BSS Examination Record Form - Non-private Boats (2002 ECP Parts 2 to	o Part 10)
This form should only be used with a precise knowledge of the check text in, or in a	conjunction with, the
Non-Private Boat (2002) Examination Checking Procedures manual.	Edition 0.3.1 – Sep 2023 (Interim)



*Max Number Persons is the operators' stated maximum number of people who can be aboard the boat at any one time – including workforce and/or customers.

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Section 1 – Boat details and Contact information	Boat system details (Must be recorded for the database)	Contact details (optional - personal records only)
Boat details: (Must be recorded for the database)	Diesel fuel and/or system	Company
Current boat name	Petrol fuel and/or system	Contact
Former name	Paraffin or other fuel oil and/or system	Phone
Reg. number or index	Electrical DC power	Email
Length (m)	Electrical AC power	
Max. Number Persons*	Solid fuel appliance and/or propulsion burner	Address
Hull material	Portable generator	

Than matchar		
Hull colour	Toilet and/or holding tank with overboard discharge	
Superstructure material	Portable LPG canister(s) and/or appliance	
Superstructure colour	Installed LPG system	
Make	Manometer (M); bubble (B); not-tested (NT):	 Boat location information
Year of manufacture	Not-Tested reason:	(optional - personal records only)
CIN/HIN/WIN		Location
Beam (m)		Mooring ref
Engine fuel	Previous examination information	Access details
Engine type	(optional - personal records only)	
Engine make & model	Previous BSSC Ref	
Number of engines	Date of expiry	
Engine Rating(s)		

*Max Number Persons is the operators' stated maximum number of people who can be aboard the boat at any one time – including workforce and/or customers.

Section 2 – Aide Memoir checklist for Non-Private Boats - Examiners must complete a checklist for all examinations and retain a copy on file for 6 years minimum.

CO

Examination One (E1) Date: Terminated early: Y / N

Examination Two (E2) Date: Terminated early: Y / N

= BSS Warning Notice must be issued if fault is recorded

= BSS Warning Notice may need to be issued

(w?)

= BSS carbon monoxide leaflet must be issued if fault is recorded

Mark E1 / E2 as appropriate: P= pass / F= fault / NV= not verified / NR= not relevant

Part 2	Permanently installed fuel systems and fixed engines	F1	F2	(2.3.10	Are other deck connections correctly & clearly marked on/adjacent?
21	Fuel filling Installations			2	2.4	Fuel tank vent pipes
C2 1 1	Taken to deck level?			(2.4.1	Does fuel tank vent pipe continuously fall?
(212	Prevents fuel entering vessel?			(2.4.2	Fuel tank vent pipe fitted?
22.1.2				(2.4.4	Fuel tank vent pipe minimum internal diameter?
2.2	Fuel filling nine minimum internal diameter?			(2.4.6	Is fuel tank vent pipe at top of tank?
C2.2.1	Fuel filling pipe filling in a financial diameter f			(2.4.7	Are the fuel tank vent pipe connections free from signs of fuel leaks?
C2.2.2	Fuel filling pipe is of non-kinking material and condition?			(2.4.8	Is the fuel tank vent pipe not kinked and non-kinking?
C2.2.3	Fuel filling pipe suitable for use with petrol?			(2.4.9	Is the petrol vent pipe made of suitable material and not damaged?
C2.2.4	Fuel filling pipe of material suitable for use with fuel oil?			(2.4.10	Is the fuel oil vent pipe made of suitable material and not damaged?
C2.2.5	Is fuel filling pipe at top of tank & leak-proof?			2	2.5	Fuel tank vent outlet
C2.2.6	Is the pipe connected with leak-proof joints to the screwcap or plate?			0	251	Fuel tank vent outlet?
C2.2.7	Is fuel filling pipe leak-proof at filler?				~ 2 5 2	Is fuel tank vent outlet away from source of ignition?
C2.2.8	Is fuel filling pipe filler outside coaming?			È	2.5.2	Use the fuel tenk vent outlet an effective fleme errector?
C2.2.9	Is fuel filling pipe adequately supported?				.2.5.3	
C2.2.10	Does the fuel filling pipe continuously fall?			4	2.6	Fuel tank
C2.2.11	Are fuel filling pipe connections readily accessible?			(2.6.1	Fuel tank secured?
2.3	Deck & Fuel Filling Connections			(2.6.2	Fuel tank as low as practicable?
C2.3.1	Deck connections minimise risk of cross contamination?			(2.6.3	Fuel tank made of suitable materials?
(232	Deck connections clearly marked on/adjacent: Petrol?			(2.6.4	Fuel tank appears to be fire resistant?
(233	Deck connections clearly marked on/adjacent: Petroil?			0	2.6.5	Is fuel tank pressure test marked?
C2 2 4	Deck connections clearly marked on/adjacent: Paraffin?			(2.6.7	Has the fuel tank efficient joints/seams?
C2.3.4	Deck connections clearly marked on adjacent: Paranin:			2	2.7	Petrol tank / Paraffin tank
C2.3.3	Deck connections clearly marked on adjacent. Dieser			(2.7.1	Has petrol or paraffin tank a baffle or 100mm min gap to heat source?
C2.3.6	Deck connections clearly marked on/adjacent: LPG butane/propane?			ſ	Notes:	
C2.3.7	Deck connections clearly marked on/adjacent: Water?					
C2.3.8	Deck connections clearly marked on/adjacent: Pump Out?					
C2.3.9	Deck connections clearly marked on/adjacent: Rinse Out?			<u> </u>		

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Section 2 – Aide Memoir	checklist for Non-Private Boa	ts - Examiners must complete a checklist for all examinations and retain a copy on file for 6 years minimum.
Examination One (E1) Date: Terminated early: Y / N	Examination Two (E2) Date: Terminated early: Y / N	= BSS Warning Notice must be issued if fault is recorded = BSS Warning Notice may need to be issued = BSS carbon monoxide leaflet must be issued if fault is recorded

Mark E1 / E2 as appropriate: P= pass / F= fault / NV= not verified / NR= not relevant

Part 2	Permanently installed fuel systems and fixed engines	E1	E2
2.1	Fuel filling Installations		
C2.1.1	Taken to deck level?		
C2.1.2	Prevents fuel entering vessel?		
2.2	Fuel filling pipes		
C2.2.1	Fuel filling pipe minimum internal diameter?		
C2.2.2	Fuel filling pipe is of non-kinking material and condition?		
C2.2.3	Fuel filling pipe suitable for use with petrol?		
C2.2.4	Fuel filling pipe of material suitable for use with fuel oil?		
C2.2.5	Is fuel filling pipe at top of tank & leak-proof?		
C2.2.6	Is the pipe connected with leak-proof joints to the screwcap or plate?		
C2.2.7	Is fuel filling pipe leak-proof at filler?		
C2.2.8	Is fuel filling pipe filler outside coaming?		
C2.2.9	Is fuel filling pipe adequately supported?		
C2.2.10	Does the fuel filling pipe continuously fall?		
C2.2.11	Are fuel filling pipe connections readily accessible?		
2.3	Deck & Fuel Filling Connections		
C2.3.1	Deck connections minimise risk of cross contamination?		
C2.3.2	Deck connections clearly marked on/adjacent: Petrol?		
C2.3.3	Deck connections clearly marked on/adjacent: Petroil?		
C2.3.4	Deck connections clearly marked on/adjacent: Paraffin?		
C2.3.5	Deck connections clearly marked on/adjacent: Diesel		
C2.3.6	Deck connections clearly marked on/adjacent: LPG butane/propane?		
C2.3.7	Deck connections clearly marked on/adjacent: Water?		
C2.3.8	Deck connections clearly marked on/adjacent: Pump Out?		
C2.3.9	Deck connections clearly marked on/adjacent: Rinse Out?		

