

Guidance Document

Registration Inspection for under 15m steel, aluminium, wood & GRP fishing vessels

Certification Procedures

Please ensure you obtain a copy of the Seafish Construction Standards to be read in conjunction with this document.

An application needs to be submitted to Seafish by the prospective owner, these can be obtained from the offices below.

Seafish Marine Services
Humber Seafood Institute
1 Origin Way
Grimsby
DN37 9TU

Seafish Marine Services
18 Logie Mill
Logie Green Road
Edinburgh, EH7 4HS

Tel: 01472 252300

Tel: 0131 524 8678

You may also download application forms and other documentation via our website at:
www.seafishmarineservices.com

This guidance document is designed to assist the owner & surveyor during the process of registration inspections

***This process of registration inspection is only applicable
to vessels constructed before 16th July 2007
Vessels constructed after this date must follow the full certification route.***

***Vessels less than 7m only require a hull survey*
*Vessel greater than 7m require hull and outfit survey***

All vessels must be surveyed out of the water

SCANTLINGS FOUND

Steel, Aluminium

Name of Vessel			
Scantling Length or L.O.A	(see standards part 4 diagram)		
Breadth			
Depth			
Keel and Stem	Bar keel -	Plate keel -	
Stern Frame	Stern post -	Stern bar -	Sole piece -
Shell Plating	General -	Garboard & Bilge -	Sheerstrake -
Transverse Floors	Floors -	Face bars -	
Centre and Side Girders	Centre girder -	Side girders	
Transverse Frames			
Deck Beams			
Deck Girders			
Watertight Bulkheads	Thickness of plating -	Stiffeners -	
Bulwark plating and stays	Thickness of plating -	Top rail -	
Chine Bars			
Shelterdeck Beams			
Shelterdeck Girders			
Shelterdeck side and deck plating			
Pillars			
Anchors and Chain			

SCANTLINGS FOUND

Wood

Scantling Numeral	L x B x D = Scantling numeral (see standards part 7 diagram) -		
Keel	Siding -	Moulded -	
Stem	Siding -		
Apron	Siding -		
Hog	Siding -	Moulded -	
Keelson	Siding -	Moulded -	
Hull and Deck Planking (Carvel)	Thickness -		
Thick Strakes	Siding -	Bilge No. -	Rubbing No. -
Sawn Frames	Siding single -	Spacing centres -	
	Siding Double -	Spacing centres -	
moulded at	Floor -	Bilge -	Deck -
	Clamps siding -		
Sawn and Bent Frames	Note: scantling numeral up to 140 only		
Sawn frames with bent frames between	Sawn frames siding -	Bent frames siding -	
	Sawn frames moulding -	Bent frames moulding -	
Spacing of Sawn Frames with 1,2 or 3 Bent Frames Between	1 Centres -	2 Centres -	3 Centres -
Bent Frames Only	Siding -	Moulded -	Spacing centres -
Clinker Built	Note: scantling numeral up to 70 only		
	Hull planking thickness -	Deck planking -	
	Width of land or lap -		
Risings	Siding -	Moulded -	
Gunwales	Siding -	Moulded -	
Cappings	Siding -		
Transoms	Double skin construction thickness x 2 -		
	Single planking thickness -		
	Transom knee siding -		

SCANTLINGS FOUND

Wood Cont.

Steel Deck Beams			
Breadth of vessel			
Below 3m	Size of angle -	Beam type – (Ordinary or Main)	Spacing -
3 – 4.5m	Size of angle -	Beam type – (Ordinary or Main)	Spacing -
Above 4.5 – 6.5m	Size of angle -	Beam type – (Ordinary or Main)	Spacing -
Carlings, Beam Knees and Thwarts			
Carlings	Moulded -	Siding -	
Beam Knee	Siding -		
	Thwarts siding -	Thwart knee siding -	
Wooden Beams (close spacing) double frame construction			
Main Beams	Siding -	Moulded at centre -	
Ordinary Beams	Siding -	Moulded at centre -	
Wooden Beams (wide spacing) single frame construction			
Main Beams	Siding -	Moulding at centre -	Spacing -
Ordinary Beams	Siding -	Moulding at centre -	Spacing -
Bulwarks			
Stanchions	Siding -		
Planking	Siding -		
Top rails	Siding -	Moulded -	
Stringers	Siding -	Moulded -	
Bulkheads (wood)			
Planking	Single planked thickness -	Double plank thickness -	
Plywood	Thickness		
Stiffeners	Spacing -	Moulded -	Siding -
Bulkheads (steel)			
Plating	Thickness -		
Stiffeners	Spacing -	Scantlings -	

