

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.	
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.
FLAT PLATE KEEL	31	11	9	9	31	11	Double	4 1/2	3/4	3
GARBOARD OF A Strake	5 1/2	9	8	9	5 1/2	9	"	"	"	"
B "	5 1/2	7	6	7	5 1/2	7	"	"	"	"
C "	5 1/2	8	7	6	5 1/2	8	"	"	"	"
D "	4 1/2	8	6	6	4 1/2	8	Single	2 1/2	"	"
E "	5 1/2	7	6	6	5 1/2	7	Double	4 1/2	"	"
F "	3 1/2	11	8	8	3 1/2	11	"	"	7/8	3/8
G "										
H "										
I "										
J "										
K "										
L "										
M "										
N "										
O "										
P "										
Double of Flat Plate Keel										
Length and thickness of Bilge										
of Sheerstrakes										
of Strake below										
POOR SIDES	7-6				7-6					
RAISED QUARTER DECK SIDES	5				5					
BRIDGE SIDES	5				5					
FORECASTLE SIDES	5				5					
LENGTHS OF PLATING	Seven 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.?
Sunderland
 Steel Plates:- **S. Durham & Co. Ltd.**
 " Angles:- **Corbitt**
 Iron Plates:- **Nil.**
 Has the Steel been tested as required by the Rules? **Yes**

FRAMES extend in one length from **Centre Line** to **margin plate** & thence to gunwale (state if ordinary or joggled) **Ordinary**
REVERSED FRAMES on floors and frames extend from **Centre Line** to **margin plate** (state if ordinary or joggled) **Ordinary**
 from margin plate to upper bilge stringer & deck alternately in way of main deck.
 from margin plate to hold stringer & deck alternately in way of R.Q.D.

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Head.		Number.	Size.	Seams.	Butts.
Fore	Wood	✓	✓	✓	✓	✓	✓	✓	✓	✓
Main	"	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mizen	"	✓	✓	✓	✓	✓	✓	✓	✓	✓

Topmasts, Yards and Remainder of Spars
Rigging, Material and Size, Shrouds **Galvanized Steel wire 2 1/2". Stays 2"**
Sails. **One** Suit of **setwoon** Sails and the following spare sails

Equipment No. **8110** Letter **g** **Mechanical Steer with 12-03**
ANCHORS **Tonnage U.D. or Plating No. for Trawlers** **26-10-03**

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 22			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
4362	1st Bower	10	7	21	10	7	21	10	7	21	10	7	21	10	7	21
4363	2nd "	9	2	21	9	2	21	9	2	21	9	2	21	9	2	21
4364	3rd "	9	2	14	9	2	14	9	2	14	9	2	14	9	2	14
	Collective weight	29	2	14	29	2	14	29	2	14	29	2	14	29	2	14
18816	Stream	2	2	14	2	2	14	2	2	14	2	2	14	2	2	14
	Kedge	1	3	0	1	3	0	1	3	0	1	3	0	1	3	0

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN			Length and size per Table 22.	Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Twine.	Length and size per Table 22.	
			Supplied.	Per Table 22.	Length.						Diam.	Length.		Diam.	
1774	90' 11/16"	20 3/16	30 3/16	53 0	52 0	90	1 1/2" Shd Galvst & Co. I.P.H.S. 30-11-03	TOWLINE	Shd 75 2 1/2	12 1/2	76 7 1/2	7 1/2	90 5 1/2		
1775	76' 1/16"	20 3/16	30 3/16	53 0	52 0	75	1 1/2" Shd Galvst & Co. I.P.H.S. 30-11-03	HAWSESWARPS	Shd 75 2 1/2	12 1/2	76 7 1/2	7 1/2	90 5 1/2		
Iron Wire	60' 2 1/2"	15 1/2				60	2 1/2" Shd Galvst & Co. I.P.H.S. 30-11-03								

HAWSESWARPS.