C2.3.10	Are other deck connections correctly & clearly marked on/adjacent?	
2.4	Fuel tank vent pipes	
C2.4.1	Does fuel tank vent pipe continuously fall?	
C2.4.2	Fuel tank vent pipe fitted?	
C2.4.4	Fuel tank vent pipe minimum internal diameter?	
C2.4.6	Is fuel tank vent pipe at top of tank?	
C2.4.7	Are the fuel tank vent pipe connections free from signs of fuel leaks?	
C2.4.8	Is the fuel tank vent pipe not kinked and non-kinking?	
C2.4.9	Is the petrol vent pipe made of suitable material and not damaged?	
C2.4.10	Is the fuel oil vent pipe made of suitable material and not damaged?	
2.5	Fuel tank vent outlet	
C2.5.1	Fuel tank vent outlet?	
C2.5.2	Is fuel tank vent outlet away from source of ignition?	
C2.5.3	Has the fuel tank vent outlet an effective flame arrester?	
2.6	Fuel tank	
C2.6.1	Fuel tank secured?	
C2.6.2	Fuel tank as low as practicable?	
C2.6.3	Fuel tank made of suitable materials?	
C2.6.4	Fuel tank appears to be fire resistant?	
C2.6.5	Is fuel tank pressure test marked?	
C2.6.7	Has the fuel tank efficient joints/seams?	
2.7	Petrol tank / Paraffin tank	
C2.7.1	Has petrol or paraffin tank a baffle or 100mm min gap to heat source?	
Notes:	·	

2.8	Fuel level indicators and gauges	
C2.8.1	Is any sight gauge not made of glass or plastic?	
C2.8.2	Will fuel gauge prevent leakage if damaged?	
C2.8.3	Is fitted dipstick calibrated?	
C2.8.4	Is fitted dipstick liquid-tight?	
C2.8.5	Is dipstick clear of tank base?	
2.9	Fuel tank	
C2.9.1	Fuel tank accessible for inspection?	
C2.9.2	Fuel tank connections accessible for inspection?	
2.10	Fuel tank bonding	
C2.10.1	Petrol tank bonded to filler deck connection?	
C2.10.2	Petrol tank bonded to earth point connected to surrounding water?	
2.11	Fuel tank drain	
C2.11.1	Fuel tank drain tap plugged?	
2.12	Fuel lines	
C2.12.1	Supply fuel lines from tank top?	
C2.12.2	Gravity fed supply fuel lines cock at tank?	
C2.12.3	Fuel lines return to tank top?	
2.13	Fuel pipes and balance pipes (including spill rails)	
C2.13.1	Fuel pipes good condition?	
C2.13.2	Fuel pipes fixed clear of exhaust?	
C2.13.3	Fuel pipes fixed clear of heating appliance?	
C2.13.4	Fuel pipes adequately secured?	
C2.13.5	Balance pipe, diesel tanks only?	
C2.13.6	Balance pipe suitable material?	
C2.13.7	Balance pipe valves fitted?	
C2.13.9	Balance pipe valves leak-free?	
2.14	Flexible hose	
C2.14.2	Fuel hose suitable type?	
C2.14.3	Fuel hose suitable length?	
C2.14.5	Fuel hose made to ISO 7840 or equivalent?	

2.15	Fuel pipe joints	
C2.15.1	Fuel pipe joints efficient and leak-free?	
2.16	Fuel filters	
C2.16.1	Fuel filters in good condition and suitable for marine use?	
C2.16.2	Fuel filters fire resistant?	
2.17	Fuel cock	
C2.17.1	Fuel cock fitted?	
C2.17.2	Fuel cock fitted near tank?	
C2.17.3	Fuel cock readily accessible?	
C2.17.4	Fuel cock location clearly marked?	
C2.17.5	Fuel cock gravity feed petrol cock near helm?	
2.18	Fuel pipes	
C2.18.1	Fuel pipes above bilge water level?	
2.19	Petrol engines only – carburettor drip tray	
C2.19.1	Petrol carburettor Effective drip tray fitted?	
C2.19.2	Petrol carburettor drip tray spirit tight?	
C2.19.3	Petrol carburettor drip tray covered with gauze?	
C2.19.4	Petrol carburettor drip tray correct gauze mesh?	
C2.19.5	Petrol carburettor drip tray mesh soldered to tray?	
C2.19.6	Petrol carburettor drip tray capable of being emptied?	
C2.19.7	Petrol carburettor air intake has flame trap/air filter?	
2.20	Engine mountings	
C2.20.1	Engine securely installed?	
2.21	Reversing and stopping	
C2.21.1	Means of reversing?	
C2.21.3	Stop control near steering position?	
Notes:		

2.8	Fuel level indicators and gauges	
C2.8.1	Is any sight gauge not made of glass or plastic?	
C2.8.2	Will fuel gauge prevent leakage if damaged?	
C2.8.3	Is fitted dipstick calibrated?	
C2.8.4	Is fitted dipstick liquid-tight?	
C2.8.5	Is dipstick clear of tank base?	
2.9	Fuel tank	
C2.9.1	Fuel tank accessible for inspection?	
C2.9.2	Fuel tank connections accessible for inspection?	
2.10	Fuel tank bonding	
C2.10.1	Petrol tank bonded to filler deck connection?	
C2.10.2	Petrol tank bonded to earth point connected to surrounding water?	
2.11	Fuel tank drain	
C2.11.1	Fuel tank drain tap plugged?	
2.12	Fuel lines	
C2.12.1	Supply fuel lines from tank top?	
C2.12.2	Gravity fed supply fuel lines cock at tank?	
C2.12.3	Fuel lines return to tank top?	
2.13	Fuel pipes and balance pipes (including spill rails)	
C2.13.1	Fuel pipes good condition?	
C2.13.2	Fuel pipes fixed clear of exhaust?	
C2.13.3	Fuel pipes fixed clear of heating appliance?	
C2.13.4	Fuel pipes adequately secured?	
C2.13.5	Balance pipe, diesel tanks only?	
C2.13.6	Balance pipe suitable material?	
C2.13.7	Balance pipe valves fitted?	
C2.13.9	Balance pipe valves leak-free?	
2.14	Flexible hose	
C2.14.2	Fuel hose suitable type?	
C2.14.3	Fuel hose suitable length?	
C2.14.5	Fuel hose made to ISO 7840 or equivalent?	

2.15	Fuel pipe joints	
C2.15.1	Fuel pipe joints efficient and leak-free?	
2.16	Fuel filters	
C2.16.1	Fuel filters in good condition and suitable for marine use?	
C2.16.2	Fuel filters fire resistant?	
2.17	Fuel cock	
C2.17.1	Fuel cock fitted?	
C2.17.2	Fuel cock fitted near tank?	
C2.17.3	Fuel cock readily accessible?	
C2.17.4	Fuel cock location clearly marked?	
C2.17.5	Fuel cock gravity feed petrol cock near helm?	
2.18	Fuel pipes	
C2.18.1	Fuel pipes above bilge water level?	
2.19	Petrol engines only – carburettor drip tray	
C2.19.1	Petrol carburettor Effective drip tray fitted?	
C2.19.2	Petrol carburettor drip tray spirit tight?	
C2.19.3	Petrol carburettor drip tray covered with gauze?	
C2.19.4	Petrol carburettor drip tray correct gauze mesh?	
C2.19.5	Petrol carburettor drip tray mesh soldered to tray?	
C2.19.6	Petrol carburettor drip tray capable of being emptied?	
C2.19.7	Petrol carburettor air intake has flame trap/air filter?	
2.20	Engine mountings	
C2.20.1	Engine securely installed?	
2.21	Reversing and stopping	
C2.21.1	Means of reversing?	
C2.21.3	Stop control near steering position?	
Notes:		

