

PLATING.										RIVETING.																																																																																																																																									
AS IN SHIP.					PER RULE OR AS APPROVED.					UPPER EDGES.					BUTTS.																																																																																																																																				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		SINGLE OR DOUBLE.		BREADTH OF LAP.		DIAM.		SPACING OR TO OR.		RIVETS.		STRAIPS.		IF LAPPED.																																																																																																																													
Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.																																																																																																																													
FLAT PLATE KEEL		31 1/2	11	9	9	31	11	9	11	Double	5 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2																																																																																																																												
GARBOARD OR A STRAKE		47	11	8	8	46	9	8	9	"	4 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2																																																																																																																												
B "		37 1/2	7	6	6	37	7	6	7	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
C "		46	7	6	6	45	7	6	7	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
D "		45 1/2	8	6	6	44 1/2	8	6	8	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
E "		42	7	6	6	43	7	6	7	Single	2 1/2	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
F "		49	7	6	6	49	7	6	7	Double	4 1/2	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
G "		32 1/2	10	8	8	32	10	8	10	Single	2 1/2	"	"	"	"	"	"	"	"	"	"	"	"																																																																																																																												
H "		Two strakes of plating next garboard																																																																																																																																																	
J "		Strake midship thickness forward																																																																																																																																																	
K "		to collision bulkhead																																																																																																																																																	
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DOUBLING OF PLATE KEEL																																																																																																																																																			
Length of Sheerstrakes		at least 23 ft 6 in										23 ft 7																																																																																																																																							
Thickness of Strake below																																																																																																																																																			
POOP SIDES		6										6																																																																																																																																							
RAISED QUARTER DECK SIDES		5										5																																																																																																																																							
BRIDGE SIDES		5										5																																																																																																																																							
FORECASTLE SIDES		5										5																																																																																																																																							
LENGTHS OF PLATING		8 frame spaces										8 frame spaces																																																																																																																																							
<p>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.?</p> <p>Plates: Steel by of Scotland, Dundee, Messrs. J. & W. Brown, Glasgow, & Messrs. J. & W. Brown, Glasgow, & Messrs. J. & W. Brown, Glasgow.</p> <p>Has the Steel been tested as required by the Rules? <i>Yes</i></p>																																																																																																																																																			
<p>FRAMES extend in one length from centre line to margin plate, thence to D. state if ordinary or joggled. <i>ordinary</i></p> <p>REVERSED FRAMES on floors and frames extend from centre line to margin plate, thence to bilge stringer state if ordinary or joggled. <i>ordinary</i></p> <p>and deck alternately; in way of raised quarter deck to side stringer and deck alternately, double in 2 ft. space bilge to bilge.</p>																																																																																																																																																			
MASTS, SPARS, &c.																																																																																																																																																			
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<p>Boats <i>2 lifeboats</i></p> <p>Pumps, Number <i>2</i> 1 1/2 hold <i>4</i> 1 3/4 top of forepeak Diameter of Barrel <i>4</i> 1/2 State whether they are in efficient working order <i>Yes</i></p> <p>Windlass is of iron, wrought by steam, makers <i>Clarke Chapman & Co. Caperton</i></p> <p>Engine Room Skylights—How constructed? <i>of Iron</i></p> <p>What arrangements for deadlights in bad weather? <i>Iron wire guards & tarpaulin</i></p> <p>Coal Bunker Openings—How constructed? <i>Steel plates & angles</i> How are lids secured? <i>plate, battens & tarp.</i> Height above deck? <i>7</i> 7/8 (out of casing)</p> <p>Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>1 scupper for 2 aft, 3 freeing ports for 1 aft, 3 freeing ports for 1 aft, each 28 x 18</i></p> <p>Ceiling in Holds, thickness and material <i>2 1/2 white pine</i> Ceiling between Decks, thickness and material <i>6 x 2 white pine</i></p> <p>Cargo Hatchways—How formed? <i>Steel plates and angles as per plan</i> Hatches—If strong and efficient? <i>Yes, 2 1/2 solid</i></p> <p>State size No. 1 Hatch (Forward) <i>22</i> 9 x <i>13</i> 11 No. 2 Hatch <i>17</i> 6 x <i>13</i> 11 No. 3 Hatch <i>17</i> 6 x <i>13</i> 11 No. 4 Hatch <i>17</i> 6 x <i>13</i> 11</p> <p>Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>Two web plates in No. 1 hatch and one web plate in No. 2 hatch</i></p> <p>Bulwarks, height above deck and description <i>Steel 40 x 5 1/2 Bull plate stays 6 x 5 1/2, 6 ft. Main Rail and Stays, material and size Bull plate 5 x 2 1/2, 22 x 22, solid, painted</i></p> <p>The above is a correct description. FOR THE DUNDEE SHIPBUILDERS CO., LD.</p> <p>Builder's Signature (here only) <i>ROBERT HOWIE</i> Surveyor's Signature <i>ROBERT HOWIE</i> Surveyor to Lloyd's Register of British and Foreign Shipping.</p>																																																																																																																																																			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *M. 212.01, 9.9.01, 24.9.01, 24.10.01, 11.10.01, 11.10.01, 13.02, 4.3.02 E 28.102*

