

13086 gls

BULKHEADS.			No. in Vessel	No. Reqd. by Rule					
Ceiling betwixt Decks, thickness and material	in hold	do.	do.	Thickness	Angles.	Spacing.	Height up.	Sngl. or Dbl. Frames.	
W.P. 2			P.P. 2 1/2	W. T. BULKHEADS	7' 6"	Vrtcl. 5 1/2' 3 1/2' 30'	30'	Spar deck	Double
				PARTITIONS		Hrztcl. 9' 3' 1 1/2' 48'			
Number of Breasthooks	7					Vrtcl.			
Crutches	32 deep floors					Hrztcl.			
				LONGITUDINAL		Vrtcl.			

Are the outside Plates doubled two spaces of Frames in length? *Yes*

The FRAMES extend in one length from *keel* to *upper deck* Riveted through Plates with *3/4* in. Rivets, about *6 1/2* apart.
The REVERSED ANGLE on floors and frames extend from *trunk side to main and spar decks alternately All to spar Deck in way of bridge and abaft after peak bulkhead.*

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.

Garboard, double riveted to Bar Keel *on Flat Plate Keel*, with rivets *1 1/8* in. diameter, averaging *5 1/2* ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets *7/8* in. diameter, averaging *3 1/4* ins. from centre to centre.
Butts of inside strakes from Keel to turn of Bilge, worked carvel, treble *double* riveted; treble for *whole* length; with rivets *7/8* in. dia., averaging *3 1/2* ins. from cr. to cr.
" of outside strakes " overlapped for *whole* length, treble riveted for *whole* length; with rivets *7/8* in. dia., averaging *3 1/2* ins. from cr. to cr.
Butts of *all inside* Strakes *at Bilge* for *whole* length, treble riveted with Butt Straps *4 1/2* *3/4* thicker than the plates they connect.
Edges from Bilge to Main Sheerstrake, worked clencher, double *single* riveted; with rivets *7/8* in. diameter, averaging *3 1/4* ins. from centre to centre.
Butts from Bilge to Main Sheerstrake, worked carvel, treble *double* riveted; treble for *whole* length; with rivets *7/8* in. dia., averaging *3 1/2* ins. from cr. to cr.
" of outside strakes " overlapped for *whole* length, treble riveted for *whole* length; with rivets *7/8* in. dia., averaging *3 1/2* ins. from cr. to cr.
Edges of Main Sheerstrake, double *single* riveted. Spar *on* *running* Sheerstrake, double *single* riveted.
Butts of Main Sheerstrake, treble riveted for *whole* length *amidships*. Butts of Spar *on* *running* Sheerstrake, treble riveted *whole* length *amidships*.
Butts of Main Stringer Plate, treble riveted for *whole* length *amidships*. Butts of Spar *on* *running* Stringer Plate, treble riveted for *whole* length.
" overlapped *Single or Double Straps* for *whole* length *amidships*. " " " *Single or Double Straps* for *half* length.
Butts of Inner Bottom Plating *double* riveted for *whole* length. Butts of Centre Girder *treble* riveted.
Breadth of edge laps of Shell Plating in double riveting *5 1/2' 4' 6"* Breadth of edge laps of Shell Plating in single riveting *10 1/2' 4' 9"*
Straps of Shell Plating, breadth and thickness *1 1/2' 5' 14 1/2' 19 1/4' 20* Butts, If Lapped, breadth of laps *10 1/2' 4' 9"*
Straps of Keelsons, Stringer and Tie Plates, treble or double, riveted *treble and double*.
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Lanarkshire & Halliwell. Beams Butts sample Dalglish. Floors Dalglish. Shell plating Cy. Dalglish & Co. Mossend. Iron plate Stockton*
Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*.
Is the riveted work properly closed? *Yes*.
Are the liners between the frames and plates solid single pieces? *Yes*. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*. Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes*. Do any rivets break into or through the seams or butts of plating? *A few*.
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*.

MASTS, SPARS, &c.

	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in rounds.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....	Fore	Steel 84.9	2 1/2	1 1/2		20	2	1	1	Single	Double
	Main	Steel 80.0	2 1/2	1 1/2		20	2	1	1	do	do
	Mizen										

Pinnace

Topmasts, Yards and Remainder of Spars *Pitch Pine*Rigging, Material and Size, Shrouds *Steel wire 4*Sails. *One* Suit of *Steel wire 4 1/2*

Sails and the following spare sails

EQUIPMENT No. 46115 LETTER *y* ANCHORS.

Number of Certificate.		WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQ. P'R RULE			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
25711	1st Bower ..	57	1	0	36	2	16	46	15	2	14	53	3	0	Biers Patent	15 L Biers	R.W.C. 24/12/93 J. Hartman
25663	2nd "	54	3	0	32	1	21	45	4	1	14	53	3	0	do	do	18/12/93 do
25660	3rd "	50	3	0	39	0	0	42	16	3	14	53	3	0	do	do	16/12/93 do
25738	4th "	45	3	0				39	14	1	14	45	2	0	do	do	29/12/93 do
	Collective weight	208	2	0								208	3	0			
3208	Stream	14	0	22	3	0	20	15	16	3	14	14	0	0	Rogers	R. Hingley & Son	Glas 14/12/93 S. Seathorn
3209	Kedge	7	0	6	2	0	2	9	5	0	0	7	0	0	do	do	14/12/93 do
	2nd Kedge ..																

