

16879 Gls

PLATING.

RIVETING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		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.	Thick-ness.	Breadth.	For what Length.	
	Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Feet.		
FLAT PLATE KEEL.....	42	23	15	15	42	23	Stale	6½	1	4¾	Full	1	3½	19	18½	14	full	
(If Bar Keel, state Riveting)							Stale	6	1	4¾	Full	1	3½	19	12½	14	full	
GABBOARD OR A Strake...	50	17	15	14	50	17	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
State actual thickness in way of Double Bottom.		14	13	12		14	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
B		14	13	13		14	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
C		14	14	12		14	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
D		15	13	14		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
E		15	13	14		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
F		15	13	14		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
G		15	13	12		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
H		15	13	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
J		15	13	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
K		15	13	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
L		15	13	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
M		15	12	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
N		15	12	11		15	Stale	6	1	4¾	Quard	1	4	-	-	14	full	
O		15½	12	11		15½	Stale	6	1	4¾	Full	1	4	19	13½	14	full	
Sheer or P	48	16½	13	13	48	16½	Stale	6	1	4¾	Full	1	4	19	15½	14	full	
Q																		
R																		
DOUBLING of Flat Plate Keel	In way of Upper Bridge																	
Length and thickness of Bilges	at openings this case plating																	
of Sheerstrakes																		
of Strake below																		
POOP SIDES				8		8	Single	3	7/8	3/4	Stale	3/4	2½	-	-	5	full	
BRIDGE SIDES	14				14		Double	6	1	4¾	Full	1	3½	19	18½	-	full	
FORECASTLE SIDES				8		8	Single	3	7/8	3/4	Stale	3/4	2½	-	-	5	full	

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, Plating, &c.?

Siemens Process. Dalglish Glasgow Bridge
"Block iron"

Upper Deck (Butts, treble riveted for half length, treble at ends)
Stringer Plate (Straps, single, double or overlapped for full length amidship.
Middle Deck (Butts, treble riveted for full length amidship.
Stringer Plate (Straps, single, double or overlapped for full length amidship.
Butts of Bilge & Side Stringers and Tie Plates, treble & double riveted (Stale with)
Inner Bottom Plating, riveting of Edges Stale Butts Stale
Centre Girder Butts, (Stale) riveted Keelson Butts, (Stale) riveted.
Frames, riveted through Plates with 1 in. Rivets, about 5 1/2 to 6 apart.
Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from mid line to margin plate & from margin plate to upper deck.
REVERSED FRAMES on floors and frames extend from mid line to margin plate & from margin plate to shell Dr. for 3/16 in. (chamber frame) to upper & middle decks alternately at ends. All in frame & of cast iron. All to upper deck in after peak.

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	107.6	30 x 10/16	26 x 10/16	20 x 9/16	9/16	3			Single	Full
	Main	109.0	30 x 10/16	26 x 10/16	20 x 9/16	9/16	3			Single	Full
	Mizen	107.6	30 x 10/16	26 x 10/16	20 x 9/16	9/16	3			Single	Full
Boomsprit	101.6	28 x 9/16	25 x 9/16	18 x 7/16	7/16	3				Single	Full

Topmasts, Yards and Remainder of Spars Steel & Pine
Rigging, Material and Size, Shrouds Stale Steel Wire & Pine Ropes 4 1/4. Jigger is Stays Stale Steel Wire & Pine Ropes 4 1/4. Jigger is
Sails. One Suit of working Sails, and the following spare sails.

EQUIPMENT No. 68691. LETTER d+ 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.			
32978	1st Bower	70	0	7	Stockless			54	0	0	0	68	3	0	Byers Patent. Reliance	do	do 26/7/98 H. J. Swellford
33406	2nd "	69	3	14	do			53	15	0	0	68	3	0	do	do	do 4/5/98 do
33873	3rd "	66	1	0	do			52	13	0	14	68	3	0	do	do	do 5/7/98 do
33875	Collective weight	262	2	7	do			46	4	2	21	262	2	0	do	do	do 28/4/98 do
11987	Stream	25	0	8	6	2	12	24	18	1	0	25	0	0	Rodgers	do	do 28/12/98 Ad. Jack
11988	Kedge	11	3	0	3	0	12	13	12	2	0	12	0	0	do	do	do 28/12/98 do
	2nd Kedge																

CHAIN CABLES.

HAWERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	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.									
6856	150	2 1/2	15 1/2	15 1/2	15 1/2	300-2 1/2	Stale	do	27/1/98 Charles Ad. Jack	TOWLINE	130	6	85	130-6
6858	150	2 1/2	do	15 1/2	15 1/2	300-2 1/2	Stale	do	27/1/98 do do	HAWSER	90	4 1/2	39	90-4 1/2
										WARP	90	3 1/2	26	90-3 1/2
Iron Stream Chain or Steel Wire ...	120	5 1/2	65			120-5 1/2	Stale	do			4	90	8	manila

Boats 6 Boats
Pumps, Number 11 in holds & 1 in forepeak Diameter of Barrel and Tail Pipe 5 x 2 1/2 in peak 3 x 1 1/2.
Windlass is Clarke Chapman & Co Patent Capstan
Engine Room Skylights.—How constructed? Steel on Steel Casings
What arrangements for deadlights in bad weather? Steel shutters & bells of glass
Coal Bunker Openings.—How constructed? Angles How are lids secured? Battens Height above deck? 4 in (under shell Dr.)
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 9 Scuppers & 2 ports 30 x 12 in each size.
Ceiling in Holds, thickness and material. 2 1/2 W.P. Ceiling 'tween Decks, thickness and material. 2 W.P.
Cargo Hatchways.—How formed? Plates & angles Hatches, If strong and efficient? 2 1/2 3
State size No. 1 Hatch (Forward) 17 x 13 x 12 No. 2 Hatch 20 x 13 x 12 No. 3 Hatch 20 x 13 x 12 No. 4 Hatch 20 x 13 x 12
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 7
One web plate & three fore-afters in each hatch No. of Breasthooks 1 No. of Crutches 2
Bulwarks, height above deck and description Side plating extended to poop. Main Rail, material and size Stringer plate & 1. chape of deck extends across well to poop.
The above is a correct description.
Builder's Signature (here only) Wm. Stephen Jones. Surveyor's Signature Thomas Warren.
Surveyor to Lloyd's Register of British and Foreign Shipping.

16879 gls

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

17/12/97, 3/1/98, 23/3/98, 23/5/98, M. 23/3/98 E

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & fitted

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

to plate, &c., conform well to each other? Yes

Do the holes for riveting plate to frames, butt straps, or plate

from the faying surfaces? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched

Do any rivets break into or through the seams or butts of plating? A few only.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

General Remarks (State quality of workmanship, &c.)

The workmanship throughout is good. The vessel has been built in accordance with the approved plans, the Surveyors' letters referred to, and in general conformity with the requirements of the Rules for the class contemplated. The deck, hand pumps & watertight doors have been tested as required & found satisfactory.

The fore-castle & bridge are combined, and the side plating of bridge is continued to poop with shell & stringer plate & one strake of deck plating on each side extended over well.

An upper bridge 123½ ft. in length is fitted on shell & stringer.

This vessel is fitted with an installation of Electric Light.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 75.0 ft., R.Q.D. or Break ft., Bridge Dk. ft., F'castle 388.0 ft.

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. The fore-castle & bridge are combined with side plating extended to poop & shell & stringer plate & one strake of deck continued over well.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 20th (Stl) & deep framing & webframes & shell & stringer (Stl)

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Portland Cement & Paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	135.0	394.0	Fore peak tank,		
Double bottom, forward,	205.8	672½	After peak tank,		6½
Double bottom, under Engines and Boilers,	65.0	300.	Midship deep tank,	30.0	99½
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 3148

Date 22/12/97

Order for Ordinary Survey No.

Date

No. 380 in builder's yard.

DATES OF SURVEYS held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought 1898 Feb 4. 5. 7. 22. 24. 28 Mar 3. 7. 16. 22. 24. 28. Apr 1. 5. 8. 12. 14. 18. 21. 28 May 3. 6. 10. 13. 17. 19. 23. 25. 27. 31. June 3. 7. 10. 13. 16. 21. 27. 29 July 5. 13. 27. 29 Aug 2. 4. 10. 12. 16. 17. 19. 22 26. 30 Sept 1. 6. 8. 13. 15. 20. 22. 27. 29 Oct 4. 6. 11. 13. 18. 20 24. 28. Nov 7. 10. 16. 18. 22. 25. 28. 29. Dec 2. 5. 9. 13. 14. 19. 21. 22 23. 26. 29. 1899 Jan 12. 19. 23. 26. 31. Feb 2. 5. 8. 10. 14. 17. 25. 28. 109. Mar 2. 3. 7. 7. 15. 21. 22. 23

The amount of Entry Fee £ 5: : : Fees applied for, 37. 3. 1899
Special Survey Fee £ 207. 19: : Received by me, 39. 3. 1899
Travelling Expenses, if any £ : : : R10. 10. 0

Certificate to be sent to

Glasgow.

I am of opinion this Vessel should be Classed 100A1 Steel

With, or without Freeboard, as condition of Class without

Thomas Warren F.R.N.S. Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

a r/cp + 2mc 3,99

100A1 Steel
Shell & stringer

Engine

The Surveyors are requested not to write on or below the Committee's Minute.