

# With or Without Disconnected Erections.

## STEEL STEAMER.

MON. NOV. 25. 1912  
Received at London Office

Date of completion of report 23<sup>rd</sup> November 1912. Port of SUNDERLAND No. 25504  
Survey held at Sunderland Date, First Survey 27 March Last Survey 23<sup>rd</sup> Nov 1912  
On the (State if Single, Twin, or Triple Screw) Single Screw Steamer COVE Rig NIL  
TONNAGE under 2427.15 CLASS 100 A1 Master T. Haward  
Tonnage Deck... 54.54 Breadth (greatest moulded) 45.0 Year of appointment 1905  
Do. between Tonnage Dk. & 3rd and 4th Dk. 10.35 Depth, at middle of length from top of keel to top of upper deck beams at side 23.12 (1) As Master in service of owner of present vessel:—1905  
Total under Upper Dk. 34.49 Transverse Number 68.12 (2) As Master of this vessel:—1912  
Do. of Poop 28.46 Length on deck from fore part of stem to after part of stern post 312.0 Built at Sunderland  
Do. of R.O. Dk. 33.84 Longitudinal Number 21253 When built 1912 Launched 24<sup>th</sup> Oct /12  
Do. of Bridge House 27.34.50 Depth "d," at middle of length (See Secs. 2 & 13) 19.96 By whom built S. P. Austin & Son, Ltd  
Do. of Forecastle 33.84 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.49 Owners Wm Cory & Son, Ltd  
Do. of Houses on Dk. 81.70 Less above Crown of Engine Room 33.84 Managers Residence 52 Mark Lane London E.C.  
Do. of excess of Hatchways 2618.93 Less Engine Room 875.04 Port belonging to London  
Do. above Crown of Engine Room 181.01 Less Navigation Spaces 1596.75 Destined Voyage London Surveyed while Building Afloat, or in Dry Dock Special

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
312 0			45 0			20 10 1/2			one
Moulded depth, ft. 23 ins. 1 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 11 ins.									
Dimensions of Ship per Register, Length 312.5 breadth 45.3 depth 20.85 Moulded depth, ft. 23 ins. 1 1/2 To Upper Dk. Dk. Beam, Actual 11 ins.									
FRAMING.						PILLARS.			
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro.	Inches per Rule ved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, or Bars amidships	10	3 1/2	46	10	3 1/2	PILLARS, In 'tween Deck, size and spacing	2 7/8	48	2 7/8 48
Do. in peaks	6	3	40	6	3	" " Hold	4 1/2	48	4 1/2 48
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	" " Quarter 'tween Dks.,	-	-	-
" " at intermdt. Bkts.	-	-	-	-	-	" " in Hold	DEEP	SIDE	BRACKETS
Spacing of Frames from centre to centre amidships	24	-	-	24	-	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	24	-	-	24	-	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " in peaks	24	-	-	24	-	" Rider Plate			
REVERSED FRAME, Angles, on floors only	3 1/2	3 1/2	36	3 1/2	3 1/2	" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	-	-	-	-	-	" Horizontal Plates on Floors			CELLULAR
" " at intermdt. Bkts.	-	-	-	-	-	" Angles or Bulb Angles			DOUBLE
FRAMING, depth of girder	10	-	-	10	-	" SIDE KEELSONS, Number			BOTTOM
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	3 1/2	7/16	34	7/16	34	" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces	3 1/2	7/16	34	7/16	34	" Plate above floors, for length			
" thickness at the ends of vessel	-	38	-	38	-	" Intercoastal Plate, for length			
" depth at 1/2 the half breadth, as per Rule	-	-	-	-	-	" Attached to outside Plating with Angle			
" height extended at the Bilges	STRAIGHT	-	-	-	-	BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms	34	-	-	34	-	" Intercoastal Plate for length			
" state if flanged (top & bottom)	NOT	FLANGED	-	-	-	" Attached to outside Plating with Angle			
" Spacing of Solid floors	24	-	-	24	-	SIDE STRINGERS, Number	THREE	SIDE	STRINGERS
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	38	48	38	48	-	" Angle	AT	FORE	END
" Angles, Top	4 1/2	4 1/2	50	4 1/2	50	" Intercoastal Plate, for length	HOLD	ONLY	SEE
" Bottom	4	4	56	4	56	" Attached to outside plating with Angle	PROFILE	-	-
" to Floors	3 1/2	3 1/2	36	3 1/2	36	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	52	66	40
" Brackets at intermdt. frmg., wdth & thcknss	-	-	-	-	-	" " " " (br'dth & thickness) (in way of Bridge)	52	58	52 58
SIDE GIRDERS, number on each side & thickness	2	34	2	34	-	" " " " Angle (clear of Bridge)	6	6	60
" state if flanged (top and bottom)	NOT	FLANGED	-	-	-	" " " " Tie Plate at sides of Hatchways	-	-	-
" Angles (top and bottom)	3 1/2	3 1/2	36	3 1/2	36	" Deck * Iron or Steel, for full lng.	60	30	60 30
" to Floors	3	3	34	3	34	" Thickness (clear of Bridge)	60	30	60 30
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	40	3 1/2	40	-	" " " " (in way of Bridge)	60	30	60 30
" Angles to Outside Plating	3 1/2	40	3 1/2	40	-	" Wood Deck. Material & thickness	-	-	-
" Floors	3 1/2	36	3 1/2	36	-	Second Deck Stringer Plate, br'dth & thickness	-	-	-
" Brackets at intermdt. frmg., wdth & thcknss	-	-	-	-	-	" Angles on ditto, No.	-	-	-
" Height of Outside Brackets above at bilge	33	-	-	33	-	" Tie Plates outside Hatchways	-	-	-
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	38	44	38	44	-	" Deck * Iron or Steel, for lng.	-	-	-
" in Engine and Boiler space	44	8 1/16	44	8 1/16	-	" Wood Deck. Material & thickness	-	-	-
" Remainder in Holds	IRON	8 1/16	IRON	8 1/16	-	Third Deck Stringer Plate, br'dth & thickness	-	-	-
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	" Angles on ditto, No.	-	-	-
" In way of Long Bridge	7 1/2	3	42	7 1/2	3	" Tie Plates, outside Hatchways	-	-	-
" Spacing	24	-	-	24	-	" Deck * Material and thickness	-	-	-
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	Fourth and Fifth Deck Stringer Plate, breadth & thickness	-	-	-
" Spacing	-	-	-	-	-	" Angles on ditto, No.	-	-	-
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	" Tie Plates outside Hatchways	-	-	-
" Angles on upper edge	-	-	-	-	-	" Deck. Material & thickness	-	-	-
" Spacing	-	-	-	-	-	Poop Deck Stringer Plate, breadth & thickness	30	32	30 32
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3 1/2	50	7 1/2	3 1/2	" Angle on ditto	3	3	32 32
" Angles on upper edge	-	-	-	-	-	" Tie Plates	8	32	8 32
" Spacing	48	-	-	48	-	" Deck. Material and thickness	3	PITCH	PP
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	42	7 1/2	3	Bridge Deck Stringer Plate, br'dth & thickness	44	38	44 38
" Angles on upper edge	-	-	-	-	-	" Angle on ditto	3	3	36 36
" Spacing	24	-	-	24	-	" Tie Plates	-	-	-
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	52	9	3 1/2	" Deck. Material and thickness	STEEL	30	30
" Angles on upper edge	-	-	-	-	-	Forecastle Deck Stringer Plate, br'dth & th'kns	-	-	-
" Spacing	48	-	-	48	-	" Angle on ditto	3	3	32 32
						" Tie Plates	-	-	-
						" Deck. Material and thickness	28	STEEL	SHARPENED WITH 3 PP



