

AT EACH PERIODICAL SURVEY OF THE VESSEL, THE SURVEYOR MAY ALSO INSPECT THE FOLLOWING:
(MANY SMALL VESSELS WILL NOT HAVE ALL OF THE FOLLOWING ITEMS).

- 17 Main and auxiliary machinery, controls and instruments: engines will be tested whenever practical.
- 18 Steering systems, emergency steering, (recommended but not mandatory on twin-screw vessels).
- 19 Machinery guards on all rotating machinery.
- 20 Alarm systems. (**All vessels with a machinery space** require a machinery space bilge alarm, **audible at helm**).
A bilge alarm is required in all compartments where sea water pumping systems are fitted.
Bilge system. Pumps will be tested whenever practical when required to be fitted.
The bilge alarm must not operate off the same float switch that operates the electric bilge pump.
Emergency shut-offs on fuel valves, engine room fans etc, vent closures.
- 21 Cooling system, exhaust system and fuel system (exhausts shall be lagged, as required).
- 22 LPG installation, (LPG audible alarm and solenoid cut-off to be functional). Pressure vessels. Electrical installation,
(Note: Residual Current Device's (RCD's) required on systems exceeding 32 volts).
- 23 Pipe work, (sea water rubber hoses must be double-clipped each end). Approved rubber hose to be used eg "Dunlop Diamond 404".
- 24 Watertight integrity - doors, hatches, closing devices, windows, ventilators, etc.
- 25 Guardrails, freeing ports, emergency escapes.
- 26

NOTES



Department for Planning and Infrastructure
Government of Western Australia

EQUIPMENT LIST & SURVEY REQUIREMENTS FOR CLASS 4E HOUSE BOAT

(Inland (Smooth) Waters)

DATE OF ISSUE MAY 2002

IMPORTANT

This leaflet has been designed to assist a vessel owner in preparing a vessel for periodical survey in accordance with the Western Australian Marine Act.

This leaflet is not intended to cover every aspect of survey, and compliance with this leaflet does not necessarily constitute compliance with all relevant statutes.

For further information, please contact the
**COMMERCIAL VESSEL SAFETY
BRANCH** at:

1 ESSEX ST., FREMANTLE.
PO BOX 402, FREMANTLE, W.A. 6959
TELEPHONE:(08) 9216 8237
Fax: (08) 9216 8978

65 CHAPMAN ROAD, GERALDTON.
PO BOX 68, GERALDTON, W.A. 6530
TELEPHONE: (08) 9956 0113
Fax: (08) 9956 0131

Class 4E Equipment Check List (Houseboats for Smooth water only).

These requirements are to be used/read in conjunction with Uniform Shipping Laws Code Section 18 and ITS 42/99.

Note	Survey Item	Vessel Length	Requirements
1	Lifejackets	All Lengths	"Coastal", AS 1512 or PFD1 type Lifejackets.
2	Lifebuoys	All Lengths	1 with 15m of Buoyant line attached.
3	Navigation Lights	All Lengths	To comply with the requirements of vessel length.
4	Torch	All Lengths	An electric signalling torch (waterproof).
5	Fire Extinguisher	Less than 10m 10 to 20 m	One (1), suitable for oil fires. (4.5 kg Dry Chemical or 9L Foam), Two (2), suitable for oil fires. (4.5 kg Dry Chemical and 9L Foam).
6	Fire Bucket	Less than 10m 10 to 20 m	One (1) , with lanyard, Two (2), with lanyard.
7	First Aid Kit	All Lengths	See list below.
8	Radio	All Lengths	A means of communication, be it, VHF, 27 MHz or mobile phone, to enable help to be contacted in case of breakdown or emergency.
9	Charts	All Lengths	Required in large areas of navigation ie. lakes, estuaries.
10	Anchor and Line	All Lengths	One (1) anchor of a weight as specified, with line fitted with a chain pendant both of size and length as required by the Department.
11	Vessel Record Book	All Lengths	
12	Survey Certificate	All Lengths	To be displayed at all times.
13	Boat hook	All Lengths	One (1) boat hook.
14	Sound Signalling Device	All Lengths	A device which may be electric or other power operated, horn, whistle, siren or klaxon.
15	Bilge Pumps	All Lengths	One (1), hand bilge pump of capacity not less than 90 L/min.
16	Pyrotechnics	All Lengths	Two (2) red hand held flares, and Two (2) hand held orange smoke signals.
	17 to 26 Various	All Lengths	SEE NOTES 17 to 26 BELOW

