

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

THUR, OCT 1 1896

Received at London Office,

State if Report is also sent on the Machinery of the Vessel.

Date of completion of Report 26th September 1896 Port of Glasgow  
Date, First Survey 16th June 1896 Last Survey 24th September 1896  
No. 14090 Survey held at Glasgow " Centaur Rig Gawl

On the Steam Trawler  
Tonnage under Tonnage Deck... 120.61  
of Poop... 2.98  
of Raised Or... 2.10  
of Bridge House... 2.10  
of Forecastle... 2.10  
of Houses on Deck... 4.3  
of excess of Hatchways... 5.11  
of Crown of... 5.11  
of Engine Room... 5.11  
Gross Tonnage... 132.23  
Less Crew Space... 10.29  
Less above Crown of... 5.11  
Engine Room... 5.11  
TONNAGE FOR FEES... 116.83  
Less Engine Room... 75.71  
Less Navigation Spaces... 1.53  
Register Tonnage... 44.70  
as cut on Beam...

ONE OR TWO DECKED VESSEL.

CLASS 100 A1

FEET.

Half Breadth (moulded) 9.95  
Depth from upper part of Keel to top of Main Deck Bms. 12.00  
Girth of Half Midship Frame (as per Rule) 17.37  
1st Number 39.32  
Length 95.5  
2nd Number 3755  
Proportions—Breadths to Length 4.8  
Depths to Length—Main Deck to top of Keel... 7.95  
Destined Voyage Fishing

Master J. R. Hardle  
Year of appointment 1896  
Built at Glasgow  
When built 1896 Launched 27th Aug 1896  
By whom built Mackie & Thomson  
Owners W. T. Roberts  
Managers Grimsby  
Residence Grimsby  
Port belonging to Grimsby  
If Surveyed while Building Afloat, or in Dry Dock Yes

