

Item designation	SOLAS 74 where "type approval" is required	Regulations of SOLAS 74 and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Suitability for e-navigation
Integrated Navigation System (INS)	Reg. V/18 Not currently a carriage requirement	Reg. V/19 IMO Res.A.694(17) IMO Res. MSC.252(83)	IEC 60945(2002) IEC 61924 ed 2(tba)	<b>M, P</b>
Magnetic compass	Reg. V/18.	Reg. V/19, — IMO Res. A.382(X), — IMO Res. A.694(17).	ISO 449 (1997), — ISO 694 (2000), — ISO 1069 (1973), — ISO 2269 (1992), — IEC 60945 (2002).	<b>E</b>
Transmitting heading device THD (magnetic method)	Reg. V/18, — Reg. V/19, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.694(17), — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13, — IMO Res. MSC.116(73).	IEC 60945 (2002), — IEC 61162 series, — ISO 22090-2 (2004), including Corrigendum 2005.	<b>E</b> <b>F</b>
Gyro compass	Reg. V/18.		ISO 8728 (1997), — IEC 60945 (2002), — IEC 61162 series, — IEC 62288 Ed.1.0(2008).	<b>E</b> <b>F</b>
Echo Sounding Equipment	Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.424(XI), — IMO Res. A.694(17), Reg. V/19, — IMO Res. A.224(VII), — IMO Res. A.694(17), — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.74(69) Annex 4, — IMO Res. MSC.97(73)-(2000 HSC code) 13, — IMO Res. MSC.191(79).— IMO Res. MSC.191(79).	ISO 9875 (2000), — IEC 60945 (2002), — IEC 61162 series, — IEC 62288 Ed.1.0(2008).	<b>E</b> <b>P</b> <b>F</b>
Speed and Distance Measuring Equipment	Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.694(17), — IMO Res. A.824(19), — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.96(72), — IMO Res. MSC.97(73)-(2000 HSC code) 13, — IMO Res. MSC.191(79).	IEC 60945 (2002), — IEC 61023 (2007), — IEC 61162 series, — IEC 62288 Ed.1.0(2008)	<b>E</b> <b>P</b> <b>F</b>
Rate of Turn Indicator	Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.526(13), — IMO Res. A.694(17), — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13, — IMO Res. MSC.191(79).	IEC 60945 (2002), — IEC 61162 series, — ISO 20672 (2007), — IEC 62288 Ed.1.0(2008).	<b>E</b> <b>P</b> <b>F</b>
GPS equipment	Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.694(17), — IMO Res. MSC.36(63)-(1994 HSC code), — IMO Res. MSC.97(73)-(2000 HSC code), — IMO Res. MSC.112(73), — IMO Res. MSC.191(79).	IEC 60945 (2002), — IEC 61108-1 (2003), — IEC 61162 series, — IEC 62288 Ed.1.0(2008).	<b>E</b> <b>F</b> <b>P</b>
Glonass equipment	Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13.	Reg. V/19, — IMO Res. A.694(17), — IMO Res. MSC.36(63)-(1994 HSC code) 13, — IMO Res. MSC.97(73)-(2000 HSC code) 13, — IMO Res. MSC.113(73), — IMO Res. MSC.191(79).	IEC 60945 (2002), — IEC 61108-2 (1998), — IEC 61162 series, — IEC 62288 Ed.1.0(2008).	<b>E</b> <b>F</b> <b>P</b>
Galileo	Reg V/18 IMO res xxx	?????		<b>E</b> <b>F</b> <b>P</b>