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 facing surfaces? *Yes.* Do any rivets break into or through the seams or butts of the plating? *a very few.*

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *Yes.* State results of tests *Satisfactory with the exception of pediment at aft end of fore-castle.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes.* State results of tests *Satisfactory.*

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

This vessel has been built in accordance with the approved plans forwarded herewith, the Secretary's letters referred to above, and in general conformity with the Society's Rules and regulations.

The workmanship is good and the materials used in the vessels construction are good.

One report on for gins forwarded herewith.

To complete the Survey the sidehouses on upper deck at after end of fore-castle require to be tested with water, these spaces were tested twice but were found to be leaking on both occasions, the Builders state that they have overhauled same, and that they are now watertight, as the hold was filled up with cargo no opportunity was afforded of having a re-test before the vessel left this port.

The Owners cannot yet tell the vessels movements but they state that the spaces in question will be submitted for examination at the first port of call where a Surveyor is stationed.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *1* ft., R.Q.D. or Break *82* 8 ft., Bridge Dk. *11* 33 ft., F'castle *21* 15 ft. (in feet and tenths) 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

the raised quarter deck is joined to the bridge deck

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 Dk (Scl)*

Official No. *110995*; Signal Letters

How are the surfaces preserved from oxidation? Inside *Cement and paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular system*

Where fitted.		Length.		Water Capacity.		Where fitted.		Length.		Water Capacity.	
		Feet.		Tons.				Feet.		Tons.	
Double bottom, aft.						Fore peak tank,					
Double bottom, under Engines and Boilers.						After peak tank,					
Double bottom, if under Engines only.						Midship-deep tank,					
Double bottom, if under Boilers only.						Other tanks, if fitted,					
Double bottom, forward.		<i>82</i> 25		<i>97</i>		(If necessary, furnish further information by sketch.)					

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules *Yes.*

Order for Special Survey No. *682*

Date *30th August 1901*

No. *136* in builder's yard

DATES OF SURVEYS held while building

1901 Sept 10-17-19-24-26-30 Oct. 3-8-10-12-17-19-22-24-26-29-31. Nov. 2-5-7-12-14-15-19-21-23-26-28-30. Dec. 3-5-7-10-12-16-19-20-24-26-30 1902 Jan. 7-9-11-14-15-17-24-27-29-31. Feb. 3-4-6-12-15-18-21-24-25-29. April 1-2-3-4-5.

Total No. of Visits *65.*

The amount of Entry Fee *£ 2 : 0 : 0* Fees applied for, *4th April 1902*

Special *£ 19 : 2 : 0* Received by me, *28th April 1902*

Travelling Expenses, if any *£*

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *100A1 Well R'd* subject to foot sidehouses

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *TUES. 15 APR 1902*

Character assigned *100A1 Steel*

Spl. put on Cert

Lloyds at 6 P.

WV + L.M.B. 3.02

FRI. FEB. 21. 1913

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