





Vessel equipment guide – non-surveyed vessels with mechanical propulsion – Non-passenger, fishing and hire and drive vessels operating in partially smooth waters (2D, 3D and 4D)

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 or F2. 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): • 1 buoyant appliance required with a self-igniting light. For vessel more than 12 metres (>12m): • 2 buoyant appliances required. One must have a self-igniting light.



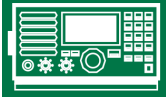







Lifejackets

Item	Quantity	Description	Requirement
	1 for each person onboard	Lifejacket	Lifejackets on vessels must: • be level 150 (minimum) if the vessel is Class 2 or 3 • be level 100 (minimum) if the vessel is Class 4 • 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 remote enclosed sheltered waters, or • more than 2 nautical miles from land.
	1	Orange hand-held smoke signal	If operating: • in remote enclosed sheltered waters, or • more than 2 nautical miles from land.
	3	Red star parachute flare	If operating: • in remote enclosed sheltered waters or • more than 2 nautical miles from land.
	1	Emergency Position Indicating Radio Beacon (EPIRB)	If operating: • more than 2 nautical miles from land and • registered with AMSA.





Onboard communications

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

Onboard navigation

Item	Quantity	Description	Requirement
	1	<p>Map or chart of operational area</p>	
	<p>See NSCV Part G: <i>Non-surveyed vessels, schedule 1</i> for details</p>	<p>Navigation lights</p>	<p>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:</p> <ul style="list-style-type: none"> • Less than 12 metres for a vessel—360 degree white light with port and starboard sidelights • More than 12 metres—360 degree white light with port and starboard sidelights, masthead light and stern lights.

Emergency equipment

Item	Quantity	Description	Requirement
 First aid	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.
	1 located in each galley space	Fire blanket	1 located in each galley space (If no galley: not required).
 OR	2 x dry powder of 4.5kg	Fire extinguisher	<ul style="list-style-type: none"> • 2 x dry powder of 4.5kg. <p>OR</p>
	Type and quantity of fire extinguishers specified in AS 1799.1*	Fire extinguisher (A dry powder extinguisher marked A:B:E).	<p>Australian Standard (AS) 1799.1 is performance based setting different requirements depending on the risk profile and configuration of the vessel. It considers:</p> <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. <p>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> <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>

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	<p>The torch must:</p> <ul style="list-style-type: none"> • be waterproof • float • have sufficient light intensity to signal for help • be stored with spare batteries.

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