



Vessel Survey

Thames Freight Standard/IWSPBC

Number:	FM 271
Issue:	03
Date:	10.05.18

IWFV2 Inspection Form

1. Vessel & Owner Details			
Name of Vessel: _____		Date: _____	
Owners Details: _____			
Location of Survey: _____			
Vessel Type: _____		Owner No: _____	Vessel No: _____
LOA _____	Beam _____	Tonnage _____	Max Draught _____
Operating Area _____		YOB _____	
Freeboard Required	Measured Freeboard	Safety Clear Required	Measured Safety Clear
Min Crew	Max Crew	Max PAX	Max Persons

2. Construction			
Hull Material _____			
Standards of Vessel Construction _____			
Vessel Previously in Class _____			
Evidence of 5 Years Safe History		Yes / No	Category of Waters _____
Stability Book	Yes / No	Simplified Stability Completed	Yes / No
General Condition _____			
Continuous Bulwarks / Guardrails		Yes / No	Minimum Height _____
Lifejacket Signage		Yes / No	
Draught Marks Required (>13.7m)		Yes / No	Draught Marks Provided Yes / No
Freeboard Correctly Marked		Yes / No	
Evidence of Air Tightness Test for Inflatable Boats & RHIB		Yes / No/ N/A	Date _____
Seating Arrangements For Planing Vessels _____			
Observations:			
Date of Last Out of Water Survey _____			

3. Weathertight Integrity

Collision Bulkhead _____ Aft Bulkhead _____

Openings in Weatherdeck		Requires Attention	
Recesses	<input type="checkbox"/>	Yes / No	
Hatches	<input type="checkbox"/>	Yes / No	
Doorways	<input type="checkbox"/>	Yes / No	
Skylights	<input type="checkbox"/>	Yes / No	
Portlights / Windows	<input type="checkbox"/>	Yes / No	
Ventilators	<input type="checkbox"/>	Yes / No	
Exhausts	<input type="checkbox"/>	Yes / No	

Number of Water Freeing Arrangements _____ Total Area cm² _____

Tank Sounding Method _____

4. Machinery

Main Engine Make _____ Type _____ Power _____

Coolant Temperature Gauge Lube Oil Gauge

Main Engine Stop at Helm Position Yes / No Main Engine Stop in Engineerroom Yes / No

Kill Cord (if appropriate) Yes / No / N/A Condition _____

Means of Ventilation to Machinery Space _____

Location of Ventilation Isolators _____

Fire Flaps Skylights Securing Mechanisms

Bulkhead Penetrations _____

Location of Fuel Tanks _____ Capacity _____

Location/ Type of Emergency Fuel Shut Off _____ Marked

Method of Sounding Fuel Tanks _____

Pipework ISO 7840 _____

Location of Tank Vents _____ Protected Yes / No

Waste Oil Storage _____

Bonding of Metal Fixings _____

5. Bilging Arrangements

Condition of Bilges _____

Means of Waste Oil Containment and Disposal:

Bilge Alarm Location _____ Satisfactory Yes / No

Bilge Pump Types _____

Pollution Control Equipment _____

6. Steering

Steering Gear Type _____

Modes of Steering _____

Clear Instructions For Multiple Steering Modes _____

Emergency Arrangements in the Event of Failure _____

Tiller / Ram Assembly _____

7. ElectricalExisting Vessel New Build Compliance With EC Directive 2006/87/EC Class Documents Available

Electrical Installation Test Certificate _____

General Wiring Condition _____

Access to Circuit Breakers _____

Number of Batteries	Type	Secured	Marked	Isolator

Live Terminals Protected Yes / No

Evidence of Corrosion Yes / No

Battery Ventilation Type _____

Location of Ventilation Isolator _____

Shore Supply _____

8. Generators

Electrical Installation Test Certificate _____

General Wiring Condition _____

Access to Circuit Breakers Electrically Bonded Live Terminals Protected Evidence of Corrosion