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	Weight of Chain Cable.	Fathoms & Size Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size Per Rule.
1798	135 1/2	2 3/4	120.5	658.1.6	270-23 1/8	Shide	R. Hingley & Son	Glas 30/11/93 S. Seathorn	Towline*	90	4	90-4
1797	134 1/2	2 3/4	120.5			do	do	Glas 30/11/93 do	Hawser	90	3 1/2	90-3 1/2
1799	90 1/2	1 1/2	75.2.20		90-1 1/4	Shide	R. Hingley & Son	Glas 15/12/93 do	do	90	7	
Iron Stream Chain or Steel Wire...	15	1 1/4	22.125							90	6	
Towline* if steel wire	105	4 3/4	47 1/2		120-14 1/4							

HAWSERS AND WARPS.

Boats *4 Boats (2 Life Boats & 2 others)*
Pumps, Number *6* in hold & *one* in peak Diameter of Barrel and Tail Pipe *In hold 5 x 2 1/2 In peak 3 x 1 1/2*
The Windlass is *Clarke Chapman & Co* Capstan *-*
Engine Room Skylights.—How constructed? *Iron trunk bulkheads*
What arrangements for deadlights in bad weather? *Iron skylight with halyards*
Coal Bunker Openings.—How constructed? *By plates & angles* How are lids secured? *By Battens* Height above deck? *15'*
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *6 Scuppers on each side*

Cargo Hatchways.—How formed? *By plate & angles* Hatches.—If strong and efficient?
State size No. 1 Hatch (Forward) *25' x 15' 6"* No. 2 Hatch *32' x 16' 0"* No. 3 Hatch *18' x 16' 2"* No. 4 Hatch *28' x 15' 2"*
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *2 web plates in No. 1. 3 web plates in No. 2. 3 web plates in No. 3. 3 web plates in No. 4.*
Bulwarks, height above deck and description *Open rails* Main Rail, material and size *-*

The above is a correct description.

Builder's Signature (here only.)

Alfred Stephens & Sons

Surveyor's Signature

J. Thomson J. H. Warren

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

V3086 2M

Order for Special Survey No. 2405
Date 17th August 1893
Order for Ordinary Survey No. ✓
Date ✓
No. 349 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	<u>1893 July 25. 28. Aug 2. 8. 10. 14. 18. 29. Sept 5. 11. 15. 20. 22. 26. Oct</u>
2nd.	On the plating during the process of riveting	<u>2. 6. 9. 17. 20. 21. 23. Mar 3. 8. 10. 14. 20. 24. 28. Dec 4. 7. 14. 18. 21. 28. 29. 1894</u>
3rd.	When the beams were in and fastened, and before the decks were laid	<u>Jan 11. 12. 15. 16. 17. 19. 23. 26. 30. Feb 1. 5. 8. 9. 13. 16. 19. 21. 26. Mar 2. 6. 13</u>
4th.	When the ship was complete, and before the plating was finally coated or cemented	<u>15. 21. 27. April 4. 5. 10. 11. 17. 20. May 2. 7. 10. 14. 17. 21. 29. 31. June 7</u>
5th.	After the ship was launched and equipped	

Total No. of Visits

State dates and initials of letters respecting this case 15/6/93 M. 9/12/93 E

General Remarks (State quality of workmanship, &c.) The workmanship throughout is good.
The vessel is built in accordance with the approved plans the Secretary's
letter referred to and in general conformity with the requirements
of the Rules for the class contemplated.
The hand pumps & watertight doors have been
tested & found satisfactory.

This is a sister vessel to the Bezwada Report No
12232.

FOR RECORD in the REGISTER BOOK.—Length of Poop 28 ft., R.Q.D. or Break ✓ ft., Bridge Dk. 82 1/2 ft., F'castle 112 ft.,
(s) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

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
in the Register Book) One deck (iron) & Spar deck (iron), 2 tiers Beams & deep framing.
; Signal Letters

TANKS OF WATER BALLAST—

Bottom, aft, length 118 ft and water capacity in tons 324. Double bottom, forward, length 148 and water capacity in tons 455
Bottom, under engines and boilers, length 52 3/4 ft and water capacity in tons 204. If under Engines only, or Boilers only, state which ✓
Bottom, constructed on the cellular system, length 330 ft and water capacity in tons 983.
Peak tank, water capacity in tons —. After peak tank, water capacity in tons —.
Deep tank, length — and water capacity in tons —. Other tanks, if fitted, length — and water capacity in tons —.
The above have been been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

How the surfaces preserved from oxidation? Inside cement & paint Outside paint

LD assigned by the Committee, as per Secretary's

Letter, dated 6/7/94

Marked on Vessel's sides in accordance with Notice No. 572 Yes

In Summer 7 ft. 9 1/2 ins.
In Winter 7 ft. 13 1/2 ins.
For Winter in North Atlantic 8 ft. 6 3/4 ins.
Fresh Water above the centre of disc 5 1/2 ins.

To top of Wood, Iron or Steel Upper, Spar,
Amming, or Part Amming Deck.

The amount of Entry Fee £ 5 : " : " is received by me, (Signature)

Special... £ 145 : 3 : — 13/4 1894

Certificate* £ " : " : "

* Certificate to be sent to

Glasgow

Travelling Expenses, if any £ " : " : "

Of opinion this Vessel should be Classed

* 100A.1. Steel, Spar Deck. J. Thomson. Tho Warren.
Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

Character assigned

100 A1 (steel)
Spar deck

1 Deck (iron) & Spar deck (iron) & deep
framing

2 A & B P
& L.M.C. 7 1/4

This vessel appears to have been built in
accordance with the Rules and the approved
plans, and it is submitted she is eligible
to be classed 100A.1 (Steel) Spar Deck
as recommended.

* 100 A1 (Steel) Spar Deck

1 Deck (iron) & Spar Deck (iron) & deep

W.B. = Cell D.B. 118' 4" E. 118' 4" 983 1/2

Cem

Lloyd's Register
Foundation

GLS170-0171 (212)