2.22	Engine tray			C3.2.1	Cables - adequate size?
C2.22.1	Engine tray suitable material?			C3.2.2	Cable connections good condition?
C2.22.2	Engine tray sides as high as practicable?			C3.2.3	Cable insulation good condition?
C2.22.4	Engine tray under engine & gearbox?			C3.2.4	Cables insulated and/or sheathed a
C2.22.5	Engine tray oil tight/good condition?			C3.2.5	Cables - adequately secured or sup
C2.22.6	Fixed bilge pump not in engine tray?			3.3	Circuits
2.23	Engine cooling and exhaust lagging/shielding			C3.3.1	Electrical circuits above bilge water
C2.23.1	Engine cylinders effectively cooled?			C3.3.2	Electrical circuit fuses/circuit break
C2.23.2	Wet exhaust effectively cooled?			C3.3.3	Electrical circuit fuses/circuit break
C2.23.3	Dry exhaust lagged or shielded?			3.4	Cable protection
2.24	Silencer			C3.4.1	Cables high enough?
C2.24.1	Silencer effective, exhaust in good condition and no leaks of gases?			C3.4.2	Cables away from near heat source
2.25	Steam powered engines			C3.4.3	Cables away from fuel pipes?
C2.25.1	Steam pressure system certificate current?			C3.4.4	Cables away from gas pipes min 30
C2.25.2	Boiler insurance certificate current?			C3.4.5	PVC cables not in contact with poly
C2.25.3	LPG boiler supply meets part 7?			3.5	Master switch(es)
C2.25.4	Oil-fired boiler supply meets part 2?			C3.5.1	Master switch(es) installed on elect
2.26	LPG powered inboard engines			C3.5.2	Master switch(es) disconnects all e
C2.26.1	LPG powered propulsion engines complies with LPGA code?			C3.5.3	Electrical system(s) master switch(e
C2.26.2	LPG powered propulsion engines no dual fuel system?			C3.5.4	Electrical system(s) master switch(e
Part 3	Electrical systems	E1	E2	C3.5.5	Electrical system(s) master switch(e
3.1	Battery			C3.5.6	Specified electrical equipment by-p
C3.1.1	Battery secured			C3.5.7	Master switch location labelled?
C3.1.2	Battery compartment adequately ventilated?			3.6	Main starter and plug leads
C3.1.3	Battery terminals insulated or covered?			C3.6.1	Main starter power leads soldered
C3.1.4	Battery fitted away from petrol / LPG tank?			C3.6.2	Starter leads soldered or crimped?
C3.1.5	Battery fitted away from petrol / LPG cylinder?			C3.6.3	Plug leads supported?
C3.1.6	Battery fitted away from petrol / LPG cock?			Notes:	
C3.1.7	Battery fitted away from petrol / LPG pipe?				
C3.1.8	Battery fitted away from petrol / LPG filter?				
3.2	Cables				

23.2.1	Cables - adequate size?	
3.2.2	Cable connections good condition?	
3.2.3	Cable insulation good condition?	
3.2.4	Cables insulated and/or sheathed and undamaged by fuel or water?	
3.2.5	Cables - adequately secured or supported?	
3.3	Circuits	
3.3.1	Electrical circuits above bilge water level?	
23.3.2	Electrical circuit fuses/circuit breakers correct rating?	
23.3.3	Electrical circuit fuses/circuit breakers of suitable type?	
3.4	Cable protection	
23.4.1	Cables high enough?	
23.4.2	Cables away from near heat source?	
3.4.3	Cables away from fuel pipes?	
3.4.4	Cables away from gas pipes min 30mm?	
23.4.5	PVC cables not in contact with polystyrene?	
8.5	Master switch(es)	
3.5 C3.5.1	Master switch(es) Master switch(es) installed on electrical system(s)?	
3.5 C3.5.1 C3.5.2	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?	
3.5 C3.5.1 C3.5.2 C3.5.3	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Master switch location labelled?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Master switch location labelled?Main starter and plug leads	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6 C3.6.1	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Master switch location labelled?Main starter and plug leadsMain starter power leads soldered or crimped?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6 C3.6.1 C3.6.2	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Main starter and plug leadsMain starter power leads soldered or crimped?Starter leads soldered or crimped?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6 C3.6.2 C3.6.3	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Master switch location labelled?Main starter and plug leadsMain starter power leads soldered or crimped?Starter leads soldered or crimped?Plug leads supported?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6 C3.6.3 Votes:	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Main starter and plug leadsMain starter power leads soldered or crimped?Starter leads soldered or crimped?Plug leads supported?	
3.5 C3.5.1 C3.5.2 C3.5.3 C3.5.4 C3.5.5 C3.5.6 C3.5.7 3.6 C3.6.1 C3.6.3 Notes:	Master switch(es)Master switch(es) installed on electrical system(s)?Master switch(es) disconnects all electrical systems?Electrical system(s) master switch(es) readily accessible?Electrical system(s) master switch(es) fitted near battery?Electrical system(s) master switch(es) suitable for max. current?Specified electrical equipment by-passing master switch(es) fused?Master switch location labelled?Main starter and plug leadsMain starter power leads soldered or crimped?Starter leads soldered or crimped?Plug leads supported?	

2.22	Engine tray		
C2.22.1	Engine tray suitable material?		
C2.22.2	Engine tray sides as high as practicable?		
C2.22.4	Engine tray under engine & gearbox?		
C2.22.5	Engine tray oil tight/good condition?		
C2.22.6	Fixed bilge pump not in engine tray?		
2.23	Engine cooling and exhaust lagging/shielding		
C2.23.1	Engine cylinders effectively cooled?		
C2.23.2	Wet exhaust effectively cooled?		
C2.23.3	Dry exhaust lagged or shielded?		
2.24	Silencer		
C2.24.1	Silencer effective, exhaust in good condition and no leaks of gases?		
2.25	Steam powered engines		
C2.25.1	Steam pressure system certificate current?		
C2.25.2	Boiler insurance certificate current?		
C2.25.3	LPG boiler supply meets part 7?		
C2.25.4	Oil-fired boiler supply meets part 2?		
2.26	LPG powered inboard engines		
C2.26.1	LPG powered propulsion engines complies with LPGA code?		
C2.26.2	LPG powered propulsion engines no dual fuel system?		
Part 3	Electrical systems	E1	E2
3.1	Battery		
C3.1.1	Battery secured		
C3.1.2	Battery compartment adequately ventilated?		
C3.1.3	Battery terminals insulated or covered?		
C3.1.4	Battery fitted away from petrol / LPG tank?		
C3.1.5	Battery fitted away from petrol / LPG cylinder?		
C3.1.6	Battery fitted away from petrol / LPG cock?		
C3.1.7	Battery fitted away from petrol / LPG pipe?		
C3.1.8	Battery fitted away from petrol / LPG filter?		
3.2	Cables		

C3.2.1	Cables - adequate size?	
C3.2.2	Cable connections good condition?	
C3.2.3	Cable insulation good condition?	
C3.2.4	Cables insulated and/or sheathed and undamaged by fuel or water?	
C3.2.5	Cables - adequately secured or supported?	
3.3	Circuits	
C3.3.1	Electrical circuits above bilge water level?	
C3.3.2	Electrical circuit fuses/circuit breakers correct rating?	
C3.3.3	Electrical circuit fuses/circuit breakers of suitable type?	
3.4	Cable protection	
C3.4.1	Cables high enough?	
C3.4.2	Cables away from near heat source?	
C3.4.3	Cables away from fuel pipes?	
C3.4.4	Cables away from gas pipes min 30mm?	
C3.4.5	PVC cables not in contact with polystyrene?	
3.5	Master switch(es)	
C3.5.1	Master switch(es) installed on electrical system(s)?	
C3.5.2	Master switch(es) disconnects all electrical systems?	
C3.5.3	Electrical system(s) master switch(es) readily accessible?	
C3.5.4	Electrical system(s) master switch(es) fitted near battery?	
C3.5.5	Electrical system(s) master switch(es) suitable for max. current?	
C3.5.6	Specified electrical equipment by-passing master switch(es) fused?	
C3.5.7	Master switch location labelled?	
3.6	Main starter and plug leads	
C3.6.1	Main starter power leads soldered or crimped?	
C3.6.2	Starter leads soldered or crimped?	
C3.6.3	Plug leads supported?	
Notes:		

