BSS Examination Record Form - Non-private Boats (2002 ECP Parts 2 to Part 10)

This form should only be used with a precise knowledge of the check text in, or in conjunction with, the Non-Private Boat (2002) Examination Checking Procedures manual.

Edition 0.3.1 – Sep 2023 (Interim)

Section 1 – Boat details and Contact information	
Boat details: (Must be recorded for the database)	
Current boat name	
Former name	
Reg. number or index	
Length (m)	
Max. Number Persons*	
Hull material	
Hull colour	
Superstructure material	
Superstructure colour	
Make	
Year of manufacture	
CIN/HIN/WIN	
Beam (m)	
Engine fuel	
Engine type	
Engine make & model	
Number of engines	
Engine Rating(s)	

Boat system details (Must be recorded for the database)	
Diesel fuel and/or system	
Petrol fuel and/or system	
Paraffin or other fuel oil and/or system	
Electrical DC power	
Electrical AC power	
Solid fuel appliance and/or propulsion burner	
Portable generator	
Toilet and/or holding tank with overboard discharge	
Portable LPG canister(s) and/or appliance	
Installed LPG system	
Manometer (M); bubble (B); not-tested (NT):	
Not-Tested reason:	

Previous examination information (optional - personal records only)
Previous BSSC Ref
Date of expiry

Contact details (optional - personal records only)
Company
Contact
Phone
Email
Address

Boat location information (optional - personal records only)
Location
Mooring ref
Access details

*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 details: (Must be recorded for the database)	
Current boat name	
Former name	
Reg. number or index	
Length (m)	
Max. Number Persons*	
Hull material	
Hull colour	
Superstructure material	
Superstructure colour	
Make	
Year of manufacture	
CIN/HIN/WIN	
Beam (m)	
Engine fuel	
Engine type	
Engine make & model	
Number of engines	
Engine Rating(s)	

Boat system details (Must be recorded for the database)	
Diesel fuel and/or system	
Petrol fuel and/or system	
Paraffin or other fuel oil and/or system	
Electrical DC power	
Electrical AC power	
Solid fuel appliance and/or propulsion burner	
Portable generator	
Toilet and/or holding tank with overboard discharge	
Portable LPG canister(s) and/or appliance	
Installed LPG system	
Manometer (M); bubble (B); not-tested (NT):	
Not-Tested reason:	

Previous examination information (optional - personal records only)
Previous BSSC Ref
Date of expiry

Contact details (optional - personal records only)
Company
Contact
Phone
Email
Address

Boat location information (optional - personal records only)
Location
Mooring ref
Access details

*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 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.

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 carbon monoxide leaflet must be issued if fault is recorded	W? = BSS Warning Notice may need to be issued

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:

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.

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 carbon monoxide leaflet must be issued if fault is recorded	W? = BSS Warning Notice may need to be issued

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:

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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:

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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? W?		
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:

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? W?		
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:

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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:			

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:			

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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**		
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	**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**		
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

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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	Flexible LPG hoses - to BS 3212/2 or equivalent?		
C7.13.2	Flexible LPG hoses - long enough (but 1.0m max)?		
C7.13.3	Flexible LPG hoses - readily accessible?		
C7.13.4	Flexible LPG hoses - not under stress?		
C7.13.5	Flexible LPG hoses - not liable to abrasion?		
C7.13.6	Flexible LPG hoses - if not pre-made, on nozzle?		
C7.13.7	Flexible LPG hoses - spring tension hose clamps not used?		
C7.13.8	Flexible LPG hoses - hose clips right size?		
C7.13.9	Flexible LPG hoses - free from heat damage?		
7.14	**Portable appliances**		
C7.14.1	Portable LPG appliances - connector bayonet/plug/screwed?		
C7.14.2	Portable LPG appliances - screwed socket capped when unplugged?		
7.15	**Self-contained portable appliance**		
C7.15.1	Self-contained portable LPG appliance - stored in locker/housing?		
7.16	**Installation pipework positioning**		
C7.16.1	LPG pipework accessible for inspection?		
C7.16.2	LPG pipework as short as possible?		
C7.16.3	LPG pipework as high as possible?		
C7.16.4	LPG pipework secured?		
C7.16.5	LPG pipework protected from damage?		
C7.16.6	LPG pipework protected through bulkheads?		

