

Form B.

BULKHEADS. No. in Vessel *One* **Reqd. by Rule** *One*

	Thickness.	Angles.	Spacing.	Height up.	Sngl or Dbl. Frames.
Ceiling betwixt Decks, thickness and material <i>2" Pine</i>					
" in hold do. do. <i>2 1/2" do</i>					
Number of Breasthooks <i>6</i>					
" Crutches <i>5</i>					
W.T. BULKHEADS <i>1</i>	<i>6</i>	<i>Vertical 1/2" x 3/8"</i>	<i>30</i>	<i>to upper deck</i>	<i>Double</i>
PARTITIONS <i>1</i>	<i>20</i>	<i>Vertical 1/2" x 3/8"</i>	<i>30</i>		
LONGITUDINAL <i>1</i>		<i>Vertical 1/2" x 3/8"</i>			

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

The FRAMES extend in one length from *Keel* to *Gunnwale* Riveted through Plates with *3/8"* in Rivets, about *6"* apart.

The REVERSED ANGLES on floors and frames extend from *middle line to Main Deck* and to *Hold stringer plates* alternately.

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

Carboard, double riveted to Bar Keel or Flat Plate, with rivets *1 1/2"* in diameter, averaging *5 1/2"* ins. from centre to centre.

Edges of Carboards and to upper part of Bilge, worked clench, double riveted; with rivets *3/4"* in diameter, averaging *3 1/2"* ins. from centre to centre.

Butts from Keel to turn of Bilge, worked clench, double riveted; with rivets *3/4"* in diameter, averaging *3 1/2"* ins. from cr. to cr.

Butts of all Strakes at Bilge for whole length, treble riveted for whole length; with rivets *3/4"* in dia., averaging *3 1/2"* ins. from cr. to cr.

Edges from Bilge to Sheerstrake, worked clench, double riveted; with rivets *3/4"* in diameter, averaging *3 1/2"* ins. from centre to centre.

Butts from Sheerstrake, worked clench, double riveted; with rivets *3/4"* in diameter, averaging *3 1/2"* ins. from cr. to cr.

Edges of Sheerstrake, double & single riveted.

Butts of Main Stringer Plate, treble riveted for *1/2* length amidships. Single or Double Straps to Stringer Plate, for *1/2* length amidships.

Butts of Inner Bottom Plating, riveted for *1/2* length amidships. Butts of Centre Girders, riveted.

Breadth of edge laps of Shell Plating in single riveting *2 1/2"*

Butts, if Lapped, breadth of Laps *12" 9" x 7 1/2"*

Butt Straps of Shell Plating, breadth and thickness *16 3/4" 1 1/2" x 13 1/2"*

Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted? *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. *Messrs. Martin, Cambuslang, Motherwell, Dalzell, Kilside, Glasgow.*

Workmanship. Are the butts of plating planed or otherwise fitted? *All butts overlapped, except carboard & sheerstrake.*

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 facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *No, except a few in garb butts.*

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

MASTS AND SPARS. as per approved Plans.

	Material.	Total length.	DIAMETER AND THICKNESS.				Number of Plates in Round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Round.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....											
Main	<i>Steel</i>	<i>73' 8"</i>	<i>24 x 7/32</i>	<i>19 x 1/16</i>	<i>20 x 6/32</i>	<i>16 x 6/32</i>	<i>2</i>			<i>Double</i>	<i>Double & Double</i>
Mizen	<i>Do</i>	<i>74' 10"</i>	<i>19 1/4 x 7/32</i>	<i>15 1/4 x 1/16</i>	<i>16 x 6/32</i>	<i>12 3/4 x 3/16</i>	<i>2</i>			<i>Do</i>	<i>Do Do</i>
Jigger	<i>Do</i>	<i>19' 11"</i>	<i>22 x 7/32</i>	<i>19 x 1/16</i>	<i>18 x 6/32</i>	<i>18 x 6/32</i>	<i>2</i>			<i>Do</i>	<i>Do Do</i>
BOWSPRIT.....											
Main	<i>Do</i>	<i>41' 10"</i>	<i>14 1/2 x 5/32</i>	<i>13 x 5/32</i>	<i>11 x 5/32</i>	<i>3 1/8</i>	<i>2</i>			<i>Single</i>	<i>Double</i>
Mizen	<i>Wood</i>										
Jigger	<i>Do</i>										
YARDS.....											
Main	<i>Steel</i>	<i>67' 10"</i>		<i>16 x 6/32</i>		<i>8 x 5/16</i>	<i>2</i>			<i>Do</i>	<i>Do</i>
FORE TOPMAST YARDS											
Lower	<i>Do</i>	<i>63' 6"</i>		<i>15 x 5/32</i>		<i>7 1/2 x 3/16</i>	<i>2</i>			<i>Do</i>	<i>Do</i>
Upper	<i>Do</i>	<i>57' 6"</i>		<i>14 x 5/32</i>		<i>7 x 3/16</i>	<i>2</i>			<i>Do</i>	<i>Do</i>
MAIN.....											
Lower											
Upper											
MIZEN.....											
Lower											
Upper											
JIGGER.....											
Lower											
Upper											

Remainder of Spars *Wood*

Rigging. Material and Size, *Shrouds Steel Wire 3/4" x 8 strands* Stays *Steel Wire* Quality *Good*

Sails. *2 complete* Suit of all principal Sails, and the following Spare Sails

EQUIPMENT No. 156712 LETTER "A" ANCHORS.

