

1st Dks, 2nd Dk, and Pt. Awng. Dk

IRON OR STEEL STEAMER.

Received at London Office. 21 JUL 1893

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

Date of completion of Report 13th July 1893
Date, First Survey 13th April

Port of Glasgow
Last Survey 10th July 1893
Rig Masted

No. 12348 Survey held at Glasgow
On the Seal

TONNAGE under Tonnage Deck... 134.93

ONE OR TWO DECKED VESSEL.

CLASS 100 A

Master Not appointed

Year of appointment (1) As master in service of owner of present vessel: 18 (2) As master of this vessel: 18

Do. of Poop
Do. of Raised Or
Do. of Bridge House
Do. of Forecastle
Do. of Hatches on Deck
Do. of Hatches of Hatchways above Crown of Engine Room... 141.13
Crew Space... 7.59
Do. above Crown of Engine Room... 6.30
TONNAGE FOR FEES... 137.24
Engine Room... 77.68
Navigation Spaces... 1.56
Register Tonnage as cut on Beam... 54.30

Half Breadth (moulded) 10.2
Depth from upper part of Keel to top of Main Deck Bms. 12.0
Girth of Half Midship Frame (as per Rule) 17.8
1st Number 40.0
Length 97.25
2nd Number 3890
Proportions—Breadths to Length 4.7
Depths to Length—Main Deck to top of Keel... 8.1
Destined Voyage Coasting

Built at Glasgow
When built 1893 Launched 5th July
By whom built Mackie & Thomson
Owners Great British Ice Co. (Lim.)
Managers
Residence Grimsby
Port belonging to Grimsby

LENGTH on Deck as per Rule... 97 3
BREADTH—Moulded... 20 5
DEPTH—Top of Floors to Main Deck Beams... 10 11
Power of Engines 35
Horse... 35
No. of Decks with Flat laid One
No. of Tiers of Beams One
Dimensions of Ship per Register, Length, 98.0 breadth, 20.5 depth, 10.75 Moulded Depth, ft. 11 ins. 7 Round of Beam 8 inches.

FRAMING.			Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths in Ship.
RAME, Angles, 1/2" or 1" Bars, for 1/2 length amidships			3	2 1/2	6	3	2 1/2	6
Do. for 1/2 at each end			3	2 1/2	6	3	2 1/2	6
Do. in way of Double Bottoms at Solid Floors								
Distance of Frames from moulding edge to moulding edge, all fore and aft			21			21		
REVERSED FRAME, Angles			2 1/2	2 1/2	4	2 1/2	2 1/2	4
DEEP FRAMING, depth of girder			16		5	16		5
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships					6			6
in way of Engines and Boilers					5			5
thickness at the ends of vessel								
depth at 1/2 the half breadth, as per Rule			Straight on top as per section					
height extended at the Bilges								
FLOORS & BRACKETS, in Coll. Dble Bottoms								
Distance apart								
ENTIRE GIRDER, in Double Bottom, depth and thickness								
Angles, Top								
Bottom								
SIDE GIRDERS, number and thickness								
Angles								
MARGIN PLATE, depth (exclusive of flange) and thickness								
Angles								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake								
thickness in Engine and Boiler space								
Remainder in Hold								
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			5 1/2	3	7	5 1/2	3	7
Angles on Upper Edge								
Average space			42			42		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb								
Angles on Upper Edge								
Average space								
BEAMS, Hold, Plate or Tee Bulb								
Angles on Upper Edge								
Average space								
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Angles on Upper Edge								
Average space								
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Angles on Upper Edge								
Average space								
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb								
Angles on Upper Edge								
Average space								
PILLARS, In tween Decks, Size and Spacing								
Hold			2 1/2	42		2 1/2	42	
Quarter, tween Decks								
in Hold								
BR FRAMES, In Fore Body, No. and Spacing								
Brdth. & Thickness								
No. of Side Stringers								
WEB FRAMES, In F. & B. Space, No. & Spacing								
Brdth. & Thickness								
WEB FRAMES, In After Body, No. and Spacing								
Brdth. & Thickness								
No. of Side Stringers								
Sine of Angles or Tee Bars to Web Frames								
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness								

