

Shelter Deck, or Awning Deck.

STEEL STEAMER.

No. 27058

Port of SUNDERLAND Date of completion of Report 18 SEP 1917 Received at London Office WED 19 SEP 1917
Survey held at SUNDERLAND Date, First Survey 5th Sept 1916 Last Survey 15th September 1917
On the Steel Steam Ship **ADMIRAL COCHRANE** Rig SCHOONER
CLASS 100 A.1.
Master D. ROBERTSON
Year of Appointment (1) As Master in service of owner of present vessel - 1917
(2) As Master of this vessel - 1917
Built at SUNDERLAND
When built 1916-1917 Launched Mar. 19th 1917
By whom built Messrs. William Doxey & Son Ld.
Owners Brown Steamship Co. Ld.
Managers Do.
(Where necessary to be entered in Reg. Book.)
Residence HOLLAND HOUSE, Bury St. LONDON E.C.
Port belonging to LONDON
Destined Voyage NOT STATED
Surveyed while Building, Afloat, or in Dry Dock UNDER SPECIAL SURVEY

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
420	0		53	9		34.4	37	0	4 1/2	Two	Two
Dimensions of Ship per Register, Length 420.0 breadth 54.0 depth 34.4											
FRAMING.											
FRAME, <u>Angled</u> Bars, amidships	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule	Inches per Rule	Inches per Rule	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	12 3/4	8 1/2	56 1/2	12 3/4	8 1/2	56 1/2	7	3 1/2	44		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
Do. in way of Double Bottoms at intermdt. Bkts	3 1/2	3 1/2	40	3 1/2	3 1/2	40					
Spacing of Frames from centre to centre amidships	26			26							
length to collision bulkhead	26			26							
of Frames from centre to centre in peaks	24			24							
REVERSED FRAME, Angles.											
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
at intermdt. Bkts	7 1/2	3	40	7 1/2	3	40					
RAMING, depth of girder											
depth and thickness of Floor Plate at mid-line for 1/2 length amidships	12			12							
in way of Engine and Boiler spaces	CELLULAR			CELLULAR							
thickness at the ends of vessel	BOTTOM			BOTTOM							
depth at 1/2 the half-bdth. as per Rule											
height extended at the Bilges											
LOORS & BRACKETS, in Cell Dble Bottoms											
state if flanged (top & bottom)	NO			NO							
spacing	78			78							
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness											
Angles, Top	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
to Floors	5 1/2	5 1/2	66 1/2	5 1/2	5 1/2	66 1/2					
SIDE GIRDERS, number and thickness											
state if flanged (top & bottom)	NO			NO							
Angles	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
SIDE PLATE, depth (exclusive of flange) and thickness											
Angles to outside plating	4	4	48	4	4	48					
to floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42					
Height of Brackets above at bilge	35			35							
thickness of Middle Line Strake	44	52	56 1/2	44	52	56 1/2					
thickness in Engine and Boiler space	2 1/2	1 1/2	50	2 1/2	1 1/2	50					
Remainder in Holds	40			40							
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge	8 1/2	3	59	8 1/2	3	59					
Spacing	26			26							
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge	9 1/2	3 1/2	43 1/2	9 1/2	3 1/2	43 1/2					
Spacing	26			26							
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
MS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
PILLARS.											
PILLARS, in 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Hold	4 1/2	4 1/2	60	4 1/2	4 1/2	60					
Quarter, 'tween Dks.											
in Hold											
KEELSONS AND STRINGERS.											
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate											
Rider Plate											
Flat Keel Plate Angles											
Horizontal Plates on Floors	CELLULAR			CELLULAR							
Angles or Bulb Angles	BOTTOM			BOTTOM							
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											
Angle											
Intercoastal Plate, for lng.											
Attached to outside plating with Angle											
Awning or Shelter Deck Stringer Plates, breadth and thickness											
Angle on ditto	58	58	58	58							
Tie Plates, fore and aft, outside Hatchways	5 1/2	60	5 1/2	60							
Deck, Iron or Steel, for full lng.	42			42							
Wood Deck, Material & thickness											
Upper Deck Stringer Plate, breadth and thickness											
Angles on ditto, No. TWO	54	46	54	46							
Tie Plates, outside Hatchways	3 1/2	48	3 1/2	48							
Deck, Iron or Steel, for full lng.	36			36							
Wood Deck, Material & thickness											
Second Deck Stringer Plates, breadth & thickness											
Angles on ditto, No.											
Tie Plates, outside Hatchways											
Deck, Material and thickness											
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness											
Angles on ditto, No.											
Tie Plates, outside Hatchways											
Deck, Material and thickness											
Poop Deck Stringer Plate, breadth & thickness											
Angles on ditto											
Tie Plates											
Deck, Material and thickness											
Bridge Deck Stringer Plate, breadth & thickness											
Angle on ditto											
Tie Plates											
Deck, Material and thickness											
Forecastle Deck Stringer Plate, breadth & thickness											
Angle on ditto											
Tie Plates											
Deck, Material and thickness											

