



# GUIDANCE NOTICE

## VESSEL EQUIPMENT LIST – CLASS 1E

This Guidance Notice provides details of the Class 1E 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
<b>xxm</b>	measured length in metres
<b>nm</b>	nautical miles
<b>100%</b>	for total complement of vessel (maximum number of passengers and crew permitted)
<b>AIS</b>	Automatic Identification System
<b>All</b>	refers to vessels of any length in that class
<b>ECS</b>	Electronic Chart System
<b>ECDIS</b>	Electronic Chart and Display Information System
<b>GNSS</b>	Global Navigation Satellite System
<b>GT</b>	Gross Tonnage
<b>LCS</b>	Limited Coast Station
<b>MO</b>	Marine Order
<b>PA System</b>	Public Address System

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
<b>Buoyant appliances</b> Each lifebuoy supports 2 persons.	
Dinghy / buoyant appliances / lifebuoys 40%*	All (except below)
Buoyant appliances for 100%*	Vessels with a passenger limit between 13 and 36 day passengers
Suitable equipment to sustain and recover persons overboard, e.g. heaving line with rescue quoit, ladder, rescue sling, scramble net	<25m
<b>Lifebuoys</b> Light is to be self-activating and each lifebuoy supports 2 persons	
6 minimum: 1 with light and 1 with buoyant line	≥60m, additional to buoyancy requirements
4 minimum: 1 with light and 1 with buoyant lines	≥45m <60m, additional to buoyancy requirements
2 minimum: 1 with light and 1 with buoyant line	≥10m <45m, additional to buoyancy requirements
1 minimum with light	<10m, additional to buoyancy requirements
<b>Lifejackets</b>	
Coastal lifejacket 100%	All
<b>Distress signals</b>	
EPIRB 406MHz (registered)	Vessels operating >2nm from coast
2 Red hand-held flares	All
1 Hand-held orange smoke signal	All
<b>Onboard communications and alarm systems</b>	
General emergency alarm system	≥25m
PA system if no direct communications to passengers in emergencies	All

\* Open reversible liferafts of equivalent aggregate capacity to replace buoyant appliances on vessels continuously engaged on voyages in operational areas with a monthly mean water temperature of 15°C or less.

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Items required	Vessels affected
<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 2hrs. (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 and Table 1)	≥25m
Battery-operated torch for 100% crew	All
<b>Navigation equipment</b> 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
Signalling light	All
International Code flags appropriate to vessel activities	<35m
Nautical publications	<35m
ECDIS / ECS / Paper charts and backup	≥12m <35m
GNSS	<35m where plotting equipment (ECDIS, ECS, etc.) is fitted
Radar	≥12m <35m
Radar reflector	<12m
Speed and distance indicator	<35m
Compass (card 75mm minimum diameter)	<10m
Compass (card 100mm minimum diameter)	≥10m <20m
Compass (card 125mm minimum diameter)	≥20m <35m
Communication system to emergency steering	<35m

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Items required	Vessels affected
<b>Miscellaneous equipment</b>	
Windlass, anchors and cables (See NSCV Part C Section 7D for anchoring requirements)	All
Hawsers and warps	All
Scale F First Aid Kit as per NSCV Part C Section 7A Annex H <b>Note:</b> GES 2015/01 may also be applicable to vessels operating in C, D or E waters	Vessels carrying berthed passengers
Scale G First Aid Kit as per NSCV Part C Section 7A Annex H <b>Note:</b> GES 2015/01 may also be applicable to vessels operating in C, D or E waters	Vessels carrying unberthed passengers
Logbook (See NSCV Part E)	All
VHF Radio/VHF Radio with DSC	All
Current edition of the “Marine VHF Radio Operators Handbook”	≥7.5m with radio
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
Bilge pumps (see Table 1)	All
Collar repair kit and air pump	All Inflatables/RIBs
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.

**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
< 5m	Bailing bucket acceptable for open boats provided the bilge is readily accessible			
≥ 5m < 7.5m	1	4.0		
≥ 7.5m < 10m	2	4.0		
≥ 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

## Further Information

For a copy of the National Standard for Commercial Vessels, please visit [www.amsa.gov.au](http://www.amsa.gov.au)

Alternatively, contact AMSA, by phone: 02 6279 5000 or email: [national.system@amsa.gov.au](mailto:national.system@amsa.gov.au)