



## VESSEL EQUIPMENT LIST—CLASS 1B

This equipment list is for your guidance. For full details refer to the [National Standard for Commercial Vessels](#).

Items required	Vessels affected
<b>Life rafts and rescue boats</b>	
Inflatable Coastal life rafts 100%	All, as well as
Non-SOLAS rescue boat (minimum length 3.8m)	≥25m
Anti-exposure suit of appropriate size 100% rescue boat crew	≥25m and continuously engaged on voyages in operational areas with a monthly mean water temperature of 15°C or less
<b>Lifebuoys</b> Light and smoke signals are to be self-activating and each lifebuoy assumed to support 2 persons	
12 minimum—2 with lights and smoke signals, 4 with lights and 2 with buoyant lines	≥60m
8 minimum—2 with lights and smoke signals, 2 with lights and 2 with buoyant lines	≥45m <60m
6 minimum—2 with lights and smoke signals, 1 with light and 2 with buoyant lines	≥25m <45m
2 minimum—1 with light and 1 with buoyant line	≥10m <25m
<b>Lifejackets</b> Lifejacket light to be self-activating	
SOLAS lifejacket with light 100%	All
Additional SOLAS lifejacket with light for each child under 32kg or 10% of all passengers, whichever is greater	All
<b>Distress signals</b>	
406MHz EPIRB—until 1 January 2021	>2nm from land must carry a class 2 or class 3 EPIRB.
406MHz EPIRB—from 1 January 2021	≥12 m long and >2nm from land must carry a class 2 EPIRB fitted in a category 1 bracket or <12 m long and >2nm from land that do not meet the level flotation criteria mentioned in NSCV Section 6 - must carry a class 2 EPIRB, fitted in a category 1 bracket or All other 1B vessels <12 m long and >2nm from land must carry either a class 2 EPIRB or a class 3 EPIRB.
<i>(Note: this is in addition to any EPIRB carried as part of a life raft or survival craft.)</i>	
6 parachute distress rockets	All
4 red hand-held flares	All
2 hand-held orange smoke signals	All
<b>Line throwing appliances</b>	
4 rockets and line	≥45m
<b>Onboard communications and alarm systems</b>	
General emergency alarm system	≥25m
PA system if no direct communications to passengers in emergencies	All



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<b>Emergency electrical installation and equipment</b>	
Self-contained source of electrical power, either a dedicated battery or diesel generator, to provide emergency power to all key systems for 12hrs (See NSCV Part C Section 5B)	All
Temporary emergency power battery (See NSCV Part C Section 5B)	all carrying berthed passengers, except where the emergency generator starts and comes on load automatically
Emergency lighting (See NSCV Part C Section 5B)	All
2 Battery-operated torches	All
<b>Navigation equipment</b> Vessels 35m or more in length shall comply with MO27	
Clock (may be included in other navigation equipment)	<35m
Pair of binoculars fitted with neck strap and carrying case	<35m
Echo sounder	<35m
Daylight signaling lamp	≥35m
One set of International Code flags	≥35m <b>note:</b> <500GT only flag N +C >500GT 1 set
One copy of the International Code of Signals	≥35m
Signaling light	<35m
Nautical publications	<35m
ECDIS / ECS / Paper charts and backup for electronics	<35m
GNSS	<35m where plotting equipment (ECDIS, ECS, etc.) is fitted
Radar	<35m
Radar reflector	<12m
AIS Class B [TX/RX]	<35m
Speed and distance indicator	<35m
Compass (card 100mm minimum diameter)	<20m
Compass (card 125mm minimum diameter)	≥20m <35m
Communication system to emergency steering	<35m



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<b>Miscellaneous equipment</b>	
Windlass, anchors and cables (See NSCV Part C Section 7D for anchoring requirements)	All
Hawsers and warps	All
Medical stores as per NSCV Part C Section 7A Annex H lists, Scale D	Vessels carrying berthed passengers
Medical stores as per NSCV Part C Section 7A Annex H lists, Scale D	Vessels carrying unberthed passengers
Logbook (See MO504)	All
HF Radio with DSC/Satellite communication system/Satellite telephone	All
VHF Radio with DSC	All
Current edition of the “Marine Radio Operators Handbook”	All
Current edition of the “Marine VHF Radio Operators Handbook”	All
Navigation lights, day shapes and flags as per the Prevention of Collision at Sea Regulations (MO30)	All
Sound Signal	<12m
Whistle	≥12m
Bell (300mm minimum diameter)	≥20m
Gong	≥100m
Rudder position indicator	≥15m
Collar repair kit and air pump	All Inflatables/RIBs
Bilge pumps (see Table 1)	All
Approved safe means of access (See NSCV Part C Section 1 Clause 6.16 and Table 33)	All

**Note:** For Fire Fighting Equipment complying with the NSCV, please refer to the NSCV Part C Section 4.



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Table 1: Bilge Pumps

Measured length of vessel	Manual pumps with discharge capacity		Power pumps with discharge capacity	
	Number	Capacity in kilolitre/hour	Number	Capacity in kilolitre/hour
≥10m <12.5m	1	5.5	1	5.5
≥12.5m <17.5m	1	5.5	1	11.0
≥17.5m <20m	1	8.0	1	11.0
≥20m <25m	-	-	2	11.0
≥25m <35m	-	-	2	15.0

**Note:** On vessels 15m and greater in length, the bilge system must be capable of pumping and draining from every space in the vessel while any one watertight compartment (apart from the machinery space) is flooded.