Notes

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	Flexible LPG hoses - to BS 3212/2 or equivalent?		
C7.13.2	Flexible LPG hoses - long enough (but 1.0m max)?		
C7.13.3	Flexible LPG hoses - readily accessible?		
C7.13.4	Flexible LPG hoses - not under stress?		
C7.13.5	Flexible LPG hoses - not liable to abrasion?		
C7.13.6	Flexible LPG hoses - if not pre-made, on nozzle?		
C7.13.7	Flexible LPG hoses - spring tension hose clamps not used?		
C7.13.8	Flexible LPG hoses - hose clips right size?		
C7.13.9	Flexible LPG hoses - free from heat damage?		
7.14	**Portable appliances**		
C7.14.1	Portable LPG appliances - connector bayonet/plug/screwed?		
C7.14.2	Portable LPG appliances - screwed socket capped when unplugged?		
7.15	**Self-contained portable appliance**		
C7.15.1	Self-contained portable LPG appliance - stored in locker/housing?		
7.16	**Installation pipework positioning**		
C7.16.1	LPG pipework accessible for inspection?		
C7.16.2	LPG pipework as short as possible?		
C7.16.3	LPG pipework as high as possible?		
C7.16.4	LPG pipework secured?		
C7.16.5	LPG pipework protected from damage?		
C7.16.6	LPG pipework protected through bulkheads?		

Notes

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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?		

Notes

7.22	**Soundness testing**		
C7.22.1	Means to test LPG tightness fitted?		
C7.22.2	LPG system leak-free?		

LPG notes Type: **B**utane **/ P**ropane **|** 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(l)	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

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?		

Notes

7.22	**Soundness testing**		
C7.22.1	Means to test LPG tightness fitted?		
C7.22.2	LPG system leak-free?		

LPG notes Type: **B**utane **/ P**ropane **|** 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(l)	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

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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? CO		
C8.8.2	Are R-SA flue terminal at least 500mm from openings? CO		
C8.8.3	Are R-SA flue not leaking? CO		
C8.8.4	Are R-SA flue terminal outside vessel & not in canopy? CO		
C8.8.5	Are R-SA flue terminals safe from risk of damage? CO		
8.9	**Ventilation**		
C8.9.1	Ventilation in accordance with BS 5482 Part 3? CO W?		
C8.9.2	Ventilation – Is the sea going craft warning notice displayed? CO		
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:

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Notes:

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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

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 cooker			**U**			
Separate hob___			**U**			
Separate oven and or grill			**U**			
Central heating boiler						
Instant. water heater						
Solid fuel stove			**H**			
Refrigerator						
Catalytic heater			**U**			
Max. No. of 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.

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

Location of vent	Vent type /specification	Area per vent (mm^2)	No. of vents	**High Level** Sub-Total area (mm^2)

Total effective area of fixed ventilation at high level (mm^2)

Location of vent	Vent type /specification	Area per vent (mm^2)	No. of vents	**Low Level** Sub-Total area (mm^2)

Total effective area of fixed ventilation at low level (mm^2)

Fixed ventilation requirement (in mm^2) = [2200 x U] + [650 x P] + [550 x H] + [440 x F]

Ventilation compliant Yes: No:

3. Portable fire extinguisher details

Location	Make & model	Fire rating	Cert. mark

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Separate hob___			**U**			
Separate oven and or grill			**U**			
Central heating boiler						
Instant. water heater						
Solid fuel stove			**H**			
Refrigerator						
Catalytic heater			**U**			
Max. No. of Persons*						

Total minimum fixed ventilation requirement (mm^2)

Key for Flue column: U = Un-flued, F = Flued, B = Balanced flued, H= Solid Fuel Stove
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Location of vent	Vent type /specification	Area per vent (mm^2)	No. of vents	**High Level** Sub-Total area (mm^2)

Total effective area of fixed ventilation at high level (mm^2)

Location of vent	Vent type /specification	Area per vent (mm^2)	No. of vents	**Low Level** Sub-Total area (mm^2)

Total effective area of fixed ventilation at low level (mm^2)

Fixed ventilation requirement (in mm^2) = [2200 x U] + [650 x P] + [550 x H] + [440 x F]

Ventilation compliant Yes: No:

3. Portable fire extinguisher details

Location	Make & model	Fire rating	Cert. mark