FORGINGS AND CASTINGS.			Inches in Ship.		Inches per Rule. Or as Approved.			
KEEL, Bar or Side Plates depth and thickness			7 1/2	1 1/2	7 1/2	1 1/2		
STEM, moulding and thickness.			7 1/2	1 1/2	7 1/2	1 1/2		
STERN-POST for Rudder do. do.			6 1/2	2 1/2	6 1/2	2 1/2		
" for Propeller			6 1/2	2 1/2	6 1/2	2 1/2		
MAIN PIECE of Rudder, diameter at head.			3 1/2		3 1/2			
do. at heel			2 1/2		2 1/2			
RUDDER, how constructed			Frame forged and plated.					
Can the Rudder be unshipped afloat?			Yes.					
KEELSONS AND STRINGERS.			Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	16ths in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			8		8	8		8
" Bulb Plate								
" Bulb Plate to Intercoastal Keelson								
" Horizontal Plates on Floors			4	3	7	4	3	7
" Angles								
SIDE KEELSON, Angles								
" Bulb or Plate above floors for								
" Intercoastal Plate for								
" Attached to outside plating with Angle								
BILGE KEELSON, Angle			5	4	8	5	4	8
" Bulb or Plate above floors for								
" Intercoastal Plate for								
" Attached to outside plating with Angle								
BILGE STRINGER Angles								
" Bulb Plate for								
" Intercoastal Plate for								
" Attached to outside plating with Angle								
SIDE STRINGER Angle			5	4	8	5	4	8
" Bulb or Intercoastal Plate for								
" Attached to outside plating with Angle								
Main and Raised Quarter Deck Stringer Plate, breadth and thickness			24	6	24	6		
" Angle on ditto			3	3	6	3	3	6
" Tie Plates fore & aft, outside Hatchways			8	6	8	6		
" Diagonal Tie Plates on Bms, No. of Pairs								
" Main Dk* Iron or Steel for			In way of 10/32 x 5					
" R. Q. Dk* Iron or Steel for			3 1/2 x 5					
" Wood Deck, Material & thickness			3 1/2 x 5					
Lower Deck Stringer Plate, breadth and thickness								
" Angles on ditto, No.								
" Tie Plates outside Hatchways								
" Deck Material and thickness								
Hold Stringer Plate								
" Angles on ditto, No.								
Poop Deck Stringer Plate, breadth & thickness								
" Angle on ditto								
" Tie Plates								
" Deck Material and thickness								
Bridge Deck Stringer Plate, breadth & thickness								
" Angle on ditto								
" Tie Plates								
" Deck Material and thickness								
Forecastle Deck Stringer Plate, breadth & thickness								
" Angle on ditto								
" Tie Plates								
" Deck Material and thickness								
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.								
BULKHEADS.		Number.	Thickness.	STIFFENERS.			Single or Double Frames.	Height.
In Vessel.	Per Rule.		16ths in Ship.	Horizontal. Inches.	Vertical. Inches.	Spacing. Inches.		
W. T. BULKHEADS	3	3	4	3 1/2 x 1/2	3 1/2 x 1/2	30	Double Deck	
PARTITION								
LONGITUDINAL								
Are the outside Plates doubled two spaces of Frames in length?			Yes.					

12348 gls

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 or to cr.			Diam.	Spacing or to cr.		Breadth.	Thickness.	Breadth.	For what Length.		
Garboard or A Strake	50	7	7	7	50	7	Double	✓	1	5	Double	4	25	4 1/2	8	✓	✓		
State actual thickness in way of Double Bottom.	B	51	6	5	5	51	6	Double	4 1/2	3	Double	4 1/2	25	4 1/2	8	✓	✓		
	C	48	7	5	5	48	7	Single	2 1/2	"	"	1/2 length	"	14 1/2	7	✓	✓		
	D	49	6	5	5	49	6	"	"	"	"	1/2 length	"	14 1/2	8	✓	✓		
	E	49	8	6	6	49	8	Double	4 1/2	"	"	whole length	"	14 1/2	7	✓	✓		
	F																		
	G																		
	H																		
	J																		
	K																		
	L																		
	M																		
	N																		
	O																		
	P																		
DOUBLING of Flat Plate Keel	✓																		
Length and thickness of Bilges	✓																		
Length and thickness of Sheerstrakes	✓																		
Length and thickness of Strake below	✓																		
POOP SIDES	✓																		
RAISED QUARTER DECK SIDES	✓																		
BRIDGE SIDES	✓																		
FORECASTLE SIDES	✓																		
LENGTHS OF PLATING		8 frame 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. Clydebridge, Huddersfield, Halliwell, Radcliffe, and Dalzell.