Exhaust System _____

Start / Stop Arrangements _____

9. Navigation Aids

Navigation Lights _____

NUC Lights NUC Shapes Compass Light Sound Signal

AIS Yes / No / N/A

Radar Yes / No / N/A

Compass Type _____

Deviation Card Date _____

VHF Type _____

Radio Licence Yes / No

Callsign _____

MMSI _____

Wheelhouse Visibility _____

Charts Onboard COP/NTM

SMS Audit Date _____

Radar Reflector Yes / No / N/A

Boat /Hook **10. Anchoring Arrangements**

Anchor Type _____ Number _____ Weight _____

Cable Type _____ Size _____ Length _____ Bitter End _____

Anchor Windlass Yes / No Type _____ Controls _____

Observations

11. Life Saving Appliances

Equipment	Number	Expiry Date
Hand Held Red Flares		
Orange Buoyant Smoke Floats		
SOLAS Approved Lifebuoys with Line Attached		
SOLAS Approved Lifebuoys with Automatic Light Attached		
Lifejackets		
Lifejacket Lights		

First Aid Kit _____ Expiry _____
 Type _____

Liferaft Serial No. _____ Capacity _____ Liferaft Service Due _____

Float Free _____ HRU Expiry _____ Emergency Pack _____

30m Heaving Line Water Resistant Torch

Muster Station _____ Escape Routes Marked

Man Overboard Arrangements _____

Fire Pump Type _____ No. Outlets _____ No. & Type Hoses _____

Fire Extinguishers

Location & No.	Type / Rating	Secured	Signage
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Engine Room / Cargo Pump Room Extinguishing Arrangements

12. Fire Risks

Equipment	Location	Number	Pass
Fire Detection			<input type="checkbox"/>
Carbon Monoxide Detection			<input type="checkbox"/>
LPG Detection			<input type="checkbox"/>
Fire Blanket			<input type="checkbox"/>

General Alarm >750Kw _____

Pressurised Cylinder Stowage _____

Petrol Stowage _____

Gas Installation Certificate Expiry (Valid for maximum of three years) _____**13. Welfare Facilities**

Cooking Facilities _____ Fire Risks In Galley _____

Garbage Disposal Arrangements _____

Number of Toilets _____ Number of Wash Basin _____ Number of Showers _____

Sewage Holding Tank _____ Potable Water _____

Number of Bunks _____ Lighting Arrangements _____

Escape Access From Accommodation _____

14. Tenders and Dinghies

Vessel Markings Yes / No Max Weight _____ Design Category _____

Lifting Arrangement Test Date _____ Air Tightness Test Date _____

Engine _____ Kill Cord Yes / No Fuel Arrangements _____

15. Crane / Lifting DeviceType _____ SWL _____ Test Certificate Sighted Outreach alarms Load Radius Chart Available Load Cell Device

Observations

16. Cargo Arrangements

Number of Subdivisions of Holds _____ Open Hatched Holds _____

Securing Arrangements _____ Method of Load/Discharge _____

Number of Tanks _____ Manifold Arrangements _____

Date of Last Hose Inspections _____

Large Mobile Foam Device Provided at Cargo Manifolds _____

Observations

17. Towing Arrangements

Towing Arrangement _____

Towing Point Structure _____

Helm Position Release Local Release

Hook Inspection Date

Girthing Calculations

Length Between Perpendiculars

Length of Radial Arm

Freeboard

Position of Hook / Post

Observations

The above vessel has been inspected inline with the Thames Freight Standard/ Inland Waters Small Passenger Boat Code¹, and has passed the Inspection without the requirement for remedial works to be undertaken.

The above vessel has been inspected inline with the Thames Freight Standard/ Inland Waters Small Passenger Boat Code², and may continue to work up to the expiry of the current licence whilst the remedial works detailed overleaf are completed to the satisfaction of the Marine Surveyor.

The above vessel has been inspected and failed to meet the minimum requirements set out in the Thames Freight Standard/ Inland Waters Small Passenger Boat Code³ and should be removed from service until the remedial items have been addressed.

Inspecting Officer:

Date

¹ Delete as applicable

16. Surveyors Notes