

Hire Boats Code Table 1: Boat Safety Scheme: Advisory Items/Best Practice for Application to Hire Boats

Introduction. This table reviews the 'advisory' and 'best practice' items in the Boat Safety Scheme requirements 2005 (privately owned boats, ref BSS Essential Guide 2nd Edition) , and the 2002 Boat Safety Scheme requirements (currently applicable to hire vessels) and makes recommendations for continued application to hire vessels. Note that Boat Safety Scheme requirements Part 10 for hire boats, are reviewed under miscellaneous equipment, Table 2.

				Recommendations for continued application		
Ref ¹	Status	Topic	Item	New Build ?	Retrospective application to existing craft?	Recommendations for maintenance & inspection.
Fixed Fuel Systems and Engines.						
2.2.1 (2002)	Best Practice	Fuel filling lines.	Inspect hose connections regularly. Use double clamps on petrol filling hoses. Lines as short as possible, regularly supported.	Y	Y	Monitoring of bilge areas for signs of leakage.
2.2.3	Best Practice	Fuel filling lines.	Hoses marked BS EN ISO 7840, alternatively marked to SAE J 1547 or DIN 4798	Y	Y (when replaced)	Replace with marked hoses when showing signs of degradation or when carrying out nearby work.
2.7.1 (2002)	Best Practice	Petrol system electrical bonding.	Bonding cables to be 2.5 mm ² min.	Y	N	Ensure any replacement cable is to size.
2.10.2 (2002)	Best Practice	Flexible fuel feed/return hoses.	Restrict length of hose to absolute minimum.	Y	Y (At time of major inspections or refits)	
2.13.2 (2002)	Best Practice	Fuel shut-offs	Means of operating valve or cock from outside engine compartment.	Y	Y (Where practicable and at times of major inspection/overhaul)	
2.16.2	Best Practice	Steam engines.	Pressure systems subject to regular inspection and covered by insurance policy.	N (Inspection item only)	Y	No addition to normal operator inspection regime.

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Electrical Installations.						
3.1.2 (2002)	Best Practice	Battery location	For sustained charge rates >2kW (i.e.electrically propelled craft) install fan-assisted ventilation.	Y	Y	
3.2.2	Best Practice	Cables.	Use multi stranded.	Y	N	Best practice to use multi stranded when replacing cable or installing additional equipment.
3.2.3	Best Practice	Cables.	Visual check for damage during routine maintenance.	N (Inspection item only)	N/A	Best practice during maintenance and inspection.
3.3.1	Best Practice	Cable runs.	Keep away from potential sources of heat/impact damage. (ISO 10133/13297)	Y	Y (where practicable)	Best practice during maintenance and inspection.
3.4.3 (2002)	Advisory	Shore power connections.	Shore power and battery charging leads splash-proof to BS EN 60309.	Y	Y (where fitted)	Condition of shore power lead to be checked at end of each hire period.
3.5.2	Best Practice	230v supplies.	Fit earth leakage protection (RCD)	Y	Y(high priority item)	RCD functional check
3.6.1	Best Practice	Battery Isolators.	Fitted in an easy to reach location.	Y	N/A Accessing isolators to be covered during handover.	N/A
3.6.5 (2002)	Best Practice	Battery Isolators.	Label isolators e.g. 'starter' and 'services'.	Y	Y	Check present.
Electrically Propelled Vessels						
4.3.1	Best Practice	Battery charging equipment.	Fit manually operated isolating switch to mains supply.	Y	Y	
Fire Extinguishing and Escape						
6.1.3 (2002)	Best Practice	Fire extinguishers.	Annual service by competent person.	N (Inspection item only)	N/A (Inspection only item)	Annual inspection by hire operator staff (suitably trained)
6.2.2	Best Practice	Fire blankets.	Fix permanently.	Y	Y	

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6.3.1 (2002)	Advisory	Emergency Escape.	At least two means of escape recommended. Can include breaking out by hammer of a fixed window or port.	Y	Y	N/A
6.3.1	Best Practice	Emergency Escape.	Label secondary means of escape where not obvious (e.g. Break-out window using hammer)	Y (also handover item)	Y (also a handover item)	Check labelling still in place.
6.3.1 (2002)	Best Practice	Emergency Escape.	Soft furnishings, fillings etc to meet fire resistance, smoke release standards. (see also Table 2)	Y	N	N/A
LPG Installations						
7.1.2 (2002)	Best Practice	Self-contained gas appliances.	Closely supervise use, and safely dispose of used containers.	N/A	N/A (Handover item - strongly discouraged)	N/A
7.7.1 (2002)	Best Practice	HP LPG non-return valves.	Check regularly, where fitted.	N (Inspection item only)	N (inspection item)	Routine inspection item
7.7.2	Best Practice	Regulators.	Replace at least every ten years.	N (Maintenance item)	Y	Replace as part of routine maintenance.
7.8.1	Best Practice	LPG metal pipework fixings.	Recommended spacings at < 500mm apart.	Y	Y (where practicable)	To be met as opportunities arise during normal maintenance.
7.9.3	Best Practice	LPG hose at least 75mm from exhaust and flue.	Keep away from all surfaces where temp. may reach 50 deg C.	Y	Y (where practicable)	Examine as and when opportunity arises.
Cooking, Heating, Lighting Appliances.						
8.4.2	Best Practice	Heat damage to adjacent materials.	Soft furnishings/fabrics/foam material of suitable fire resistant/non-toxic material. Upholstery fabric test to BS EN 1021 Pts 1&2	Y	N	Routine inspection for signs of heat damage.
8.9.1 (2002)	Advisory	Fixed ventilation to standard.		Y	Y	Routine inspection.

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8.9.2 (2002)	Advisory	Warning notices, closeable ventilators on sea-going vessels.	To help ensure that ventilators are opened when appliances are in use.	Y	Y	Routine serviceability inspection.
8.10.1 (2002)	Advisory	Appliances flued where required.		Y	Y	Check flues complete and intact.
8.10.2 (2002)	Advisory	Flues complete and in good condition.		Y	Y	Check flues complete and intact.
8.10.3 (2002)	Advisory	Flues terminate direct to outside air.		Y	Y	Check.
8.10.4	Advisory	Flues operating effectively.		N (Inspection item only)	Y	Routine visual and annual examinations (Appendix 2)
Pollution Reduction						
9.1.2	Best Practice	Bilge pumping.	Arrangements for keeping bilge area oil-tight.	N (Maintenance item)		Part of regular inspection

Note 1. Numbers refer to BSS 2005. '(2002)' indicates requirement also found in BSS 2002.