Siemens process.

Main Stringer Plate Butts, Double riveted for whole length amidship. Straps, single, double or overlapped for whole length amidship.

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? Double

Inner Bottom Plating, riveting of Edges Butts

Centre Girder Butts, ✓ riveted. Keelson Butts, Treble riveted.

Frames, riveted through Plates with 9/8 in. Rivets, about 4 1/2 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from keel to main deck.

REVERSED FRAMES on floors and frames extend from middle line to bilge and deck alternately. Double from bilge keelson to bilge keelson in 8 & 13 space.

MASTS, SPARS, &C.										
	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Head.		Number.	Size.	Seaming.	Butts.
LOWER MASTS	Fore	<u>Pine pole mast</u>								
	Main	<u>Steel 29-0</u>	<u>11 1/2</u>	<u>11 1/2</u>	<u>9 1/2</u>	<u>8 1/2</u>	<u>Sw</u>		<u>Single</u>	<u>Double</u>
	Mizen	<u>✓</u>								
Bowsprit	<u>✓</u>									
Topmasts, Yards and Remainder of Spars	<u>Pine</u>									
Rigging, Material and Size, Shrouds	<u>Steel wire 2 1/2</u>									
Sails.	<u>One</u>	Suit of								

Stays Steel wire 3 1/2

Sails and the following spare sails

EQUIPMENT No. ✓ LETTER ✓ TONNAGE FOR TRAWLERS 134.83 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.			
33793	1st Bower	4	1	18	1	-	9	6	17	2	-	4	1	-	<u>Podgers S.L.</u>	<u>31.5.93. Hetherington.</u>
33755	2nd	4	-	2	1	-	4	6	10	-	-	4	-	-	<u>Woodhouse</u>	<u>D. G. Lewis</u>
33734	3rd	2	2	6	-	2	19	5	7	2	-	2	2	-	<u>Br.</u>	<u>17.5.93. & Co. Huddersfield.</u>
	Collective weight	10	3	20								10	3	-		
	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.														
23766	115	7	20 1/2	24	42	23	17	60	7	<u>Steel link Woodhouse</u>	<u>Humberland</u>	<u>TOWLINE Hemp</u>	60	5 1/2	11	5 1/2			
										<u>180</u>	<u>30 1/2</u>	<u>June 1893</u>	<u>HAWSER</u>	60	3 1/2	11	3 1/2		
										<u>D. G. Lewis</u>			<u>WARP</u>	✓					
Iron Stream Chain or Steel Wire	✓																		

Boats One long boat

Pumps, Number Two in holds & one in fore peak Diameter of Barrel and Tail Pipe 4 x 2 and 3 x 1 1/2

Windlass is G. Robinson's Capstan ✓

Engine Room Skylights.—How constructed? Leak on iron coamings

What arrangements for deadlights in bad weather? Leak shutters fitted with bullseyes

Coal Bunker Openings.—How constructed? Cast iron shutters How are lids secured? Self locking Height above deck? 5 1/2

Number of Scuppers, and number and dimensions of Freeing Ports, &c. on each side 3 scuppers, 3 ports 21" x 22" & 2 moving pipes

Ceiling in Holds, thickness and material 3" red pine Ceiling 'tween Decks, thickness and material 3" red pine

Cargo Hatchways.—How formed? Plates & angles Hatches.—If strong and efficient? Yes 8 1/2

State size No. 1 Hatch (Forward) 3'-6" x 4'-1" x 9" No. 2 Hatch ✓ No. 3 Hatch ✓ No. 4 Hatch ✓

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch ✓

Bulwarks, height above deck and description 2'-6" iron plating 1/4" No. of Breasthooks Four No. of Crutches Two

Main Rail, material and size Bulk angle 6 1/2 x 3 1/2 with cope outside 3 1/2 x 9 1/2

The above is a correct description

Builder's Signature (here only) Maackie Thomson Surveyor's Signature Frank L. Sturgeon, G. Thomson

Surveyor to Lloyd's Register of British and Foreign Shipping.

