338, EN 300 828, EN 60945; IEC 61097-3, IEC 61097-7 IEC 60945		X	X	X	X	
A.1/5.2	VHF DSC watchkeeping receiver	Regulation IV/14, Regulation X/3	Regulation IV/7.1.2 Regulation X/3, IMO Resolution A.609 (15), IMO Resolution A.694 (17), IMO Resolution A.803 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 1, ITU-R 493, ITU-R 541	ETS 300 162-2, ETS 300 338, ETS 300 828, EN 301 033, EN 60945; IEC 61097-3, IEC 61097-8, IEC 60945		X	X	X	X	
A.1/5.3	NAVTEX receiver	Regulation IV/14, Regulation X/3	Regulation IV/7.1.4, Regulation X/3, IMO Resolution A.525 (13), IMO Resolution A.694 (17), IMO Resolution A.813 (19), ITU-R 540, ITU-R 625	ETS 300 065 + A1, EN 301 011, EN 60945; IEC 61097-6, IEC 60945		X	X	X	X	

⁽¹⁾ ITU Recommendations cited are those referred to in the international conventions and the relevant resolutions and circulars of the IMO.

⁽²⁾ Where IMO Resolutions are cited, only the testing standards contained in relevant parts of the Annexes to the Resolutions are applicable and exclude the provisions of the Resolutions themselves.

A.1/5.4	EGC receiver	Regulation IV/14, Regulation X/3	Regulation IV/7.1.5, Regulation X/3, IMO Resolution A.570 (14), IMO Resolution A.664 (16), IMO Resolution A.694 (17), IMO Resolution A.813 (19)	ETS 300 460 + A1, EN 300 829, EN 60945; IEC 61097-4, IEC 60945		X	X	X	X	
A.1/5.5	HF marine safety information (MSI) equipment (HF NBDP receiver)	Regulation IV/14, Regulation X/3	Regulation IV/7.1.5, Regulation X/3, IMO Resolution A.694 (17), IMO Resolution A.700 (17), IMO Resolution A.806 (19), IMO Resolution A.813 (19), ITU-R 491, ITU-R 492, ITU-R 625, ITU-R 688	ETS 300 067 & A1, EN 60945; IEC 61097-11, IEC 60945		X	X	X	X	
A.1/5.6	406 MHz EPIRB (COSPAS-SARSAT)	Regulation IV/14, Regulation X/3	Regulation IV/7.1.6, Regulation X/3, IMO Resolution MSC56 (66), IMO Resolution A.662 (16), IMO Resolution A.694 (17), IMO Resolution A.696 (17), IMO Resolution A.763 (18), IMO Resolution A.810 (19), IMO Resolution A.813 (19), ITU-R 633	ETS 300 066-2, EN 60945; IEC 61097-2, IEC 60945		X	X	X	X	
A.1/5.7	L-band EPIRB (INMARSAT)	Regulation IV/14, Regulation X/3	Regulation IV/7.1.6 Regulation X/3 IMO Resolution A.661 (16), IMO Resolution A.662 (16), IMO Resolution A.694 (17), IMO Resolution A.812 (19), IMO Resolution A.813 (19), ITU-R 632-3	ETS 300 372 EN 60945; IEC 61097-5, IEC 60945		X	X	X	X	

A.1/5.8	2182 KHz Watch receiver	Regulation IV/14, Regulation X/3,	Regulation IV/7.2, Regulation X/3, IMO Resolution A.383 (X), IMO Resolution A.694 (17), IMO Resolution A.813 (19), ITU-R M 219, ITU-R 693	ETS 300 441, EN 301090; EN 60945; IEC 61097-15, IEC 60945		X	X	X	X	
A.1/5.9	Two-tone alarm signal generator	Regulation IV/14, Regulation X/3	Regulation IV/7.3, Regulation X/3, IMO Resolution A.421 (XI), IMO Resolution A.571 (14), IMO Resolution A.694 (17), IMO Resolution A.813 (19), ITU-R 219	ETS 300 373 + A1, EN 60945; IEC 61097-9, IEC 60945		X	X	X	X	
A.1/5.10	MF radio installation capable of transmitting and receiving DSC and radiotelephony	Regulation IV/14, Regulation X/3	Regulation IV/9.1.1, Regulation IV/10.1.2, Regulation X/3, IMO Resolution A.334 (IX), IMO Resolution A.610 (15), IMO Resolution A.694 (17), IMO Resolution A.804 (19), IMO Resolution A.813 (19), IMO Resolution MSC 68 (68) Annex 2, ITU-R M 219, ITU-R M 493, ITU-R M 541	ETS 300 338, ETS 300 373 + A1, EN 60945; IEC 61097-3, IEC 61097-9, IEC 60945		X	X	X	X	
A.1/5.11	MF radiotelephone DSC watchkeeping receiver	Regulation IV/14, Regulation X/3	Regulation IV/9.1.2, Regulation IV/10.1.3, Regulation X/3, IMO Resolution A.610 (15), IMO Resolution A.694 (17), IMO Resolution A.804 (19), IMO Resolution A.806 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 2, ITU-R 493, ITU-R 541	ETS 300 338, ETS 300373, EN 301 033, EN 60945; IEC 61097-3, IEC 61097-8, IEC 60945		X	X	X	X	

A.1/5.12	Immarsat-B SES	Regulation IV/14, Regulation X/3	Regulation IV/10.1.1, Regulation X/3, IMO Resolution A.570 (14), IMO Resolution A.694 (17), IMO Resolution A.698 (17), IMO Resolution A.808 (19), IMO Resolution A.813 (19)	IEC 61097-10, IEC 60945		X	X	X	X	
A.1/5.13	Immarsat-C SES	Regulation IV/14, Regulation X/3	Regulation IV/10.1.1 Regulation X/3, IMO Resolution A.570 (14), IMO Resolution A.663 (16), IMO Resolution A.664 (16), IMO Resolution A.694 (17), IMO Resolution A.807 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 4	ETS 300 460 + A1, EN 300 829, EN 60945; IEC 61097-4, IEC 60945		X	X	X	X	
A.1/5.14	MF/HF radio installation capable of transmitting and receiving DSC, NBDP and radiotelephony	Regulation IV/14, Regulation X/3	Regulation IV/10.2.1, Regulation X/3, IMO Resolution A.613 (15), IMO Resolution A.694 (17), IMO Resolution A.806 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 3, ITU R 476, ITU-R 492, ITU R 493, ITU R 541, ITU R 625	ETS 300 338, ETS 300 373 + A.1, ETS 300 067 + A1, EN 60945; IEC 61097-3, IEC 61097-9, IEC 61097-11, IEC 60945		X	X	X	X	
A.1/5.15	Radiotelephone MF/HF DSC watch keeping receiver	Regulation IV/14 Regulation X/3,	Regulation IV/10.2.2, Regulation X/3, IMO Resolution A.613 (15), IMO Resolution A.694 (17), IMO Resolution A.806 (19), IMO Resolution A.813 (19), IMO Resolution MSC68(68) Annex 3, ITU R 493	ETS 300 338, ETS 300 373, EN 301 033, EN 60945; IEC 61097-3, IEC 61097-8, IEC 60945		X	X	X	X	

A.1/5.16	Aeronautical two way VHF radio telephone apparatus	Regulation IV/14, Regulation X/3	Regulation IV/7.5, Regulation X/3, IMO Resolution A.694 (17), IMO Resolution A.813 (19), ICAO Convention Annex 10 Radio Regulations	TS 101 089, EN 60945, IEC 60945		X	X	X	X	
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