3.7	Electrical devices – ignition protection			C4.7.3	Electric propulsion charge
C3.7.1	Electrical devices ignition protection in petrol compartment?			4.8	Battery ventilation fan
C3.7.2	Electrical devices ignition protection in gas compartment?			C4.8.1	Electric propulsion batte
3.8	Electrical equipment suppression			4.9	Motor and controller co
C3.8.1	All electrical circuits are 2 wire insulated?			C4.9.1	Electric propulsion moto
C3.8.2	Low resistance return cable to engine?			C4.9.2	Electric propulsion cont
Part 4	Electrical propulsion systems	E1	E2	Part 5	Outboard & portable co
4.1	Installation			5.1	Deck connections
C4.1.1	Electric propulsion system complies with Part 3?			C5.1.1	Have no cross-contamir
C4.1.2	Electric propulsion system complies with British Standards?			C5.1.2	Are clearly marked: PET
C4.1.3	Electric propulsion system complies with IEE regulations?			C5.1.3	Are clearly marked: PET
4.2	Batteries			C5.1.4	Are clearly marked: PAR
C4.2.1	Electric propulsion batteries stowed to IEE regulations?			C5.1.5	Are clearly marked: DIES
C4.2.2	Electric propulsion batteries - adequate ventilation?			C5.1.6	Are clearly marked: LPG
4.3	Propulsion motor installation			C5.1.7	Are clearly marked: WA
C4.3.1	Electric propulsion motor securely installed?			C5.1.8	Are clearly marked: PUN
4.4	Propulsion motor reverse control			C5.1.9	Are clearly marked: RIN
C4.4.1	Electric propulsion motor - effective means of reversing?			C5.1.10	Have markings on deck f
C4.4.2	Electric propulsion - can reverse from steering position?			5.2	Outboards with fixed fu
4.5	Electric propulsion Master switch			C5.2.1	Outboards fixed fuel sys
C4.5.1	Electric propulsion master switch fitted?			C5.2.2	Fixed systems suitably p
C4.5.2	Electric propulsion master switch - disconnects propulsion motor?			C5.2.3	Pipework suitably prote
C4.5.3	Electric propulsion master switch - operable from steering position?			C5.2.4	Fuel cocks suitably prote
4.6	Electric propulsion Charging leads			5.3	Outboard portable / clo
C4.6.1	Electric propulsion charging leads - 3 core flexible cable?			C5.3.1	Portable tank or hose in
C4.6.2	Charging leads - current carrying capacity adequate?			C5.3.2	Portable fuel system rea
C4.6.3	Electric propulsion charging leads - of suitable construction or grade?			C5.3.3	Portable fuel tank or ho
C4.6.4	Electric propulsion charging leads connector splash proof?			C5.3.4	Portable fuel system ma
4.7	Charging panel			C5.3.5	Disconnected portable t
C4.7.1	Electric propulsion charging panel - adequately ventilated?			Notes:	•
C4.7.2	Electric propulsion charging panel - positive switch fitted?				

C4.7.3	Electric propulsion charging panel - warning light fitted?		
4.8	Battery ventilation fan (over 2 kw)		
C4.8.1	Electric propulsion battery mechanical ventilation fitted?		
4.9	Motor and controller compartments		
C4.9.1	Electric propulsion motor compartment ventilation adequate?		
C4.9.2	Electric propulsion controller compartment ventilation adequate?		
Part 5	Outboard & portable combustion engines and portable fuel systems	E1	E2
5.1	Deck connections		
C5.1.1	Have no cross-contamination risk?		
C5.1.2	Are clearly marked: PETROL?		
C5.1.3	Are clearly marked: PETROIL?		
C5.1.4	Are clearly marked: PARAFFIN?		
C5.1.5	Are clearly marked: DIESEL?		
C5.1.6	Are clearly marked: LPG BUTANE/PROPANE as appropriate?		
C5.1.7	Are clearly marked: WATER?		
C5.1.8	Are clearly marked: PUMP OUT?		
C5.1.9	Are clearly marked: RINSE OUT?		
C5.1.10	Have markings on deck fitting or immediately beside deck connections?		
5.2	Outboards with fixed fuel systems		
C5.2.1	Outboards fixed fuel system meets parts 2.1 to 2.19?		
C5.2.2	Fixed systems suitably protected against external impact?		
C5.2.3	Pipework suitably protected against external impact?		
C5.2.4	Fuel cocks suitably protected against external impact?		
5.3	Outboard portable / close coupled tank		
C5.3.1	Portable tank or hose in good condition?		
C5.3.2	Portable fuel system readily shut-off?		
C5.3.3	Portable fuel tank or hose unmodified?		
C5.3.4	Portable fuel system marked with fuel type?		
C5.3.5	Disconnected portable tank stored as part 7?		
Notes:			

3.7	Electrical devices – ignition protection		
C3.7.1	Electrical devices ignition protection in petrol compartment?		
C3.7.2	Electrical devices ignition protection in gas compartment?		
3.8	Electrical equipment suppression		
C3.8.1	All electrical circuits are 2 wire insulated?		
C3.8.2	Low resistance return cable to engine?		
Part 4	Electrical propulsion systems	E1	E2
4.1	Installation		
C4.1.1	Electric propulsion system complies with Part 3?		
C4.1.2	Electric propulsion system complies with British Standards?		
C4.1.3	Electric propulsion system complies with IEE regulations?		
4.2	Batteries		
C4.2.1	Electric propulsion batteries stowed to IEE regulations?		
C4.2.2	Electric propulsion batteries - adequate ventilation?		
4.3	Propulsion motor installation		
C4.3.1	Electric propulsion motor securely installed?		
4.4	Propulsion motor reverse control		
C4.4.1	Electric propulsion motor - effective means of reversing?		
C4.4.2	Electric propulsion - can reverse from steering position?		
4.5	Electric propulsion Master switch		
C4.5.1	Electric propulsion master switch fitted?		
C4.5.2	Electric propulsion master switch - disconnects propulsion motor?		
C4.5.3	Electric propulsion master switch - operable from steering position?		
4.6	Electric propulsion Charging leads		
C4.6.1	Electric propulsion charging leads - 3 core flexible cable?		
C4.6.2	Charging leads - current carrying capacity adequate?		
C4.6.3	Electric propulsion charging leads - of suitable construction or grade?		
C4.6.4	Electric propulsion charging leads connector splash proof?		
4.7	Charging panel		
C4.7.1	Electric propulsion charging panel - adequately ventilated?		
C4.7.2	Electric propulsion charging panel - positive switch fitted?		

C4.7.3	Electric propulsion charging panel - warning light fitted?		
4.8	Battery ventilation fan (over 2 kw)		
C4.8.1	Electric propulsion battery mechanical ventilation fitted?		
4.9	Motor and controller compartments		
C4.9.1	Electric propulsion motor compartment ventilation adequate?		
C4.9.2	Electric propulsion controller compartment ventilation adequate?		
Part 5	Outboard & portable combustion engines and portable fuel systems	E1	E2
5.1	Deck connections		
C5.1.1	Have no cross-contamination risk?		
C5.1.2	Are clearly marked: PETROL?		
C5.1.3	Are clearly marked: PETROIL?		
C5.1.4	Are clearly marked: PARAFFIN?		
C5.1.5	Are clearly marked: DIESEL?		
C5.1.6	Are clearly marked: LPG BUTANE/PROPANE as appropriate?		
C5.1.7	Are clearly marked: WATER?		
C5.1.8	Are clearly marked: PUMP OUT?		
C5.1.9	Are clearly marked: RINSE OUT?		
C5.1.10	Have markings on deck fitting or immediately beside deck connections?		
5.2	Outboards with fixed fuel systems		
C5.2.1	Outboards fixed fuel system meets parts 2.1 to 2.19?		
C5.2.2	Fixed systems suitably protected against external impact?		
C5.2.3	Pipework suitably protected against external impact?		
C5.2.4	Fuel cocks suitably protected against external impact?		
5.3	Outboard portable / close coupled tank		
C5.3.1	Portable tank or hose in good condition?		
C5.3.2	Portable fuel system readily shut-off?		
C5.3.3	Portable fuel tank or hose unmodified?		
C5.3.4	Portable fuel system marked with fuel type?		
C5.3.5	Disconnected portable tank stored as part 7?		
Notes:			

5.4	Spare petrol			6.4	Carbon Monoxi
C5.4.1	Spare petrol - carried in approved containers?			C6.4.1	Are the correct
C5.4.2	Spare petrol - stored in accordance with part 7?			C6.4.2	Is/are there CO
5.5	LPG engine			C6.4.3	Are carbon mor
C5.5.1	Portable LPG engine - complies with LPGA code?			C6.4.4	Are carbon mor
C5.5.2	Portable LPG engine - no dual fuel system?			6.6	Soft furnishings
5.6	Outboard engine			C6.6.1	Soft furnishings
C5.6.1	Outboard engine securely fixed?			6.7	Heat damage
5.8	Portable engines and generators			C6.7.1	Exposed GRP su
C5.8.1	Portable LPG/petrol engines/generators with integral tanks stowed in			Part 7	Liquified Petrol
	accordance with standards 7.2 and 7.3 of these standards?			7.2	Storage of cylin
C5.8.2	Portable diesel generators with integral tanks meeting C7.2 & C7.3?			C7.2.2	Deck stored cyli
C5.8.3	Are any portable diesel generators not in use stored securely?			C7.2.3	Deck stored cyli
C5.8.4	Are any portable diesel engines not in use stored securely?			C7.2.4	LPG Cylinders n
Part 6	Fire extinguishing and escape	E1	E2	C7.2.5	Gas locker LPG
6.1	Portable and fixed extinguishers			C7.2.6	Gas locker oper
C6.1.1	Portable extinguishers approval-marked?			C7.2.7	Gas locker has l
C6.1.2	Portable extinguishers readily accessible?			C7.2.8	Gas locker vent
C6.1.3	Portable extinguishers near fire risk points?			C7.2.10	Gas locker drair
C6.1.4	Portable extinguishers in good condition?			7.3	Installation of c
C6.1.5	Each portable extinguisher meets minimum fire rating?			C7.3.1	Gas cylinders, st
C6.1.6	Portable extinguishers together meet total minimum fire rating?			C7.3.2	Gas cylinders, se
C6.1.7	Minimum number portable extinguishers fitted?			C7.3.3	Gas cylinders, lo
C6.1.8	Fixed extinguisher release readily accessible & outside risk area?			C7.3.4	Gas cylinders, lo
6.2	Fire Blanket			C7.3.5	Gas cylinders, lo
C6.2.1	Fire blanket fitted if required?			7.4	Construction of
C6.2.2	Fire blanket to BS 6575 or BS EN 1869?			C7.4.1	Gas cylinder loc
C6.2.3	Fire blanket ready for immediate use?			C7.4.2	Gas cylinder loc
6.3	Emergency escape			Notes	1
C6.3.1	Two means of escape exist?				
C6.3.2	Escape route opening minimum size?				

