

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		IF LAPPED.		
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Triple and for what Length.	RIVETS.	STRAPS.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Inches.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.
FLAT PLATE KEEL.....	36	18	12	12	36	18	Double	6	1	4	3 1/2	14	Whole
(If Bar Keel, state Riveting)													
GARBOARD OR A Strake ..	48	14	11	14	48	14	02	5 1/2	3 1/2	3 1/2	10	10	
B "	60	11	11	9	60	11	02	5 1/2	3 1/2	3 1/2	10	10	
C "	62	12	10	14	62	12	02	5 1/2	3 1/2	3 1/2	10	10	
D "	48	13	10	15	48	13	02	5 1/2	3 1/2	3 1/2	10	10	
E "	54	12	10	12	54	12	02	5 1/2	3 1/2	3 1/2	10	10	
F "	60	12	9	12	60	12	02	5 1/2	3 1/2	3 1/2	10	10	
G "	62	11	9	11	62	11	02	5 1/2	3 1/2	3 1/2	10	10	
H "	60	14	9	9	60	14	02	5 1/2	3 1/2	3 1/2	10	10	
J "	54	15	10	10	54	10	02	5 1/2	3 1/2	3 1/2	10	10	
K "													
L "													
M "													
N "													
O "													
P "													
Q "													
R "													

DOUBLING OF Flat Plate Keel.....

Length and thickness of Bilges.....

Length and thickness of Sheerstrakes.....

Length and thickness of Strake below.....

POOP SIDES.....

BRIDGE SIDES.....

FORECASTLE SIDES.....

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.?

Steel plates. Iron. Malleable. Bolckow Wagon & Co. & Connell Iron Co.

Best English Bolts. Orman Long & Co. & Connell Iron Co.

Has the Steel been tested as required by the Rules? *Yes*

FRAMES extend in one length from *Middle line to tank side thence to gunwale.*

REVERSED FRAMES on floors and frames extend from *Bulk angle frames.*

MASTS, SPARS, &c.

LOWER MASTS.....	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	65-6	18 x 1/2	13 1/2 x 1/2	13 1/2 x 1/2	13 1/2 x 1/2	4	✓	✓	Single	Double
Main	Steel	54-0	18 x 1/2	16 x 1/2	16 x 1/2	16 x 1/2	4	✓	✓	Single	Double
Mizen.....											

Bowsprit.....

Topmasts, Yards and Remainder of Spars.....

Rigging, Material and Size, Shrouds.....

Sails. One complete.....

Suit of.....

Sails, and the following spare sails.....

EQUIPMENT No. 30396. LETTER U.

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	Cwts.	qrs.	Cwts.	qrs.			
327	1st Bower ..	45	3 1/2	45	3 1/2	39	14	30-9-07	Weylons Patent	23-9-07
338	2nd ..	45	3 1/2	45	3 1/2	39	14	30-9-07	Weylons Patent	24-9-07
328	3rd ..	39	1 0	39	1 0	35	5 2 1/4	30-9-07	Weylons Patent	23-9-07
	4th ..									
	Collective weight	130	3 1/2	130	3 1/2	113	0 0			
407	Stream	11	2 1/2	11	2 1/2	13	10 0 0	Common	Weylons Patent	8-10-07
408	Kedge.....	5	2 0	5	2 0	7	16 1 0	02	Weylons Patent	8-10-07

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms and Size per Table 22.
			Test per Certificate.	Per Table 22.								
59	270	1 1/2	44	5 1/2	270-1 1/2	Weylons Patent	30-9-07	Weylons Patent	30-9-07	4	33	105-4

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms and Size per Table 22.
			Test per Certificate.	Per Table 22.								
59	270	1 1/2	44	5 1/2	270-1 1/2	Weylons Patent	30-9-07	Weylons Patent	30-9-07	4	33	105-4

Boats. Two Life Boats (24 feet) and Dingy (18 feet).

