



GUIDANCE NOTICE

VESSEL EQUIPMENT LIST – CLASS 1B

This Guidance Notice provides details of the Class 1B vessel equipment list required under the National Standard for Commercial Vessels (NSCV).

Glossary and Key:

to terms and phrases used in the vessel equipment list

/	or
<	less than
>	greater than
≤	equal to or less than
≥	equal to or greater than
xxm	measured length in metres
nm	nautical miles
100%	for total complement of vessel (maximum number of passengers and crew permitted)
AIS	Automatic Identification System
All	refers to vessels of any length in that class
ECS	Electronic Chart System
ECDIS	Electronic Chart and Display Information System
GNSS	Global Navigation Satellite System
GT	Gross Tonnage
LCS	Limited Coast Station
MO	Marine Order
PA System	Public Address System

Note 1: Class 1B vessels have a minimum length of 10m

Note 2: Vessels 500 GT and over surveyed under NSCV must comply with Marine order 25

This list is accurate as at December 2015. Please check the current version of the NSCV and maritime legislation, or contact the National Regulator, to confirm current requirements.

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Items required	Vessels affected
Liferafts and rescue boats	
Inflatable Coastal liferafts 100%	All
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
Lifebuoys Light and smoke signals are to be self-activating and each lifebuoy supports 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
Lifejackets 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
Distress signals	
EPIRB 406MHz	All
6 Parachute distress rockets	All
4 Red hand-held flares	All
2 Hand-held orange smoke signals	All
Line throwing appliances	
4 x rockets and line	≥45m
Onboard communications and alarm systems	
General emergency alarm system	≥25m
PA system if no direct communications to passengers in emergencies	All

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Items required	Vessels affected
Emergency electrical installation and equipment	
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 Clause 5.12, 5.13 and Table 1)	All
Temporary emergency power battery (See NSCV Part C Section 5B Clause 5.10.4)	≥25m carrying berthed passengers, except where the emergency generator starts and comes on load automatically
Emergency lighting (See NSCV Part C Section 5B Clause 5.14)m	All
2 Battery-operated torches	All
Navigation equipment Vessels 35m or more in length shall comply with MO 21	
Clock (may be included in other navigation equipment)	<35m
Pair of binoculars fitted with neck strap and carrying case	<35m
Echo sounder	<35m
Daylight signalling lamp	≥35m
One set of International Code flags	≥35m
One copy of the International Code of Signals	≥35m
Signalling 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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Items required	Vessels affected
Miscellaneous equipment	
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 NSCV Part E)	All
HF Radio/HF Radio with DSC/Satellite communication system/Satellite telephone	All
VHF Radio/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 (MO 30)	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 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: Fire Safety.

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.

Further Information

For a copy of the National Standard for Commercial Vessels, please visit www.amsa.gov.au

Alternatively, contact AMSA, by phone: 02 6279 5000 or email: national.system@amsa.gov.au