6.4	Carbon Monoxide Alarms on boats with accommodation spaces		
C6.4.1	Are the correct number of carbon monoxide alarms provided?		
C6.4.2	Is/are there CO alarm(s) in the same space(s) as any solid fuel stove(s)?		
C6.4.3	Are carbon monoxide alarms in open view and of a suitable type?		
C6.4.4	Are carbon monoxide alarms in good condition?		
6.6	Soft furnishings		
C6.6.1	Soft furnishings free of heat damage?		
6.7	Heat damage		
C6.7.1	Exposed GRP surfaces free of heat damage?		
Part 7	Liquified Petroleum Gas (LPG) systems	E1	E2
7.2	Storage of cylinders on deck, in lockers, in housings & on cabin tops		
C7.2.2	Deck stored cylinder(s) more than 1m from openings into boat?		
C7.2.3	Deck stored cylinder(s) more than 1m from ignition source?		
C7.2.4	LPG Cylinders not on deck in cylinder locker (or housing against 7.7)?		
C7.2.5	Gas locker LPG tight to prescribed height?		
C7.2.6	Gas locker openable only from top?		
C7.2.7	Gas locker has lid or cover?		
C7.2.8	Gas locker vent above cylinders and outside the vessel?		
C7.2.10	Gas locker drain at lowest point?		
7.3	Installation of cylinders, lockers and housings		
C7.3.1	Gas cylinders, stowed upright?		
C7.3.2	Gas cylinders, secured?		
C7.3.3	Gas cylinders, lockers and housings not obstructing?		
C7.3.4	Gas cylinders, lockers and housings away from heat?		
C7.3.5	Gas cylinders, lockers and housings cylinders removable quickly?		
7.4	Construction of cylinders lockers / housings		
C7.4.1	Gas cylinder lockers / housings minimum thickness of steel or GRP?		
C7.4.2	Gas cylinder lockers / housings metal box with continuous welds?		
Notes			

5.4		-	
5.4	Spare petrol		
C5.4.1	Spare petrol - carried in approved containers?		
C5.4.2	Spare petrol - stored in accordance with part 7?		
5.5	LPG engine		
C5.5.1	Portable LPG engine - complies with LPGA code?		
C5.5.2	Portable LPG engine - no dual fuel system?		
5.6	Outboard engine		
C5.6.1	Outboard engine securely fixed?		
5.8	Portable engines and generators		
C5.8.1	Portable LPG/petrol engines/generators with integral tanks stowed in		
	accordance with standards 7.2 and 7.3 of these standards?		
C5.8.2	Portable diesel generators with integral tanks meeting C7.2 & C7.3?		
C5.8.3	Are any portable diesel generators not in use stored securely?		
C5.8.4	Are any portable diesel engines not in use stored securely?		
Part 6	Fire extinguishing and escape	E1	E2
6.1	Portable and fixed extinguishers		
C6.1.1	Portable extinguishers approval-marked?		
C6.1.2	Portable extinguishers readily accessible?		
C6.1.3	Portable extinguishers near fire risk points?		
C6.1.4	Portable extinguishers in good condition?		
C6.1.5	Each portable extinguisher meets minimum fire rating?		
C6.1.6	Portable extinguishers together meet total minimum fire rating?		
C6.1.7	Minimum number portable extinguishers fitted?		
C6.1.8	Fixed extinguisher release readily accessible & outside risk area?		
6.2	Fire Blanket		
C6.2.1	Fire blanket fitted if required?		
C6.2.2	Fire blanket to BS 6575 or BS EN 1869?		
C6.2.3	Fire blanket ready for immediate use?		
6.3	Emergency escape		
			1
C6.3.1	Two means of escape exist?		

6.4	Carbon Monoxide Alarms on boats with accommodation spaces		
C6.4.1	Are the correct number of carbon monoxide alarms provided?		
C6.4.2	Is/are there CO alarm(s) in the same space(s) as any solid fuel stove(s)?		
C6.4.3	Are carbon monoxide alarms in open view and of a suitable type?		
C6.4.4	Are carbon monoxide alarms in good condition?		
6.6	Soft furnishings		
C6.6.1	Soft furnishings free of heat damage?		
6.7	Heat damage		
C6.7.1	Exposed GRP surfaces free of heat damage?		
Part 7	Liquified Petroleum Gas (LPG) systems	E1	E2
7.2	Storage of cylinders on deck, in lockers, in housings & on cabin tops		
C7.2.2	Deck stored cylinder(s) more than 1m from openings into boat?		
C7.2.3	Deck stored cylinder(s) more than 1m from ignition source?		
C7.2.4	LPG Cylinders not on deck in cylinder locker (or housing against 7.7)?		
C7.2.5	Gas locker LPG tight to prescribed height?		
C7.2.6	Gas locker openable only from top?		
C7.2.7	Gas locker has lid or cover?		
C7.2.8	Gas locker vent above cylinders and outside the vessel?		
C7.2.10	Gas locker drain at lowest point?		
7.3	Installation of cylinders, lockers and housings		
C7.3.1	Gas cylinders, stowed upright?		
C7.3.2	Gas cylinders, secured?		
C7.3.3	Gas cylinders, lockers and housings not obstructing?		
C7.3.4	Gas cylinders, lockers and housings away from heat?		
C7.3.5	Gas cylinders, lockers and housings cylinders removable quickly?		
7.4	Construction of cylinders lockers / housings		
C7.4.1	Gas cylinder lockers / housings minimum thickness of steel or GRP?		
C7.4.2	Gas cylinder lockers / housings metal box with continuous welds?		
<u>Notes</u>			
1			