Pumps. No. 1 Hatch (Forward) 26-0 x 16-0 No. 2 Hatch 26-0 x 16-0 No. 3 Hatch 26-0 x 16-0 No. 4 Hatch 26-0 x 16-0

Windlass. Emerson Wacker 120 (Steam) Capstan for Chain Winches

Engine Room Skylights. How constructed? Steel plates and angles.

Coal Bunker Openings. How constructed? Steel plates and angles.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Four freeing ports in fore and aft bulkheads.

Ceiling in Holds, thickness and material. 2 1/2 Pine

Ceiling 'tween Decks, thickness and material. 2 1/2 Pine

Cargo Hatchways. How formed? Steel plates and angles.

State size No. 1 Hatch (Forward) 26-0 x 16-0 No. 2 Hatch 26-0 x 16-0 No. 3 Hatch 26-0 x 16-0 No. 4 Hatch 26-0 x 16-0

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Two web plates and three wood for each hatch.

No. of Breasthooks. Eight

No. of Crutches. Three

Bulwarks, height above deck and description. 4 1/2 Steel plates and angles.

Main Rail, material and size. Bulk angle 6 x 3 1/2

The above is a correct description.

Builder's Signature (there only) *Orang Taylor*

Surveyor's Signature *Sease Williams*

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 this case)

19th September 1900, 16th October 1900 and letters of previous vessel

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 plating? *A few at the butts only*

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 steel screw steamer is a similar vessel to the steamer "Dunedin" & "Escalonia" built at Glasgow. No. 2258 & 3115, and has been built in accordance with the approved plans of Midship Section and Profile as amended, the Secretary's letters of the above mentioned date bearing upon the case and in other respects as required by the Rules and circulars for the class contemplated.*

The workmanship is good.

She has a Ridge keel formed of bull 9 1/2 x 1/2 and tie bar 6 x 4 x 1/2 fitted on a length of about one hundred and ten feet.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *32 1/2* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *8 1/4* ft., F'castle *3 1/8* ft. (in feet and tenths). When the Poop 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 deck (steel) 2 tiers of beams (deep framing Bulk angle)*

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 or with girders on floors *Cellular system*

Where fitted.	Length.		Water Capacity.		Where fitted.	Length.		Water Capacity.	
	Feet.	Tons.	Feet.	Tons.		Feet.	Tons.		
Double bottom, aft.	102	193	Fore peak tank,	18	88				
Double bottom, under Engines and Boilers.	20	55	After peak tank,	16	131				
Double bottom, if under Engines only.	✓	✓	Midship deep tank,	✓	✓				
Double bottom, if under Boilers only.	✓	✓	Other tanks, if fitted,	✓	✓				
Double bottom, forward.	134	344	(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. *514*

Date *21.9.00*

No. *81* in builder's yard

DATES OF SURVEYS held while building

1901—Mar. 28, 29, Apr. 2, 3, 11, 15, 17, 18, 22, 23, 25, 30, May 1, 2, 3, 6, 8, 10, 13, 14, 16, 20, 21, 23, 25, 30, 31, June 1, 3, 5, 7, 10, 11, 13, 15, 18, 19, 20, 25, 27, 29, July 4, 5, 9, 11, 16, 19, 23, 25, 29, Aug. 1, 2, 6, 7, 12, 14, 15, 26, 29, Sep. 2, 6, 10, 11, 12, 13, 16, 18, 19, 21, 23, 24, 25, 30, Oct. 3, 8, 10, 11, 14, 18, 22, 25, 29, 30, 31, Nov. 2, 4

Total No. of Visits *86*

The amount of Entry Fee.....£ *5:0:0*

Special Survey Fee.....£ *24:0:6*

Travelling Expenses, if any £.....

Fees applied for, *4 11. 18/0*

Received by me, *4 11. 18/0*

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

I am of opinion this Vessel should be Classed *100 A Steel Larc R*

With, or without Freeboard, as condition of Class *30 R Rule*

Committee's Minute *TUES. NOV 5 1901*

Character assigned *100 A Steel*

Sease Williams

Sease Williams

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