

With or Without  
Disconnecting Sections.

# STEEL STEAMER.

Received at London Office MON. 7 MAY. 1923

Date of completion of report April 27. 1923. Port of Aberdeen.  
Survey held at Aberdeen Date, First Survey Jan 26. 1921. Last Survey April 26<sup>th</sup> 1923.  
State if Report is also sent on the Machinery of the Vessel Yes.

On the (State if Single, Twin, or Triple Screw) SINGLE SCREW. COPTHORNE. Rig Schooner.  
No. 13296.

TONNAGE under Tonnage Deck... 1114.22. CLASS 100.A.1. FEET. Master ✓  
Do. between Tonnage Deck and 2nd and 3rd Dks. ✓  
Total under Upper Dk. 30.39. Breadth (greatest moulded) 35.33. Year of appointment 1923. ✓  
Do. of Poop 88.38. Depth, at middle of length from top of keel to top of upper deck beams at side 18.50. Built at Aberdeen. ✓  
Do. of R.Q. Dk. 101.14. Transverse Number 53.83. When built 1923. Launched 31.3.23. ✓  
Do. of Bridge House 59.15. Length on deck from fore part of stem to after part of stern post 234.0. By whom built John Lewis & Sons Ltd. ✓  
Do. of Forecastle 56.74. Longitudinal Number 12596.22. Owner E. J. Lindley. ✓  
Do. of Houses on Dk. 1450.02. Depth "d," at middle of length (See Secs. 2 & 13) R.Q. Dk. 15.00. Managers London. ✓  
Do. of excess of Hatchways 66.77. Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.64. Residence London. ✓  
Do. above Crown of Engine Room 464.01. " " Beam at side to top of keel 10.40. Port belonging to London. ✓  
Less Engine Room 95.24. Register Tonnage 884.00. Dated Voyage First Entry.

Register Tonnage as cut on Beam 884.00. If Surveyed while Building, Afloat, or in Dry Dock First Entry.

LENGTH on Deck as per Rule 234.0. BREADTH Moulded 35.4. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 15.10. No. of Decks with flat laid one.  
Do. do. do. do. 19.10. No. of Tiers of Beams one.

Moulded depth, ft. 25.6. To Bridge Dk. Round of Upper Dk. Beam, Actual 9. ins.  
Moulded depth, ft. 18.6. To Upper Dk. Dk. Beam, Actual 9. ins.

Dimensions of Ship per Register, Length 234.2. breadth 35.5. depth 16.7.

FRAMING. ME, Angles, or Bars in way of Boat Deck. IN WAY OF BOAT DECK. IN WAY OF BRIDGE. in way of Double Bottoms at Solid Floors. at intermdt. Bkts. of Frames from centre to centre amidships. length to Collision bulkhead in peaks. RAISED QUARTER DECK. PERSEVED FRAME, Angles. in way of Double Bottoms at Solid Floors. at intermdt. Bkts. GIRDERS, depth of girder. GIRDERS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships. in way of Engine and Boiler Spaces. thickness at the ends of vessel. depth at 1/2 the half breadth, as per Rule. height extended at the Bilges. GIRDERS in Cell. Double Bottoms. state if flanged (top & bottom). Spacing of Solid floors. GIRDERS, in Dbl. bottom, dpth. & thknss. Angles, Top. Bottom. to Floors. Brackets at intermdt. frmng. wdth & thknss. GIRDERS, number on each side & thickness. ADDITIONAL GIRDER UNDER ENGINES. state if flanged (top and bottom). Angles (top and bottom). to Floors. GIRDERS, depth (exclusive of flange) and thickness. Angle to Outside Plating. Floors. Brackets at intermdt. frmng. wdth & thknss. Height of Outside Brackets above at bilge. GIRDERS, breadth and thickness of Middle Line Strake. in Engine and Boiler space. ENGINE SPACE. Remainder in Holds. AMS, Upper Deck, Single Angle, Bulb. Angle, Plate, Tee Bulb, or Channel. In way of Long Bridge. Spacing. HATCH END BEAMS. AMS, Second Deck, Single Angle, Bulb. Angle, Plate, Tee Bulb, or Channel. Spacing. RAISED QUARTER DECK, Single Angle, Bulb. Angle, Plate, Tee Bulb, or Channel. Angles on upper edge. HALF BEAMS. AT HATCH ENDS. Spacing. AMS, Poop Deck, Angle, Bulb Angle, Plate. Tee Bulb, or Channel. Angles on upper edge. Spacing. AMS, Bridge Deck, Angle, Bulb Angle, Plate. Tee Bulb, or Channel. Angles on upper edge. HALF BEAMS. Spacing. BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel. Angles on upper edge. Spacing. BOAT DECK = L 32 x 3 x 30 ANGLES 46 APART.