7.5	Locker drains	C7.11.1	Inlet gas connection – secured?
C7.5.1	Gas locker drains hose or pipe suitable for LPG?	C7.11.2	Inlet gas connection - correctly located?
C7.5.2	Gas locker drains hose connection meets 7.13?	C7.11.3	Inlet gas connection - pipe from locker correctly installed?
C7.5.3	Gas locker drains minimum internal diameter?	7.12	Installation pipework materials
7.6	Openings into lockers	C7.12.1	LPG pipework materials – Suitable?
C7.6.1	Locker Openings - LPG items accessible, valves etc?	C7.12.2	LPG hose on appliance for specified purposes?
C7.6.2	Locker Openings - situated outside specified areas?	C7.12.3	LPG hose from single cooking appliance to regulator 1m max?
7.7	Housings in self-drain cockpits only	7.13	Flexible hoses
C7.7.1	Housings in self-drain cockpits cylinder in locker / housing?	C7.13.1	Flexible LPG hoses - to BS 3212/2 or equivalent?
C7.7.2	Housings in self-drain cockpits cockpit drain above water line?	C7.13.2	Flexible LPG hoses - long enough (but 1.0m max)?
C7.7.3	Housings in self-drain cockpits cockpit LPG tight to prescribed height?	C7.13.3	Flexible LPG hoses - readily accessible?
C7.7.4	Housings in self-drain cockpits cockpit openings watertight?	C7.13.4	Flexible LPG hoses - not under stress?
7.8	Risk of damage in LPG cylinder lockers / housing	C7.13.5	Flexible LPG hoses - not liable to abrasion?
C7.8.1	Is gas locker/housing free of items that could damage LPG equipment?	C7.13.6	Flexible LPG hoses - if not pre-made, on nozzle?
C7.8.2	Locker / housing does not contain items that could obstruct the drain?	C7.13.7	Flexible LPG hoses - spring tension hose clamps not used?
C7.8.3	Locker/housing does not contain items that may ignite leaking LPG?	C7.13.8	Flexible LPG hoses - hose clips right size?
7.9	Main shut-off valves	C7.13.9	Flexible LPG hoses - free from heat damage?
C7.9.1	Main LPG shut-off valves outside accommodation?	7.14	Portable appliances
C7.9.3	Main LPG shut-off valves readily accessible?	C7.14.1	Portable LPG appliances - connector bayonet/plug/screwed?
C7.9.4	Main LPG shut-off valves near cylinder?	C7.14.2	Portable LPG appliances - screwed socket capped when unplugged?
C7.9.5	Main LPG shut-off valves fitted if auto changeover exist?	7.15	Self-contained portable appliance
C7.9.6	Main LPG shut-off valves close to auto changeover?	C7.15.1	Self-contained portable LPG appliance - stored in locker/housing?
C7.9.7	Main LPG shut-off valve(s) is/are visible or clearly marked?	7.16	Installation pipework positioning
7.10	High pressure stage components	C7.16.1	LPG pipework accessible for inspection?
C7.10.1	LPG Regulator correctly located?	C7.16.2	LPG pipework as short as possible?
C7.10.2	Two or more LPG cylinders, non-return valves?	C7.16.3	LPG pipework as high as possible?
C7.10.3	LPG pigtails, pre-made hoses and be marked to BS EN 16436 Class 3;	C7.16.4	LPG pipework secured?
	BS 3212 type 2; or equivalent standard?	C7.16.5	LPG pipework protected from damage?
C7.10.4	High pressure LPG Components protected?	C7.16.6	LPG pipework protected through bulkheads?
C7.10.5	LPG Regulator not manually adjustable?	<u>Notes</u>	
7.11	Inlet gas connection		

7.5	Locker drains	
C7.5.1	Gas locker drains hose or pipe suitable for LPG?	
C7.5.2	Gas locker drains hose connection meets 7.13?	
C7.5.3	Gas locker drains minimum internal diameter?	
7.6	Openings into lockers	
C7.6.1	Locker Openings - LPG items accessible, valves etc?	
C7.6.2	Locker Openings - situated outside specified areas?	
7.7	Housings in self-drain cockpits only	
C7.7.1	Housings in self-drain cockpits cylinder in locker / housing?	
C7.7.2	Housings in self-drain cockpits cockpit drain above water line?	
C7.7.3	Housings in self-drain cockpits cockpit LPG tight to prescribed height?	
C7.7.4	Housings in self-drain cockpits cockpit openings watertight?	
7.8	Risk of damage in LPG cylinder lockers / housing	
C7.8.1	Is gas locker/housing free of items that could damage LPG equipment?	
C7.8.2	Locker / housing does not contain items that could obstruct the drain?	
C7.8.3	Locker/housing does not contain items that may ignite leaking LPG?	
7.9	Main shut-off valves	
C7.9.1	Main LPG shut-off valves outside accommodation?	
C7.9.3	Main LPG shut-off valves readily accessible?	
C7.9.4	Main LPG shut-off valves near cylinder?	
C7.9.5	Main LPG shut-off valves fitted if auto changeover exist?	
C7.9.6	Main LPG shut-off valves close to auto changeover?	
C7.9.7	Main LPG shut-off valve(s) is/are visible or clearly marked?	
7.10	High pressure stage components	
C7.10.1	LPG Regulator correctly located?	
C7.10.2	Two or more LPG cylinders, non-return valves?	
C7.10.3	LPG pigtails, pre-made hoses and be marked to BS EN 16436 Class 3; BS 3212 type 2; or equivalent standard?	
C7.10.4	High pressure LPG Components protected?	
C7.10.5	LPG Regulator not manually adjustable?	
7.11	Inlet gas connection	

C7.11.1	Inlet gas connection – secured?	
C7.11.2	Inlet gas connection - correctly located?	
C7.11.3	Inlet gas connection - pipe from locker correctly installed?	
7.12	Installation pipework materials	
C7.12.1	LPG pipework materials – Suitable?	
C7.12.2	LPG hose on appliance for specified purposes?	
C7.12.3	LPG hose from single cooking appliance to regulator 1m max?	
7.13	Flexible hoses	
C7.13.1		
1	Flexible LPG hoses - to BS 3212/2 or equivalent?	
C7.13.2	Flexible LPG hoses - to BS 3212/2 or equivalent? Flexible LPG hoses - long enough (but 1.0m max)?	
C7.13.2 C7.13.3	Flexible LPG hoses - to BS 3212/2 or equivalent? Flexible LPG hoses - long enough (but 1.0m max)? Flexible LPG hoses - readily accessible?	
C7.13.2 C7.13.3 C7.13.4	Flexible LPG hoses - to BS 3212/2 or equivalent? Flexible LPG hoses - long enough (but 1.0m max)? Flexible LPG hoses - readily accessible? Flexible LPG hoses - not under stress?	
C7.13.2 C7.13.3 C7.13.4 C7.13.5	Flexible LPG hoses - to BS 3212/2 or equivalent? Flexible LPG hoses - long enough (but 1.0m max)? Flexible LPG hoses - readily accessible? Flexible LPG hoses - not under stress? Flexible LPG hoses - not liable to abrasion?	
C7.13.2 C7.13.3 C7.13.4 C7.13.5 C7.13.6	Flexible LPG hoses - to BS 3212/2 or equivalent? Flexible LPG hoses - long enough (but 1.0m max)? Flexible LPG hoses - readily accessible? Flexible LPG hoses - not under stress? Flexible LPG hoses - not liable to abrasion? Flexible LPG hoses - if not pre-made, on nozzle?	

Flexible LPG hoses - spring tension hose clamps not used?		
Flexible LPG hoses - hose clips right size?		
Flexible LPG hoses - free from heat damage?		
Portable appliances		
Portable LPG appliances - connector bayonet/plug/screwed?		
Portable LPG appliances - screwed socket capped when unplugged?		
Self-contained portable appliance		
Self-contained portable LPG appliance - stored in locker/housing?		
Installation pipework positioning		
LPG pipework accessible for inspection?		
LPG pipework as short as possible?		
LPG pipework as high as possible?		
LPG pipework secured?		
LPG pipework protected from damage?		
LPG pipework protected through bulkheads?		
·		-
	Flexible LPG hoses - spring tension hose clamps not used? Flexible LPG hoses - hose clips right size? Flexible LPG hoses - free from heat damage? Portable appliances Portable LPG appliances - connector bayonet/plug/screwed? Portable LPG appliances - screwed socket capped when unplugged? Self-contained portable appliance Self-contained portable LPG appliance - stored in locker/housing? Installation pipework positioning LPG pipework accessible for inspection? LPG pipework as short as possible? LPG pipework secured? LPG pipework secured? LPG pipework protected from damage? LPG pipework protected through bulkheads?	Flexible LPG hoses - spring tension hose clamps not used?IFlexible LPG hoses - hose clips right size?IPortable LPG hoses - free from heat damage?IPortable appliancesIPortable appliances - connector bayonet/plug/screwed?IPortable LPG appliances - screwed socket capped when unplugged?ISelf-contained portable applianceISelf-contained portable LPG appliance - stored in locker/housing?IInstallation pipework positioningILPG pipework accessible for inspection?ILPG pipework as short as possible?ILPG pipework secured?ILPG pipework protected from damage?ILPG pipework protected through bulkheads?I