Notes

These Notes refer to the corresponding equipment note numbers above

1	Lifejackets are to be marked with the vessel's name and fitted with reflective tape. Jackets are to be stowed in an easily accessible place for emergency use.																		
2	Lifebuoys are to be marked with the vessel's name and four bands of reflective tape at 90 degrees to each other. Lifebuoys must be readily accessible at all times.																		
3	As per the requirements for the "Preventing Collision at Sea Regulations". Separately switched anchor and Masthead lights are required.																		
4	The signalling light requires a facility for flashing, not just an on/off switch.																		
5	Minimum size of foam fire extinguisher is 9 Litre, Minimum size of dry chemical extinguisher is 4.5 kg. ALL PORTABLE EXTINGUISHERS MUST BE SERVICED ANNUALLY Note: Other types of approved extinguishing devices will be considered.																		
6	Fire buckets are to be of metal construction, painted red, with the word "Fire" painted in white thereon.																		
7	To be a proprietary line First Aid Kit of common manufacture containing items similar to the following: <table border="0" style="width:100%; border:none;"> <tr> <td style="width:33%;">Acriflavine,</td> <td style="width:33%;">Adhesive plaster,</td> <td style="width:33%;">Aspirin or Paracetamol (recommended),</td> </tr> <tr> <td>Antiseptic gauze pads,</td> <td>Bandages,</td> <td>Burn and Antiseptic cream,</td> </tr> <tr> <td>Calomine lotion,</td> <td>Compressive bandage,</td> <td>Non adhesive dressings,</td> </tr> <tr> <td>Finger stall,</td> <td>First Aid Pamphlet,</td> <td>Gauze,</td> </tr> <tr> <td>Safety pins,</td> <td>Sunburn cream,</td> <td>Scissors,</td> </tr> <tr> <td>Splinter forceps,</td> <td>Splinter probe.</td> <td></td> </tr> </table>	Acriflavine,	Adhesive plaster,	Aspirin or Paracetamol (recommended),	Antiseptic gauze pads,	Bandages,	Burn and Antiseptic cream,	Calomine lotion,	Compressive bandage,	Non adhesive dressings,	Finger stall,	First Aid Pamphlet,	Gauze,	Safety pins,	Sunburn cream,	Scissors,	Splinter forceps,	Splinter probe.	
Acriflavine,	Adhesive plaster,	Aspirin or Paracetamol (recommended),																	
Antiseptic gauze pads,	Bandages,	Burn and Antiseptic cream,																	
Calomine lotion,	Compressive bandage,	Non adhesive dressings,																	
Finger stall,	First Aid Pamphlet,	Gauze,																	
Safety pins,	Sunburn cream,	Scissors,																	
Splinter forceps,	Splinter probe.																		
10	Anchors up to 25 kg may be fitted with rope in lieu of chain; minimum of 3 metres of chain must be shackled between rope and anchor, Anchors 25 - 100 kg may be fitted with rope in lieu of chain; minimum of 6 metres of chain must be shackled between rope and anchor, Anchors 100 - 130 kg may be fitted with rope in lieu of chain; minimum of 9 metres of chain must be shackled between rope and anchor. An manual anchor winch is required for anchors over 30 kgs, and a powered winch for anchors over 50kg.																		
11	A book designated, as the logbook is required to be kept in the office at all times and made available to the surveyor on completion of the survey.																		
12	Maximum number of person vessel registered to carry to be displayed in a prominent position at all times.																		
14	A fixed horn must give a minimum 110dB (Sound intensity).																		
15	Houseboats, with pontoon hulls having one compartment subdivision, may not be required to fit a bilge pump.																		
16	Pyrotechnics are to be renewed by the manufacturers expiry date marked on each one. The requirement for pyrotechnics to be carried will be dependent upon the area of operation in which the vessel is plying, ie: in estuaries lakes or large open bodies of (smooth) inland water, they are required. In rivers or enclosed bodies of inland (smooth) waters they are not (fire risk).																		