SCANTLINGS FOUND

GRP

Scantling Numeral	L x B x D = Scantling numeral (see standards part 6 diagram) -	
Hull Single Skin	Thickness -	
Hull Sandwich	Core thickness -	Overall thickness -
Transverse Hull Framing		
Frame Section	Face -	Web -
	Face and web weight (g/m ²) -	
	Frame Spacing	
Longitudinal Stringers	(1.5m Maximum spacing)	
Beam	Section -	
Bilge	Section -	
Intermediate	Section -	
Transom Construction	(outboard engine mounting)	
Engine Power	BHP -	kW -
Plywood Core	Thickness	
	Total thickness -	
Main Decks	(wood planking construction)	
Main Beams	Siding -	Moulding at centre -
Ordinary Beams	Siding -	Moulding at centre -
Deck Planking	Thickness -	
Beam Shelf	Sectional area cm ² -	
Main Decks	(sheathed plywood construction)	
Main Beams	Siding -	Moulding at centre -
Ordinary Beams	Siding -	Moulding at centre -
Plywood	Thickness -	
Plywood Beam Self	Sectional area cm ² -	
Plywood Construction	(watertight bulkheads)	
Plywood	Thickness -	
Vertical Stiffeners	Scantlings -	Stiffener spacing -
Horizontal Stiffeners	Scantlings -	Stiffener spacing -
	Depth of Bulkhead -	
Deckhouse Construction		
	Size of Vessel -	
	Plywood thickness -	Core thickness -

Registration Inspection for under 15m steel, aluminium, wood & GRP fishing vessels

Standards section	Details
3.1.4	<p>Doors and Doorways</p> <p>Sill Height to minimum requirements <input type="checkbox"/></p> <p>Weathertight <input type="checkbox"/></p> <p>Operable from both sides <input type="checkbox"/></p>
3.1.7, 9.1.16 & 12.6	<p>Hatches and Hatchways</p> <p>Coaming heights to requirements <input type="checkbox"/></p> <p>Opening sizes to requirements <input type="checkbox"/></p> <p>Weathertight <input type="checkbox"/></p> <p>Operable from both sides <input type="checkbox"/></p>
3.1.10-11	<p>Flush Hatches</p> <p>Retaining device fitted <input type="checkbox"/></p> <p>Recessed drain fitted <input type="checkbox"/> Drainage arrangements from recessed channels <input type="checkbox"/></p> <p>'Hatch not to be opened at sea' sign fitted <input type="checkbox"/></p> <p>Weathertight <input type="checkbox"/></p>
3.2, 10.1(ii), 10.2.5-6-7	<p>Air and fuel pipes</p> <p>Internal Diameter to requirements <input type="checkbox"/></p> <p>Coaming height to requirements <input type="checkbox"/></p> <p>Closing appliances fitted <input type="checkbox"/></p> <p>Anti-flash gauze (oil tanks) <input type="checkbox"/></p>
3.3 & 12.7	<p>Ventilators</p> <p>Coaming height to requirements <input type="checkbox"/></p> <p>Closing device to requirements <input type="checkbox"/></p>
3.4	<p>Portlights</p> <p>Type: Opening <input type="checkbox"/> Fixed <input type="checkbox"/></p> <p>Blanking plate available <input type="checkbox"/></p>
3.5	<p>Skylights</p> <p>Weather tight <input type="checkbox"/></p> <p>Efficient means of securing closed <input type="checkbox"/></p> <p>Adequately strong <input type="checkbox"/></p> <p>Used as an escape <input type="checkbox"/> If yes are they a minimum of 500 x 500mm <input type="checkbox"/></p> <p>Operable from both sides <input type="checkbox"/></p>

Registration Inspection for under 15m steel, aluminium, wood & GRP fishing vessels

Standards section	Details
3.6	<p>Windows</p> <p>Type: Opening <input type="checkbox"/> Fixed <input type="checkbox"/> If used as an escape are they of minimum requirements <input type="checkbox"/></p> <p>Marine quality <input type="checkbox"/></p> <p>Adequately framed <input type="checkbox"/></p>
3.8 & 10.1	<p>Sea inlets and discharges</p> <p><u>Screwed Joints and malleable iron fittings are not to be used</u></p> <p>Valves and cocks fitted to a substantial pad on hull structure <input type="checkbox"/></p> <p>Valves fitted to all inlets and discharges <input type="checkbox"/></p> <p>Non-returns fitted to discharges <input type="checkbox"/></p> <p>Means of preventing back flooding <input type="checkbox"/></p> <p>Valves clearly marked, indicating the direction of turn to open and close <input type="checkbox"/></p>
3.9	<p>Water freeing arrangements to Seafish standards requirements (Freeing port area to be 3% of bulwark area port and starboard) <input type="checkbox"/></p>
3.10	<p>Bulkheads Fitted to Seafish standards requirements <input type="checkbox"/></p>
4.16	<p>Protection of Crew</p> <p>Adequate bulwarks, guard rails/wires around deck <input type="checkbox"/></p> <p>Rail height 1000mm <input type="checkbox"/></p>
4.19.12/13 /14	<p>Exhaust system</p> <p>Is the hull penetrated below the freeboard Yes / No</p> <p>If YES give details of means of preventing back-flooding:-</p> <p>_____</p> <p>_____</p>