/.1/	Route of pipework	
C7.17.1	LPG pipework above bilge water level?	
C7.17.2	LPG pipework away from corrosive materials?	
C7.17.3	LPG pipework jointless and conduit through petrol engine space?	
C7.17.4	LPG pipework jointless/conduit through electrical space?	
7.18	Pipework with other services	
C7.18.1	LPG pipework not through vent or air conditioning duct?	
C7.18.2	LPG pipework not exposed to water leaks?	
C7.18.3	LPG pipework not through electricity/telecom duct?	
C7.18.4	LPG pipework at least 30mm from cables?	
C7.18.5	LPG pipework at least 75mm from exhaust?	
7.19	Joints and fittings	
C7.19.1	LPG joints - compression/or screwed?	
C7.19.2	LPG joints and fittings - readily accessible?	
C7.19.3	LPG joints and fittings – secured?	
C7.19.4	LPG joints and fittings - not under stress?	
C7.19.5	LPG joints and fittings - kept to a minimum?	
7 20	Appliance isolation valves	
7.20		
C7.20.1	LPG isolation valves - installed to each appliance?	
C7.20.1 C7.20.3	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve?	
C7.20.1 C7.20.3 C7.20.4	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible?	
C7.20.1 C7.20.3 C7.20.4 7.21	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves	
7.20 C7.20.1 C7.20.3 C7.20.4 7.21 C7.21.1	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves LPG isolation valve not adjacent, is labelled?	
7.20 C7.20.1 C7.20.3 C7.20.4 7.21 C7.21.1 C7.21.3	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves LPG isolation valve not adjacent, is labelled? LPG isolation valve - open/closed position marked?	
7.20 C7.20.1 C7.20.3 C7.20.4 7.21 C7.21.1 C7.21.3 C7.21.4	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves LPG isolation valve not adjacent, is labelled? LPG isolation valve - open/closed position marked? LPG isolation - taper valve has spring fitted?	
7.20 C7.20.1 C7.20.3 C7.20.4 7.21 C7.21.3 C7.21.4 C7.21.5	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves LPG isolation valve not adjacent, is labelled? LPG isolation valve - open/closed position marked? LPG isolation - taper valve has spring fitted? LPG isolation - no needle valve installed?	
7.20 C7.20.1 C7.20.3 C7.20.4 7.21 C7.21.3 C7.21.4 C7.21.5 C7.21.6	LPG isolation valves - installed to each appliance? LPG appliance with hose has valve? LPG isolation valves - readily accessible? Installation of isolation valves LPG isolation valve not adjacent, is labelled? LPG isolation valve - open/closed position marked? LPG isolation - taper valve has spring fitted? LPG isolation - no needle valve installed? Floor-level LPG isolation valve protected?	

7.22	Soundness testing		
C7.22.1	Means to test LPG tightness fitted?		
C7.22.2	LPG system leak-free?		
PG notes	Type: Butane / Propane Stable L/U value Time to L/U	•	
Part 8	Appliances, flues and exhausts	E1	E2
8.1	Appliance fuel installation		
C8.1.1	Appliance fuel installation meets relevant parts of standards?		
8.2	LPG Non-room sealed appliances		
C8.2.2(a)	Appliances installed before Jan 2000?		
C8.2.2(b)	Modifications / additions to an existing appliance made after Jan 2000		
	are to manufacturer specifications?		
8.2	Gas/Paraffin Fuelled Fridges on petrol engine vessels		
C8.2.2(c)	Fridges on petrol-engine boats - burner completely enclosed?		
C8.2.2(d)	Fridges on petrol-engine boats - air intake or exhaust as specified?		
C8.2.2(e)	Fridges on petrol-engine boats - combustion air piped as specified?		
8.2	Catalytic heater		
C8.2.2(f)	Catalytic heater meets BS 5258-11 or BS EN 449?		
8.2	Flues and draught diverters (DD)		
C8.2.2(g)	Flues and draught diverters - an approved type?		
C8.2.2(h)	Flues and draught diverters - properly fitted and maintained?		
8.2	Flues and draught diverters continued		
C8.2.2(i)	Flue of suitable material?		
C8.2.2(j)	Flue effectively insulated?		
C8.2.2(k)	Flue meets spillage test?		
C8.2.2(I)	Flues/ draught diverters-fitted to an appliance needing one? 💿 🔬		
8.2	Burner test		
C8.2.5	Burner flames pattern OK when all burners lit?		
Notes			

Soundness testing

7.22

7.17	Route of pipework	
C7.17.1	LPG pipework above bilge water level?	
C7.17.2	LPG pipework away from corrosive materials?	
C7.17.3	LPG pipework jointless and conduit through petrol engine space?	
C7.17.4	LPG pipework jointless/conduit through electrical space?	
7.18	Pipework with other services	
C7.18.1	LPG pipework not through vent or air conditioning duct?	
C7.18.2	LPG pipework not exposed to water leaks?	
C7.18.3	LPG pipework not through electricity/telecom duct?	
C7.18.4	LPG pipework at least 30mm from cables?	
C7.18.5	LPG pipework at least 75mm from exhaust?	
7.19	Joints and fittings	
C7.19.1	LPG joints - compression/or screwed?	
C7.19.2	LPG joints and fittings - readily accessible?	
C7.19.3	LPG joints and fittings – secured?	
C7.19.4	LPG joints and fittings - not under stress?	
C7.19.5	LPG joints and fittings - kept to a minimum?	
7.20	Appliance isolation valves	
C7.20.1	LPG isolation valves - installed to each appliance?	
C7.20.3	LPG appliance with hose has valve?	
C7.20.4	LPG isolation valves - readily accessible?	
7.21	Installation of isolation valves	
C7.21.1	LPG isolation valve not adjacent, is labelled?	
C7.21.3	LPG isolation valve - open/closed position marked?	
C7.21.4	LPG isolation - taper valve has spring fitted?	
C7.21.5	LPG isolation - no needle valve installed?	
C7.21.6	Floor-level LPG isolation valve protected?	
C7.21.7	Disused LPG pipework properly capped?	
<u>Notes</u>		

C7.22.1	Means to test LPG tightness fitted?			
C7.22.2	LPG system leak-free?			
LPG notes Type: Butane / Propane Stable L/U value Time to L/U				
Part 8	Appliances, flues and exhausts	E1	E2	
8.1	Appliance fuel installation			
C8.1.1	Appliance fuel installation meets relevant parts of standards?			
8.2	LPG Non-room sealed appliances			
C8.2.2(a)	Appliances installed before Jan 2000?			
C8.2.2(b)	Modifications / additions to an existing appliance made after Jan 2000 are to manufacturer specifications?			
8.2	Gas/Paraffin Fuelled Fridges on petrol engine vessels			
C8.2.2(c)	Fridges on petrol-engine boats - burner completely enclosed?			
C8.2.2(d)	Fridges on petrol-engine boats - air intake or exhaust as specified?			
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C8.2.2(d)	Fridges on petrol-engine boats - air intake or exhaust as specified?	
C8.2.2(e)	Fridges on petrol-engine boats - combustion air piped as specified?	
8.2	Catalytic heater	
C8.2.2(f)	Catalytic heater meets BS 5258-11 or BS EN 449?	
8.2	Flues and draught diverters (DD)	
C8.2.2(g)	Flues and draught diverters - an approved type?	
C8.2.2(h)	Flues and draught diverters - properly fitted and maintained?	
8.2	Flues and draught diverters continued	
C8.2.2(i)	Flue of suitable material?	
C8.2.2(j)	Flue effectively insulated?	
C8.2.2(k)	Flue meets spillage test?	
C8.2.2(I)	Flues/ draught diverters-fitted to an appliance needing one? 💿 🛕	
8.2	Burner test	
C8.2.5	Burner flames pattern OK when all burners lit?	
<u>Notes</u>		

8.3	Installation of appliances			
C8.3.1	Appliance properly installed?			
C8.3.3	Installed appliance secured?	Τ		
C8.3.4	No stress to appliance pipework etc?	Τ		
C8.3.5	LPG/Oil appliance not in petrol engine space?			
8.4	Installation of cooking appliance			
C8.4.1	Gimballed cooker secure at all angles?	Τ		
C8.4.2	No signs of overheating near cooker?	Τ		
C8.4.3	Combustibles not near cooker?			
C8.4.5	Curtains less than 600mm from cooker?			
8.5	Flame supervision devices			
C8.5.1	Flame supervision devices fitted to all burners?	Τ		
8.6	Instantaneous water heaters			
C8.6.1	Instantaneous water heaters - cold supply water only?	Τ		
8.7	Fuel oil appliances – shut off valves			
C8.7.1	Fuel oil appliances shut off valves – fitted?			
C8.7.2	Fuel oil appliances shut off valves - readily accessible?		-	
C8.7.3	Fuel oil appliances shut off valves - within same compartment?			
C8.7.4	Fuel oil appliances shut off valves - safe distance from appliance?	Τ		
8.8	Room sealed appliances (R-SA) only – Flue			
C8.8.1	Are R-SA appliance flue components properly installed?			
C8.8.2	Are R-SA flue terminal at least 500mm from openings?			
C8.8.3	Are R-SA flue not leaking?			
C8.8.4	Are R-SA flue terminal outside vessel & not in canopy?			
C8.8.5	Are R-SA flue terminals safe from risk of damage?			
8.9	Ventilation			
C8.9.1	Ventilation in accordance with BS 5482 Part 3?)		
C8.9.2	Ventilation – Is the sea going craft warning notice displayed?			
Part 9	Sanitation system	E	1	E2
C9.1.1	Sanitation system capable of being sealed?)		