PILLARS. PILLARS In 'tween Deck, size and spacing. Held. ENGINE SPACE. Quarter 'tween Dks. in Hold. KEELSONS & STRINGERS. CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate. Rider Plate. Flat Plate Keel Angles. Horizontal Plates on Floors. Angles or Bulb Angles. SIDE KEELSONS, Number. Angles or Bulb Angles. Plate above floors, for length. Intercoastal Plate, for length. Attached to outside Plating with Angle. BILGE KEELSON, Angles. Intercoastal Plate, for length. Attached to outside Plating with Angle. SIDE STRINGERS, Number. IN FORE PEAK. BULB Angle ON FACE, IN HOLD. Intercoastal Plate, for length. Attached to outside plating with Angle. Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge). br'dth & thickness (in way of Bridge). Angle (clear of Bridge). UNDER BRIDGE. Tie Plate at sides of Hatchways. Deck, \* Iron or Steel, for FULL lng. Thickness (clear of Bridge). (in way of Bridge). Wood Deck, Material & thickness. RAISED QUARTER. Second Deck Stringer Plate, br'dth & thickness. Angles on ditto, No. ONE. Tie Plates outside Hatchways. Deck, \* Iron or Steel, for FULL lng. Wood Deck, Material & thickness. W.T. FLAT AFT. Third Deck Stringer Plate, br'dth & thickness. Angles on ditto, No. BEAMS. L 4 1/2 x 3 x 30. 4 x 3 x 30. Tie Plates outside Hatchways. Deck, Material & thickness. STEEL. 28. STEEL. 28. Poop Deck Stringer Plate, breadth & thickness. Angle on ditto. Tie Plates. Deck, Material and thickness. STEEL. 25 SHEATHED WITH 2 1/2 P.P. Bridge Deck Stringer Plate, br'dth & thickness. Angle on ditto. Tie Plates. Deck, Material and thickness. STEEL. 30. 25 SHEATHED WITH 2 1/2 P.P. Forecastle Deck Stringer Plate, br'dth & thickness. Angle on ditto. Tie Plates. Deck, Material and thickness. STEEL. 30 SHEATHED WITH 2 1/2 P.P. OVER ACCOMMODATION AND IN WAY OF WINDLASS.

AMS, Poop Deck, Angle, Bulb Angle, Plate. Tee Bulb, or Channel. Angles on upper edge. Spacing. AMS, Bridge Deck, Angle, Bulb Angle, Plate. Tee Bulb, or Channel. Angles on upper edge. HALF BEAMS. Spacing. BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel. Angles on upper edge. Spacing. BOAT DECK = L 32 x 3 x 30 ANGLES 46 APART.

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EQUIPMENT No. 12560-97.			LETTER O			ANCHORS.			TONNAGE U. DK. OR PLATING No. FOR TRAWLERS		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.						
6215.	1st Bower ...	28 1 4	STOCKLESS.	27 6 1 0	28 0 0	BYERS TYPE	S. TAYLOR & SONS	G. 25. 11. 20. E. SEEDHOUSE			
6216.	2nd „ ...	28 1 0	„	27 6 1 0	28 0 0	„	„	„			
6217.	3rd „ ...	24 0 0	„	23 17 2 0	24 0 0	„	„	„			
	4th „ ...	„	„	„	„	„	„	„			
	Collective weight.	80 2 4	„	„	80 0 0	„	„	„			
6227.	Stream .....	7 1 8	1 3 16	9 11 2 7	7 0 0	ORDINARY.	„	G. 25. 12. 20.			
6228.	Kedge.....	4 0 12	1 0 18	6 10 0 0	4 0 0	„	„	„			