Registration Inspection for under 15m steel, aluminium, wood & GRP fishing vessels

Standards section	Details
<p>9</p> <p>9.1.25</p>	<p>Machinery</p> <p>Engine make <input type="text"/> Model <input type="text"/> No. <input type="text"/></p> <p>HP / kW <input type="text"/> RPM <input type="text"/></p> <p>Gearbox make <input type="text"/> Reduction <input type="text"/></p> <p>Shaft material <input type="text"/> No. of shafts / Outboards <input type="text"/></p> <p>Means of starting <input type="text"/> Secondary means of starting <input type="checkbox"/></p> <p>Number main sea water cooling inlets <input type="checkbox"/></p> <p>Are strainers fitted between sea inlet valve and circulating pump to main engine <input type="checkbox"/></p> <p>Means of remote closing of fuel supply above freeboard deck <input type="checkbox"/></p>
<p>9.5-9.6</p>	<p>Steering gear</p> <p>Emergency steering <input type="checkbox"/></p>
<p>10</p> <p>12.4</p>	<p>Valves and associated piping</p> <p>WC inlet/discharges looped to underside of deck <input type="checkbox"/></p> <p>Essential pipework in engine space fire-resistant <input type="checkbox"/></p> <p>Is pipework well supported and clipped <input type="checkbox"/></p> <p>Are flexible pipe connections adequately secure (double clipped) <input type="checkbox"/></p>
<p>10.2</p>	<p>Fuel tanks Fixed <input type="checkbox"/> Portable <input type="checkbox"/></p>
<p>10.3</p>	<p>Bilge pumping <u>Screwed Joints and malleable iron fittings should not be used</u></p> <p>Do the pumps and associated piping meet requirements <input type="checkbox"/></p> <p>Are bulkhead drain cocks fitted <input type="checkbox"/></p> <p>Is suction possible from all compartments <input type="checkbox"/></p> <p>Pumps operable from above deck to requirements <input type="checkbox"/></p> <p>Is the bilge system clearly labelled <input type="checkbox"/></p> <p>Strainers fitted <input type="checkbox"/> If glass top fitted is a metal blanking plate located in a prominent position <input type="checkbox"/></p> <p>Is bilge alarm system fitted to requirements <input type="checkbox"/></p> <p>Are non-returns fitted to all suction lines <input type="checkbox"/></p> <p>Audible & visible from control position <input type="checkbox"/></p>

Registration Inspection for a under 15m steel, aluminium, wood & GRP fishing vessels

Standards section	Details
<p>11</p> <p>11.2.15-16 & 11.2.17</p> <p>11.4</p> <p>11.10</p>	<p>Electrical</p> <p>Marine grade cables <input type="checkbox"/></p> <p>Wiring adequate clipped <input type="checkbox"/></p> <p>Batteries securely fastened <input type="checkbox"/> Double pole switch fitted <input type="checkbox"/> Batteries adequately ventilated <input type="checkbox"/></p> <p>Emergency batteries for radio, navigation lights, lighting etc <input type="checkbox"/></p>
	<p>Fire safety</p>
<p>12.3</p>	<p>Gas appliances</p> <p>Gas detectors in gas-consuming appliance areas fitted <input type="checkbox"/></p> <p>Visible and audible from space concerned and control position <input type="checkbox"/></p>
<p>12.2.6</p> <p>12.6.4</p> <p>12.6.5</p> <p>12.7.1</p> <p>12.11</p>	<p>Accommodation and work spaces</p> <p>Furnishing upholstery fire-resistant <input type="checkbox"/></p> <p>Smoke detectors fitted in all spaces where required <input type="checkbox"/></p> <p>Ladders and steps at escape positions <input type="checkbox"/></p> <p>Ventilation to accommodation spaces to requirements <input type="checkbox"/></p> <p>Adequate hand holds and grab rails <input type="checkbox"/></p>
<p>12.17/18</p>	<p>Anchors and cables to Seafish standards requirements <input type="checkbox"/></p>
	<p>Compliance with the requirements of the MSN 1813(F) the Fishing Vessel Code of Practice for the Safety of Small Fishing Vessels</p>