Number of Certificate.	WEIGHT, EX. STOCK			TEST, PER CERTIFICATE.			WEIGHT, REG. PER RULE			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	Cwts.	qrs.	lbs.						
32652 1st Bower....	30	0	26	7	3	10	28	16	1	0	0	Chatham's L.P.	James & Lloyd, Aberdeen 18 Aug. 93 G. Harland		
32646 2nd "....	30	0	12	7	2	24	28	14	1	14	30	0	0	Do	Do 17 do S. G. Lewis
32779 3rd "....	25	2	7	6	2	16	25	5	3	21	25	2	0	Adgers	Do 13 Sept. Do
4th "....															
Collective weight	85	2	17				85	2	0						
32778 Stream.....	9	2	3	2	2	7	11	13	1	21	9	2	0	Ordinary	Do Do 14 do Do
32794 Kedg.....	4	3	7	1	0	24	7	5	0	0	4	3	0	Do	Do Do 15 do Do
32793 2nd Kedg.....	2	2	14	0	2	20	5	2	2	0	2	2	0	Do	Do Do Do Do

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable. Tons.	Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.
21612	134 1/2	1 3/4	77.2	3.0	210.0	11	270	Steel	James & Lloyd, Aberdeen 24 Sept. 92 S. G. Lewis	90	3	90-3
21619	135.33	1 3/4	55.2	2.0	215.0	19	134	Link	Do Do 4 Oct. Do	Do	Do	Do
75	3 1/2	2 1/2	75	3 1/2	2 1/2	75	3 1/2	Steel Wire, Trans. Bonvic & Co. Glasgow	Do Do	90	2 1/2	90-2 1/2
Towline (if steel wire)	75	3 1/4	22		90-3 1/4	Steel Wire, Salomon Repsolville						

Boats *2 Life boats, Cutter & a Dingy*

Pumps, Number *2* Main & *1* in forepeak

Windlass *Emerson, Walker & Thompson's iron Patent*

Number of Scuppers, and number and dimensions of Freeing Ports *On each side 10 scuppers, 5 ports 2' 1/2" x 1' 8"*

Cargo Hatchways. How formed? *Steel Corings*

State size No. 1 Hatch (Forward) *8' x 8'* No. 2 Hatch *16' x 10'* No. 3 Hatch *8' x 3'*

Number of Web Plates, Shifting Beams, and Fore and Afters to each hatch *No. 1 Hatch 3 have 1 across fore & after*

Bulwarks, Height above deck and description *1' 9" of 5/16 iron*

The above is a correct description.

Builder's Signature (here only) *H. H. Miller* Surveyor's Signature *H. Paulsen*

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

Order for Special Survey No. *562*

Date *1st March 1892*

Order for Ordinary Survey No. *170* in builder's yard.

State dates and initials of letters respecting this case *1892. 27th Feb, 9th May, 21st Oct.*

General Remarks (State quality of workmanship, &c.) *Material & Workmanship Good*

PARTICULARS FOR RECORD IN THE REGISTER BOOK.

Length of Poop *36 1/2* ft. R.Q.D. or Break *At Bridge Dr.* A. Forecastle *26 1/2* ft. (in feet and tenths).

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 *1 Str. 2 Tr. B.*)

Official No. *99860* Signal Letters *Do*

PARTICULARS OF WATER BALLAST. *Not any*

Double bottom, aft, length *Do* and water capacity in tons *Do* Double bottom, amidships, length *Do* and water capacity in tons *Do*

Double bottom, forward, length *Do* and water capacity in tons *Do*

Double bottom, constructed on the cellular system, length *Do* and water capacity in tons *Do*

Fore peak tank, water capacity in tons *Do* After peak tank, water capacity in tons *Do*

Midship deep tank, length *Do* and water capacity in tons *Do* Other tanks, if fitted, length *Do* and water capacity in tons *Do*

The above have been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

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

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated *21st Oct. 1892*

3 ft. 9 1/2 in. In Salt Water

3 ft. 5 1/2 in. In Fresh Water

1 ft. 1 1/2 in. In Winter, in North Atlantic

State if marked on Vessel's sides in accordance with Rules No. 72 printed instructions *Do*

The amount of Entry Fee *£ 4 : -* is received by me *Do*

Special *£ 51 : 7 -* 25/11/18 93

Certificate *£ - : -*

Travelling Expenses, if any *£ 4 : 7 -*

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

Committee's Minute *FRI 25 NOV 1892*

Character assigned *100 A1 Steel*

LACP

1 Str 2 Tr B

100 A1 (Steel)

1 Str. 2 Tr B.

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