Particulars of **Drop Test** of Cast Steel Anchors, viz. :—  
 Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	16.1.20	J. DALE.	19.3.20.
2nd „	16.1.24.	„	C. 336. 23.6.19.
3rd „	14.2.9.	„	1132. 16.1.20.
4th „			

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 31.	Length.	Cir.	Length.	Cir.	Length.	Cir.	Length.	Cir.
	Fathoms. Ins.	Tons. Cwts. qrs. lbs.	Supplied. Per Rule.	Fathoms. Ins.					Fathoms. Ins.	Tons. Cwts. qrs. lbs.	Fathoms. Ins.								
3667.	120. 19/16	61.4 43.9	157.1.12 298.2.19	240 19/16	STUD.	S. TAYLOR & SONS	G. 7. 10. 20. E. SEEDHOUSE	TOWLINE	90 3/4	22.	90 3/4								
3668.	120. 19/16	„	153.1.12		„	„	„	HAWSERS & WARPS	90 2 1/4	9 1/2.	90 2 1/4								
Iron Steam Chain Steel Wire	75 Cir. 3 1/2	29 1/2		75 Cir. 3 1/2	S. W. IRE.	HOOD HAGGIE.	N. CLE. 20. 10. 20.	„	90. 2	7.	90. 2.								

**Boats** 2 LIFEBOATS AND 1 DINGHY. **Steering Gear, Steam** HASTIE 6" x 6" **Steering Gear, Hand** DONKIN 4 1/2"  
**Pumps, Number** ONE 5" DOWNTON PUMP + ONE 3" HANDPUMP. Diameter of Barrel 5" x 3" State whether they are in efficient working order **YES**  
**Windlass is** COMBINED STEAM + HAND BY CLARKE CHAPMAN. **Capstan**  
**Engine Room Skylights.**—How constructed? STEEL PLATES + ANGLES. C.I. FLAPS. What arrangements for deadlights in bad weather? **STRONG BULLS EYES.**  
**Coal Bunker Openings.**—How constructed? STEEL PLATES + ANGLES. How are lids secured? **CLEATS + BATTENS.** Height above deck? 7' 0" AND 8' 0".  
 Number of **Scuppers**, and numbers and dimensions of **Freeing Ports, &c.** 3 SCUPPERS EACH SIDE + 3 FREEING PORTS EACH SIDE 3' 3" x 18".  
**Ceiling in Holds**, thickness and material **PLATE FITTED 18" x 20" ON FACE OF TANK SIDE. BRACKETS IN LIEU OF CEILING AS PER SECTION. Cargo Battens**, thickness and material  
**Cargo Hatchways.**—How formed? STEEL PLATES AND ANGLES. **Hatches**, If strong and efficient? **YES. 2 1/2" W. WOOD.**  
 State size **No. 1 Hatch** (Forward) 22' 3" x 19' 2" F. x 22' 10" A. **No. 2 Hatch** 28' 10" x 23' 0" **No. 3 Hatch** 22' 3" x 23' 0" **No. 4 Hatch** 21' 3" x 22' 10" F. x 19' 8" A.  
 Number of **Web Plates, Shifting Beams** and **Fore and Afters** to each Hatch 4. TO NOS 1. 3 + 4. 5. TO NO 2.

**Bulwarks**, height above deck and description **UPPER DECK 3' 6". R. QUARTER DECK 3' 0". STAYS 7' 4" 35. SPACED 6' 0" APART.** **No. of Breasthooks** TWO. **No. of Crutches** DEEP FLOORS.  
 The foregoing is a correct description. **Main Rail**, material and size **BULB ANGLE 6" x 3" x 3/8".**  
 Builder's Signature (here only) *C. C. Wilson* Surveyor's Signature *J. Richardson*  
 Surveyor to Lloyd's Register of Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
 10. 11. 20. E. 15. 11. 20. E. 24. 11. 20. M. 22. 3. 23.

