





Vessel equipment guide – non-surveyed vessels with mechanical propulsion class 2 and 3 inshore operation

This equipment guide is general in nature and may not apply to your individual circumstances. For full details refer to the National Standard for Commercial Vessels Part G: Non-surveyed Vessels. Further factors may need to be considered including NSCV Part G, F2 and/or Exemption 40—Marine Safety (Class C Restricted operations). The equipment guide does not address 'acceptable flotation and decking standards' that may apply to the vessel at NSCV Part G, Chapter 2.




Buoyant appliance



Item	Quantity	Description	Requirement
	<12m = 1 >12m = 2	Buoyant appliance with 30 metres of 8 millimetre buoyant rope attached Note: A general equivalent solution is available GES 2017/09.	For vessel less than 12 metres (<12m): <ul style="list-style-type: none">• 1 buoyant appliance required with a self-igniting light. For vessel more than 12 metres (>12m): <ul style="list-style-type: none">• 2 buoyant appliances required. One must have a self-igniting light.

Lifejackets







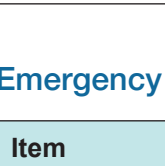

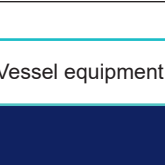

Item	Quantity	Description	Requirement
	1 for each person onboard	Lifejacket	Lifejackets on vessels must: <ul style="list-style-type: none">• be level 150 (minimum)• fit each person appropriately. Adults and children must wear the appropriate size lifejackets.

Distress signals

Item	Quantity	Description	Requirement
	2	Red hand-held distress flare	If operating in: <ul style="list-style-type: none">• remote enclosed sheltered waters, or• more than 2 nautical miles from land.
	1	Orange hand-held smoke signal	If operating in: <ul style="list-style-type: none">• remote enclosed sheltered waters, or• more than 2 nautical miles from land.
	3	Red star parachute flare	

Item	Quantity	Description	Requirement
	1	Emergency Position Indicating Radio Beacon (EPIRB)	If operating >2 nautical miles from land and registered with AMSA.
	1	V sheet marine	Must be: <ul style="list-style-type: none"> • fluorescent orange-red coloured sheet • dimensions not less than 1.8 metres x 1.2 metres • black letter 'V' superimposed on middle of sheet • letter 'V' must be no more than 150mm wide.




Onboard communications

Item	Quantity	Description	Requirement
        	You must have one or more of these	Service dependent communication equipment for contacting a shore base or other vessels	<p>VHF marine radio if within VHF operational area.</p> <p>If outside the operational area of VHF service:</p> <ul style="list-style-type: none"> • MF/HF Radio (approved by ACMA for maritime use). <p>If outside the operational area of VHF service:</p> <ul style="list-style-type: none"> • Satellite phone. • Satellite Emergency Notification Device (SEND). • Mobile phone.
	1	One or more of the onboard communication methods must be recorded as part of your safety management system	Safety management system.



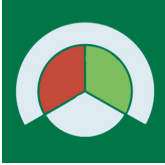
Emergency equipment

Item	Quantity	Description	Requirement
	1	First aid kit	Must contain medical supplies that are: <ul style="list-style-type: none"> • within their expiry date • accompanied by instructions • sufficient for the nature of the vessel's operations based on a risk assessment.



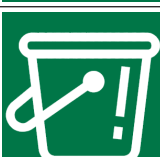


Emergency equipment

Item	Quantity	Description	Requirement
	1 located in each galley space	Fire blanket	1 located in each galley space (if no galley = not required).
	2 x dry powder of 4.5kg	Fire extinguisher (Two are appropriate for vessels with large fuel tanks, flammable gas or liquid storage, and the ability to carry passengers).	• 2 x dry powder of 4.5kg. OR
	The type and quantity of fire extinguishers specified in AS 1799.1*	Fire extinguisher (A dry powder extinguisher marked A:B:E).	Australian Standard (AS) 1799.1 is performance based setting different requirements depending on the risk profile and configuration of the vessel. It considers: <ul style="list-style-type: none"> • the size of fuel tanks, • whether LP Gas, flammable gases or flammable liquids are stored on-board, and • the type of accommodation spaces etc. AS 1799.1 also addresses when a fixed fire extinguishing system should be installed or, if it is not installed, how to ensure provisions are in place for a fire extinguisher to discharge into an enclosed engine space. <p>*Generally, 1 x 2kg dry powder with a minimum rating of 20B(E) is required for outboard engines. Alternatively for inboard engines, AS 1799.1 section 6 fire protection can be complied with.</p>

Navigational equipment

Item	Quantity	Description	Requirement
	1	Compass or Global Navigation Satellite System (GNSS)	Minimum 75mm diameter compass card showing the cardinal points. Note: GPS is a type of GNSS.
	1	Map or chart of operational area	
	See NSCV Part G: Non-surveyed vessels, schedule 1 for details	Navigation lights	If operating at night or in restricted visibility. See <i>NSCV Part G: Non-surveyed vessels, schedule 1</i> for detailed requirements. Generally the following requirements will satisfy: <ul style="list-style-type: none"> • <12m for a vessel – 360 degree white light with port and starboard sidelights. • >12m – 360 degree white light with port and starboard sidelights, masthead light and stern lights.

Miscellaneous equipment

Item	Quantity	Description	Requirement
	1	Anchor with chain and rope	Where required to ensure the safety of the vessel in the applicable area of operation.
	1	Gangway or gangplank	If necessary for safe access and egress on vessels more than 7.5 metres.
	1	Bailer	<ul style="list-style-type: none"> • A bailer is only required if the vessel is not self draining. • The bailing bucket must have a rope attached.
	See Table 1	Bilge pumps	See NSCV Part G, Chapter 3, 3.7 Bilge systems for full details.
	1	Waterproof buoyant torch	The torch must: <ul style="list-style-type: none"> • be waterproof • float • have sufficient light intensity to signal for help • be stored with spare batteries.

Life raft, dinghy and/or flotation



Item	Quantity	Description	Requirement
	1 of either of these, if required by NSCV Part G	Liferaft	Life rafts must be designed, constructed and maintained in accordance with requirements mentioned in NSCV Part C Subsection 7A.
OR 		Dinghy	Dinghies must be designed, constructed and maintained in accordance with requirements mentioned in NSCV Part C Subsection 7A.

Table 1: Bilge pumps

Measured Length of vessel	Manual pump or extra low voltage (ELV) pumps		Engine or electric powered pumps (low voltage and higher)	
	Number	Capacity in kilolitre/hour	Number	Capacity in kilolitre/hour
<5m	Bailing bucket acceptable for open boats provided the bilge is readily accessible.			
<7.5m	1	4.0		
≥7.5m to <13m	2	4.0		
≥13m	1	5.5	1	11.0
	2	5.5	1	5.5