LENGTH on Deck 95 Feet. 6 Inches. BREADTH—Moulded... 19 Feet. 11 Inches. DEPTH—Top of Floors to Main Deck 10 Feet. 8 Inches. Power of Engines 45 Horse. No. of Decks with Flat laid one No. of Tiers of Beams...  
Dimensions of Ship per Register, Length, 99.3 breadth, 20.1 depth, 10.45 Moulded Depth, ft. 11 ins. 6 Round of Beam 6 inches.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as Appro.	Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as Appro.
FRAME, Angles, <u>3</u> Bars, for $\frac{1}{2}$ length amidships... <u>3</u> <u>2 1/2</u> <u>5</u> <u>3</u> <u>2 1/2</u> <u>5</u>				KEEL, Bar or Side Plates depth and thickness <u>7 1/2 x 1 1/2</u>			
Do. for $\frac{1}{2}$ at each end... <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u>				STEM, moulding and thickness... <u>Built</u>			
Do. in way of Double Bottoms at Solid Floors... <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u> <u>"</u>				STERN-POST for Rudder do. do. <u>6 x 2 1/2</u>			
Distance of Frames from moulding edge to moulding edge, all fore and aft... <u>21</u> <u>2 1/2</u> <u>4</u> <u>2 1/2</u> <u>2 1/2</u> <u>4</u>				MAIN PIECE of Rudder, diameter at head... <u>3 1/2</u>			
EVERSED FRAME, Angles... <u>2 1/2</u> <u>2 1/2</u> <u>4</u> <u>2 1/2</u> <u>2 1/2</u> <u>4</u>				do. at heel... <u>2 1/2</u> <u>2</u>			
DEEP FRAMING, depth of girder... <u>16</u> <u>5</u> <u>16</u> <u>5</u>				RUDDER, how constructed <u>Forged frame plated</u>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships... <u>6</u> <u>5</u>				Can the Rudder be unshipped afloat? <u>Yes</u>			
in way of Engines and Boilers... <u>5</u> <u>5</u>				KEELSONS AND STRINGERS.			
thickness at the ends of vessel... <u>Straight across</u>				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate... <u>8</u> <u>8</u> <u>8</u> <u>8</u>			
depth at $\frac{1}{2}$ the half breadth, as per Rule... <u>See section</u>				Rider Plate... <u>4</u> <u>3</u> <u>7</u> <u>4</u> <u>3</u> <u>7</u>			
height extended at the Bilges... <u>See section</u>				SIDE KEELSON, Angles... <u>5</u> <u>4</u> <u>8</u> <u>5</u> <u>4</u> <u>8</u>			
FLOORS & BRACKETS, in Cell Dble Bottoms... <u>5</u> <u>3</u> <u>7</u> <u>5</u> <u>3</u> <u>7</u>				Bulb or Plate above floors for Ing. <u>Broad flange on frame</u>			
CENTRE GIRDER, in Double Bottom, depth and thickness... <u>42</u> <u>42</u>				Intercoastal Plate for length... <u>5</u> <u>5</u>			
Angles, Top... <u>42</u> <u>42</u>				Attached to outside plating with Angle... <u>3</u> <u>3</u>			
Angles, Bottom... <u>42</u> <u>42</u>				BILGE KEELSON, Angles... <u>5</u> <u>4</u> <u>8</u> <u>5</u> <u>4</u> <u>8</u>			
SIDE GIRDERS, number and thickness... <u>42</u> <u>42</u>				Bulb or Plate above floors for len. <u>Broad flange on frame</u>			
Angles... <u>42</u> <u>42</u>				Intercoastal Plate for length... <u>5</u> <u>5</u>			
MARGIN PLATE, depth (exclusive of flange) and thickness... <u>42</u> <u>42</u>				Attached to outside plating with Angle... <u>3</u> <u>3</u>			
Angles... <u>42</u> <u>42</u>				BILGE STRINGER Angles... <u>5</u> <u>4</u> <u>8</u> <u>5</u> <u>4</u> <u>8</u>			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake... <u>42</u> <u>42</u>				Bulb Plate for length... <u>Broad flange on frame</u>			
thickness in Engine and Boiler space... <u>42</u> <u>42</u>				Intercoastal Plate for length... <u>5</u> <u>5</u>			