Part 10		E1	E2
10.1	Lifebuoy		
C10.1.1	Lifebuoy provided?		
C10.1.2	Lifebuoy in readily accessible position?		
10.2	Hand / guard rails		
C10.2.1	Hand / guard rails fitted where required?		
C10.2.2	Hand / guard rails strong enough?		
C10.2.3	Hand / guard rails long enough?		
10.3	Hull openings		
C10.3.1	Hull Watertight to 250mm above waterline?		
C10.3.2	Self-draining cockpit opening approved?		
C10.3.3	Weed hatch at least 150mm above waterline?		
C10.3.4	Weed hatch watertight when secured?		
10.4	Water intakes below waterline		
C10.4.1	Water intakes below waterline fitted with valve?		
C10.4.2	Valves readily accessible on water intakes below waterline?		
10.5	Ventilation labels		
C10.5.1	Ventilation labels fitted?		
C10.5.2	Ventilation labels prominently displayed?		
10.6	Glass and acrylic materials		
C10.6.1	Glass - safety glass?		
10.7	Hotel boats only		
C10.7.1	Unpowered & system-less hotel boat - compliant with Standard 6.1?		
Notes:			

8.3	Installation of appliances			
C8.3.1	Appliance properly installed?			
C8.3.3	Installed appliance secured?			
C8.3.4	No stress to appliance pipework etc?			
C8.3.5	LPG/Oil appliance not in petrol engine space?			
8.4	Installation of cooking appliance			
C8.4.1	Gimballed cooker secure at all angles?			
C8.4.2	No signs of overheating near cooker?			
C8.4.3	Combustibles not near cooker?			
C8.4.5	Curtains less than 600mm from cooker?			
8.5	Flame supervision devices			
C8.5.1	Flame supervision devices fitted to all burners?			
8.6	Instantaneous water heaters			
C8.6.1	Instantaneous water heaters - cold supply water only?			
8.7	Fuel oil appliances – shut off valves			
C8.7.1	Fuel oil appliances shut off valves – fitted?			
C8.7.2	Fuel oil appliances shut off valves - readily accessible?			
C8.7.3	Fuel oil appliances shut off valves - within same compartment?			
C8.7.4	Fuel oil appliances shut off valves - safe distance from appliance?			
8.8	Room sealed appliances (R-SA) only – Flue			
C8.8.1	Are R-SA appliance flue components properly installed?			
C8.8.2	Are R-SA flue terminal at least 500mm from openings?			
C8.8.3	Are R-SA flue not leaking?			
C8.8.4	Are R-SA flue terminal outside vessel & not in canopy?			
C8.8.5	Are R-SA flue terminals safe from risk of damage?			
8.9	Ventilation			
C8.9.1	Ventilation in accordance with BS 5482 Part 3?	(W?)		
C8.9.2	Ventilation – Is the sea going craft warning notice displayed?			
Part 9	Sanitation system		E1	E2
C9.1.1	Sanitation system capable of being sealed?	(w?)		

Part 10		E1	E2
10.1	Lifebuoy		
C10.1.1	Lifebuoy provided?		
C10.1.2	Lifebuoy in readily accessible position?		
10.2	Hand / guard rails		
C10.2.1	Hand / guard rails fitted where required?		
C10.2.2	Hand / guard rails strong enough?		
C10.2.3	Hand / guard rails long enough?		
10.3	Hull openings		
C10.3.1	Hull Watertight to 250mm above waterline?		
C10.3.2	Self-draining cockpit opening approved?		
C10.3.3	Weed hatch at least 150mm above waterline?		
C10.3.4	Weed hatch watertight when secured?		
10.4	Water intakes below waterline		
C10.4.1	Water intakes below waterline fitted with valve?		
C10.4.2	Valves readily accessible on water intakes below waterline?		
10.5	Ventilation labels		
C10.5.1	Ventilation labels fitted?		
C10.5.2	Ventilation labels prominently displayed?		
10.6	Glass and acrylic materials		
C10.6.1	Glass - safety glass?		
10.7	Hotel boats only		
C10.7.1	Unpowered & system-less hotel boat - compliant with Standard 6.1?		
Notes:			

Section 3 –	Appliances, ventilation and portable fire extinguishers (The following information must be accurate at the time of certification and must be
	retained in Examiner's files/on BSS Database for 6 years minimum.)

1. Installed appliances, and the minimum fixed ventilation requirement									
Note: All appliances must be recorded, whether they require fixed ventilation, or not.									
Appliance type	No.	Make & model	Flue	Fuel	kW	Ventilation required (mm ²)			
Freestanding			U						
cooker									
Separate hob			U						
Separate oven			U						
and or grill									
Central heating									
boiler									
Instant. water									
heater									
Solid fuel stove			н						
Refrigerator									
Catalytic heater			U						
Max. No. of									
Persons*									

Location of vent	Vent type /specificatio	Area per n (mm	Area per vent (mm²)		High Level Sub-Total area (mm ²)					
Total effective area of fixed ventilation at high level (mm ²)										
	Vent type	Area per	vent	No.	Low Level					
Location of vent	/specificatio	n (mm	²)	of vents	Sub-Total area (mm²)					
Total effective area of fixed ventilation at low level (mm ²)										
Fixed ventilation requirement (in mm ²) = $[2200 \times U] + [650 \times P] + [550 \times H] + [440 \times F]$										
Ventilation compliant Yes: No:										
3. Portable fire extinguisher details										
Location	Make	& model	ire rating	g Cert. mark						

2. Total effective area of fixed ventilation. This must comply at certification

Total minimum fixed ventilation requirement (mm²)

Key for Flue column: U = Un-flued, F = Flued, B = Balanced flued, H= Solid Fuel Stove
Suggested key for Fuel column: D = Diesel, G = LPG, S = solid fuel, E = Electric
*Max Number Persons is the operators stated maximum number of people who can be aboard
the boat at any one time – including workforce and/or customers.

3. Portable fire extinguisher details										
Location	Make & model	Fire rating	Cert. mark							

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Section 3 – Appliances, ventilation and portable fire extinguishers (The following information must be accurate at the time of certification and must be retained in Examiner's files/on BSS Database for 6 years minimum.)														
1. Installed appliances, and the minimum fixed ventilation requirement						nt	2. Total effective area of fixed ventilation. This must comply at certification							
Note: All appliances must be recorded, whether they require fixed ventilation, or no					ilation, or not.	.				No.	High Level			
Appliance type	No.	Make & model	Flue	Fuel	kW	Ventilation required (mm ²)		Location of vent	/specification	(mm ²)	of vents	Sub-Total area (mm²)		
Freestanding cooker			U											
Separate hob			U											
Separate oven and or grill			U				Total effective area of fixed ventilation at high level (mm ²)							
Central heating boiler									Vent type	Area per vent	No.	Low Level		
Instant. water heater								Location of vent	/specification	(mm²)	of vents	Sub-Total area (mm²)		
Solid fuel stove			Н											
Refrigerator														
Catalytic heater			U											
							Total effective area of fixed ventilation at low level (mm ²)							
							Fixed ventilation requirement (in mm ²) = $[2200 \times U] + [650 \times P] + [550 \times H] + [440 \times F]$							
							Ventilation compliant Yes: No:							
							3. Portable fire extinguisher details							
Max. No. of							Location Make & model Fire rating Cert. mar					g Cert. mark		
Persons*														
Total minimum fixed ventilation requirement (mm ²)														

Key for Flue column: U = Un-flued, F = Flued, B = Balanced flued, H= Solid Fuel Stove

Suggested key for Fuel column: D = Diesel, G = LPG, S = solid fuel, E = Electric

*Max Number Persons is the operators stated maximum number of people who can be aboard the boat at any one time – including workforce and/or customers.