Form No. 1B. WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. THICKNESS OF STRAKE. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A&B Table 22. Speed. Main-Piece, diameter at head. at heel. RUDDER, how constructed. Thickness of Single Plate. Can the Rudder be unshipped afloat? 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.? Has the Steel been tested as required by the Rules? RIVETING. BUTTS. PLATE PLATE KEEL. GABBOARD OF A STRAKE. B. C. D. E. F. G. H. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. THICKNESS OF STRAKE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DBLG. OF Flat Plate Keel. Sheerstrakes. Length and thickness. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Lower Masts. Main Mast. Mizen Mast. Dowspit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails. No sails fitted. Suit of. Sails, and the following spare sails.

EQUIPMENT No. 37500 LETTER Z. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Are the rivets properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The Secretary's Letter dated 11th April 1917 is stated above and otherwise in accordance with the Rules for the class contemplated. The materials and workmanship are good. The specifications assigned by the Committee have been marked on the plans of the vessel and verified. The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With or without Freeboard, as condition of Class. Committee's Minute. Character assigned. TUE 25 SEP 1917. 10001. Sheen DR with fhd. Lloyd's A & B. P. Lmb 9.17. 7 D.

GENERAL REMARKS—(continued).

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PARTICULARS FOR RECORD in the REGISTER BOOK. *COMPLETE SHELTER DECK WITHOUT TONNAGE OPENINGS*
 Length of Poop ft., R.O.D. ft., Bridge ft., Forecastle 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 ON PL. AND SHELTER ON PL. 2 TIR BMS.
 Official No. 140327; 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.~~

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	132.16	363	Fore peak tank,		109
Double bottom, under Engines and Boilers,	39.0	166	After peak tank,		123
Double bottom, if under Engines only,	-	-	Deep tank, aft,	26.0	486
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	19.5	776
Double bottom, forward,	186.33	622	Other tanks, if fitted, <i>Open Water Tank in DOUBLE BOTTOM</i>	6.5	28
Total capacity of double bottom	357.49	1151	(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. 5266
 Date 27.11.16.
 No. 511 in builder's yard.
 DATES OF SURVEYS held while building
1916. Sep. 5. 11. 18. 22. 28 Oct. 12. 18. 28. Nov. 1. 7. 11. 16. 22. 30. Dec. 4. 6. 11. 15. 19. 28.
1917. Jan. 5. 10. 22. 23. 25. 29. Feb. 9. 14. Mar. 5. 15. 23. 29. Apr. 5. 16. 19. 20. 24. 27. 30. May 2. 4. 8. 12. 18. 23.
June 7. 4. 16. Sep. 6. 13.

Surveyor's Signature *J. Allan* Lloyd's Register Foundation
 Total No. of Visits 50