Remainder in Holds... <u>42</u> <u>42</u>				Attached to outside plating with Angle... <u>3</u> <u>3</u>			
BEAMS, Main and Raised Quarter Decks, Single Angle, Bulb Angle, Plate or Tee Bulb... <u>42</u> <u>42</u>				SIDE STRINGER Angles... <u>5</u> <u>4</u> <u>8</u> <u>5</u> <u>4</u> <u>8</u>			
Angles on Upper Edge... <u>42</u> <u>42</u>				Bulb or Intercoastal Plate for Ing. <u>Broad flange on frame</u>			
Average space... <u>42</u> <u>42</u>				Attached to outside plating with Angle... <u>3</u> <u>3</u>			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb... <u>42</u> <u>42</u>				Main and Raised Quarter Deck Stringer Plate, breadth and thickness... <u>20</u> <u>6</u> <u>20</u> <u>6</u>			
Angles on Upper Edge... <u>42</u> <u>42</u>				Angle on ditto... <u>3 x 3</u> <u>6</u> <u>3 x 3</u> <u>6</u>			
Average space... <u>42</u> <u>42</u>				Tie Plates fore & aft, outside Hatchways... <u>7</u> <u>6</u> <u>7</u> <u>6</u>			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb... <u>42</u> <u>42</u>				Diagonal Tie Plates on Bms., No. of Pairs... <u>5</u> <u>5</u>			
Angles on Upper Edge... <u>42</u> <u>42</u>				Main Dk* Iron or Steel for <u>8 x 8</u> Ing. <u>5</u> <u>5</u>			
Average space... <u>42</u> <u>42</u>				R.Q. Dk* Iron or Steel for <u>PP</u> Ing. <u>3</u> <u>3</u>			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb... <u>42</u> <u>42</u>				Wood Deck, Material & thickness... <u>PP</u> <u>3</u> <u>3</u>			
Angles on Upper Edge... <u>42</u> <u>42</u>				Lower Deck Stringer Plate, breadth and thickness... <u>42</u> <u>42</u>			
Average space... <u>42</u> <u>42</u>				Angles on ditto, No. <u>42</u> <u>42</u>			
PILLARS, In 'tween Decks, Size and Spacing... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Tie Plates, outside Hatchways... <u>42</u> <u>42</u>			
Hold... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Deck* Material and thickness... <u>42</u> <u>42</u>			
Quarter, 'tween Dks.,... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Bridge Deck Stringer Plate, brdth & thickness... <u>42</u> <u>42</u>			
in Hold... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Angle on ditto... <u>42</u> <u>42</u>			
WEB FRAMES, In Fore Body, No. and Spacing... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Tie Plates... <u>42</u> <u>42</u>			
Brdth. & Thickness... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Deck, Material and thickness... <u>42</u> <u>42</u>			
No. of Side Stringers... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Forecastle Deck Stringer Plate, brdth & thcknss... <u>42</u> <u>42</u>			
WEB FRAMES, In E. & B. Space, No. & Spacing... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Angle on ditto... <u>42</u> <u>42</u>			
Brdth. & Thickness... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Tie Plates... <u>42</u> <u>42</u>			
No. of Side Stringers... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				Deck, Material and thickness... <u>42</u> <u>42</u>			
Size of Angles or Tee Bars to Web Frames... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				BULKHEADS.			
RACKET PLATES to Stringers between Web Frames, Depth and Thickness... <u>2 1/2</u> <u>42</u> <u>2 1/2</u> <u>42</u>				STIFFENERS.			
				Single or Double Frames.			
				Height up.			
				W.T. BULKHEADS			
				PARTITION			
				LONGITUDINAL			
				Are the outside Plates doubled two spaces of Frames in length? <u>Yes</u>			