**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? *Frames joggled* 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? *A 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. 26, par. 20)? *Yes* State results of tests *satisfactory.*  
 Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *satisfactory.*

**General Remarks** (State quality of workmanship, &c.)  
*This vessel has been built under Special Survey, and in accordance with the Secretary's letters, the Rules, and approved plans, for the intended class 100. A. 1. The Materials and Workmanship are good.*

*The following approved plans are forwarded herewith :— Midship Section, Profile, and Deck plans, Stern frame and Rudder. Fore end Stiffening, Pumping Arrangement, Masts, together with reports on Screw frame and Rudder.*

*Sheathing on steel deck in way of crew space aft is of "Insulite"*

*The S. S. Maud Llewellyn Abn. Report No 12774 is a sister ship.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
 Plans to be forwarded with F.E. Report showing vessel as built.  
 The amount of Entry Fee ..... £ 5 : 0 : 0. Recs applied for, *May 4. 1923.*  
 Special Survey Fee.... £ 145 : 0 : 0. Received by me, *1/6/23*  
*Travelling Expenses, if any £* : : :  
 State whether the Vessel has been built under Special Survey *Yes.*  
 I am of opinion this Vessel should be Classed *100. A. 1. (cargo battens not fitted)*  
 With, or without Freeboard, as condition of Class *without.*  
 H. H. Certificates to be sent to *Aberdeen* Date of issue *4/6/23*  
*J. Richardson*  
 Surveyor to Lloyd's Register of Shipping.

**Committee's Minute** TUE. 8 MAY. 1923  
**Character assigned** *100A1*  
*Cargo batten not fitted*  
*Lloyd's A & B. O.*  
*ML*  
*+ LMB 423*  
*C.L.*

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



GENERAL REMARKS—(continued).

AFTER PEAK N° 7

ENGINE ROOM 29

BOILER ROOM 63

AFTER PEAK N°

UPPER DECK SHEET

R. Q. D.

BULWARK AFT

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 15.91 ft., R.Q.D. 67.0 ft., Bridge 57.5 ft., Forecastle 22.83 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) One deck (Steel).

Official No. 147472

; Signal Letters

State if Machinery is fitted aft

No.

How are the surfaces preserved from oxidation? Inside

Portland 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.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	55.58	95	Fore peak tank,	14.12	40
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	13.42	36
Double bottom, if under Engines only,	17.25	42	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	17.25	41	Deep tank, forward,	✓	✓
Double bottom, forward, $N^{\circ} 1 = 44.08 = 65 \text{ TONS.}$ $N^{\circ} 2 = 57.5 = 128 \text{ "}$	101.58	203	Other tanks, if fitted, (If necessary, furnish further information by sketch.)	✓	✓
Total capacity of double bottom		381			

\* 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. 1678.

Date 15-11-20.

No. 94.

in builder's yard.

DATES OF SURVEYS  
held while building

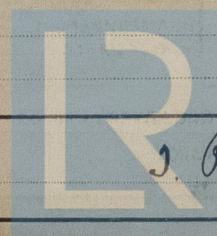
1921. JAN. 26. FEB. 8. 14. 19. 24. MAR. 11. 17. 26. 30. APR. 11. 20. 28. MAY 12. 27. JUNE 6. 17. JULY 21. 28. AUG. 26. OCT. 14. NOV. 3.  
1922. FEB. 20. MAY 19. JUNE 12. 29. JULY 4. 21. AUG. 4. 29. SEP. 28. OCT. 4. 24. 30. NOV. 3. 14. 17. 24. DEC. 5. 15. 19. 22. 28.  
1923. JAN. 6. 10. 20. 23. 29. FEB. 9. 6. 9. 12. 13. 19. 23. MAR. 2. 6. 13. 20. 26. 27. 28. 31. APR. 3. 6. 13. 19. 23. 26.

Total No. of Visits

68.

Surveyor's Signature

J. Richardson



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