Boats. **Two Lifeboats = 10' 9"**
Pumps, Number **One 1/2" Downton & 2 1/2" Jale** Diameter of Barrel of = 6" State whether they are in efficient working order **Yes**
Windlass is **Charles Chapman & Co** **Two steam winches.**
Engine Room Skylights. How constructed? **Plates & angles, 11' 0" above Bridge Deck.**
 What arrangements for deadlights in bad weather? **Wood flaps & bullseyes.**
Coal Bunker Openings. How constructed? **Plates & angles, 11' 0" above Bridge Deck.**
Number of Scuppers, and number and dimensions of Freeing Ports, &c. **1 Scupper each side for 2 each side aft.**
Ceiling in Holds, thickness and material **Under hatchways & at Cargo Batts, thickness and material Pine, for 11' 1/2" aft = 9' 1/2"**
Cargo Hatchways. How formed? **Usual construction, plates & angles.** Hatches. If strong and efficient? **One 2 1/2"**
 State size No. 1 Hatch (Forward) **22' 9" x 12' 6"** No. 2 Hatch **19' 3" x 12' 6"** No. 3 Hatch **No. 4 Hatch**
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch **Two webs in each hatch & three fore**
& afters of wood.
Bulwarks, height above deck and description **A = 3' 6" x 3/16" steel. 7 = 4' 5" x 3/16"** Main Rail and Stays, material and size **Double 3" hollow**
 The above is a correct description. **FOR THE SUNDERLAND SHIPBUILDING CO. LD.**
 Builder's Signature (here only) **Walter R. Morley** Secretary's Signature **J.S. Shute** Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)
M-8th Sep. 1903. M-17th Sep. M-30th Sep. M-22nd Oct. M-31st Oct. E-5th Nov. M-25th Nov.

Workmanship. Are the butts of plating planed or otherwise fitted? **Planed & overlapped** **M-14th Jan. 1904. M-30th Jan.**

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 the plating? **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**

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 constructed in accordance with the approved plans, the Secretary's Letters as mentioned above & in other respects in compliance with the requirements of the Rules. The material & workmanship are good.**

The close ceiling has been fitted under hatchways & at the bilges only. Spar ceiling has been fitted in the holds. See Owner's Letter attached.

The freeboard assigned in the Secretary's Letter dated 22nd Feb. 1904 has been duly marked & verified on the vessel's side.
Sunderland Freeboard Report No. 21676
 The Surveyor should state the Number of Report and Name of any Sister Vessel. **None**

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **✓** ft., R.Q.D. or Break **42.5** ft., Bridge Dk. **52.5** ft., F'castle **18.0** 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

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 Dth Sth & 1 Jth Bth**

Official No. ; Signal Letters State if Machinery is fitted aft. **No**

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

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

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, under Engines and Boilers,	26	32	After peak tank,	-	8
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,	61	83	Other tanks, if fitted,		

(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. 4458
 Date **23. 10. 03**
 No. **222** in builder's yard.

DATES OF SURVEYS held while building
1903- Oct 20 22 25 30 27 Nov 3 4 9 11 12 18 24 26 30 Dec 2 3 8 11 14 15 16
18 22- 1904- Jan 6 8 12 14 19 21 25 27 28 29 30 Feb 13 16 17 18 20 22 24

The amount of Entry Fee £ **2 : 0 : 0** Fees applied for, **27. 2- 1904**
Special £ **22 : 10 : 0** Received by me, **V.D.**
Travelling Expenses, if any £ : : **3. 3- 1904**

State whether the Vessel has been built under Special Survey **Yes**
 I am of opinion this Vessel should be Classed *** 100 A 1 'will Deck'**
 With or without Freeboard, as condition of Class

Committee's Minute **General Committee 10th March, 1904**
Character assigned *** 100 A 1**
Lloyd's R. & C. P. * 100 A 1

This case not entered in G.B. minutes. Secy. has decided not to take any steps **J.S. Shute**

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