14690 gl

PLATING.										RIVETING.									
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		Lower EDGES.				BUTTS.							
		AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
		Inches.	16ths of an inch.	16ths of an inch.	16ths of an inch.	Inches.	16ths of an inch.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	16ths of an inch.	Inches.	Pect.
Flat Plate KEEL .....		Bolt bar						Double		1 1/5		Reeled							
(If Bar Keel, state Riveting)												Double 3/4 2 7/8		9 3/4 7					
GARBOARD OR A Strake ..		4 7/2		7 7 7		4 50 7		Double 4 1/2 3/4 3		3 1/4 3		Treble 1/2 3		"		"		7 1/2 Full	
State actual thickness in way of Double Bottom.												Do		"		"		"	
B "		6		5 5		6		"		"		"		"		"		"	
C "		6		5 5		6		"		"		"		"		"		"	
D "		6		5 5		6		"		"		"		"		"		"	
Sheer or E "		4 8 1/2		8 6 6		4 50 8		"		"		"		"		14 1/4 9		"	
F "																			
G "																			
H "																			
I "																			
J "																			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel		✓																	
Length and thickness of Bilges .....		✓																	
of Sheerstrakes ..		✓																	
of Strake below		✓																	
POOP SIDES .....		✓																	
RAISED QUARTER DECK SIDES				5 5		5													
BRIDGE SIDES .....		✓																	
FORECASTLE SIDES .....		✓																	
LENGTHS OF PLATING .....				8 Spaces		✓													
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. ?										Main Stringer Plate Butts, treble riveted for full length amidship. Straps, single, double or overlapped for full length amidship.									
Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? 7 to D										Inner Bottom Plating, riveting of Edges Butts									
Centre Girder Butts, riveted. Keelson Butts, Treble riveted.										Frames, riveted through Plates with 5/8 in. Rivets, about 4 1/2 apart.									
Rivets, state whether of Iron or Steel. Iron																			
FRAMES extend in one length from Keel to gunwale										REVERSED FRAMES on floors and frames extend from to bilge + main Dk alternately - double to B.K. in 8 + B space									
MASTS, SPARS, &c.																			
Material. Total length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.																			
At Partners. Heel. Hounds. Head. Number. Size. Seams. Butts.																			
LOWER MASTS. Fore P.P. Pole																			
Main Pole Steel 33ft 11x 5/20 9 1/2 x 1/20 8 x 1/20 2										Single & double									
Mizen Pole																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars Spruce																			
Rigging, Material and Size, Shrouds Steel wire 3-2 1/2										Stays Steel wire 3 3/4 - 2 3/4									
Sails. One Suit of										Sails and the following spare sails									
EQUIPMENT No. LETTER TONNAGE FOR TRAWLERS 120.61 U.Dk. ANCHORS.																			
Number of Certificate. Anchors. WEIGHT, EX STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQ. BY RULE. Description of Anchor. Makers. Where and when tested and Superintendent.																			
Cwts. qrs. lbs. Cwts. qrs. lbs. Tons. Cwts. qrs. lbs. Cwts. qrs. lbs.																			
29750 1st Bower 4 1 - 1 - 7 6 12 2 - 4 1 - Rodgers S. Taylor Sons Sund. 22/6/96 H.J. Welford																			
29749 2nd 4 - 7 1 - 7 6 10 - - 4 - - Do Do Do Do																			
29751 3rd 2 2 - - 2 14 5 - - - 2 2 - - Do Do Do Do																			
Collective weight 10 3 7																			
Stream																			
Kedge																			
2nd Kedge																			
CHAIN CABLES. HAWSERS AND WARPS.																			
Number of Certificate. Fathoms. Size. Test per Certificate. Tons. WEIGHT OF CHAIN CABLE. Fathoms and Size Per Rule. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size Per Rule.																			
Supplied. Per Rule.																			
12250 60 7/8 20 5/8 24-0-1023-1-17 60 14/16 Stud S. Taylor Sons Sund. 23/6/96 H.J. Welford										Manila 60 5 1/2 - 60-5 1/2									
										HAWSER 60 3 1/2 - 60-3 1/2									
										WARP									
Iron Stream Chain or Steel Wire. ...																			
Boats one long boat																			
Pumps, Number 3										Diameter of Barrel and Tail Pipe 6 x 3 - Eng. 4 x 2 - F. Peak 3 x 1 1/2									
Windlass is C. Robinson, hand & winch geared										Capstan Steam winch									
Engine Room Skylights. How constructed? Teak on 3' 10" casing																			
What arrangements for deadlights in bad weather? Bulls eyes																			
Coal Bunker Openings. How constructed? Cast iron										How are lids secured? clutches & lashings Height above deck? 9"									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. Scuppers 3 pr. 7 Ports 2 pr 21 x 12 1 pr 18 x 9																			
Ceiling in Holds, thickness and material 2" R.P.										Ceiling 'tween Decks, thickness and material 1 3/8 R.P.									
Cargo Hatchways. How formed? plates & angles - 10" Gammings										Hatches. If strong and efficient? 2 1/2 Solid									
State size No. 1 Hatch (Forward) 4 ft x 3 ft No. 2 Hatch 3' 6" x 3' 6" No. 3 Hatch										No. 4 Hatch									
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch																			
No. of Breasthooks Two										No. of Crutches Deppers & flat									
Bulwarks, height above deck and description 2' 6" steel plate & stays										Main Rail, material and size 6 x 3 bulb angle									
The above is a correct description.										Surveyor's Signature									
Builder's Signature (here only) Mackie Rhoades										Surveyor to Lloyd's Register of British and Foreign Shipping.									