EQUIPMENT No. 21931										LETTER C										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS.										PLATING No. FOR TRAWLERS.									
Number of Certificate.		Anchors.		WEIGHT, <sup>NET</sup> 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.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.																										
15884	1st	Bower	...	42	2	0	Stockless	37	10	0	42	-	-	-	Byon	Stockless	not stated	Sid	15/12	L. Haffner	-	-	-																										
15849	2nd	"	...	42	1	4	do	37	8	0	14	42	-	-	do	-	do	-	-	-	-	-	-																										
15851	3rd	"	...	35	3	14	do	33	0	2	14	35	2	0	do	-	do	-	-	-	-	-	-																										
	4th	"	...																																														
	Collective weight			120	2	21						119	2	0																																			
15960	Stream	...		11	1	0	2	3	14	13	2	2	0	11	0	0	Common	S. Taylor & Sons	Sid	9/12	L. Haffner	-	-																										
15961	Kedge	...		5	1	4	1	1	14	4	14	0	4	5	1	0	do	do	-	-	-	-	-																										
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.		Length and size per Table 31.																											
Fathoms.	Diam.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Fathoms.	Diam.	Fathoms.	Diam.	Fathoms.	Diam.	Fathoms.	Diam.	Fathoms.	Diam.	Fathoms.	Diam.																											
5840	140	1 7/8	63 1/2	88 1/2	432	1.14	425	1.0	240	1 1/2	Steel	S. Taylor & Sons	Sid	9/12	L. Haffner	TOWLINE	100	4	33	100	4	33																											
																	HAWSERS & WARPS	180	2 1/2	12 1/2	180	7	1																										
																			180	2 1/4	9 1/2	180	6	1																									
Iron Stream Chain	75	1 1/8	22 1/2	34 1/2	44	2.16	46	2.6	45	1 1/2	Steel	do	-	-	-	-																																	
Boats 2 life boats, 1 dinghy Steering Gear, Steam Montevideo & Co. Steering Gear, Hand Crawford & Co.																																																	
Pumps, Number two Diameter of Barrel 6" & 3" State whether they are in efficient working order Yes.																																																	
Windlass is Emerson Walker Thompson Bros direct steam Capstan NIL																																																	
Engine Room Skylights.—How constructed? Steel plates & angles What arrangements for deadlights in bad weather? Strong flaps, hull covers.																																																	
Coal Bunker Openings.—How constructed? Steel plates & angles How are lids secured? Taraulins & battens Height above deck? 1' 3"																																																	
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 8 scuppers each side, 8 ports 2' 10" x 1' 9" 12 ports 2' 6" x 1' 0" on each side																																																	
Ceiling in Holds, thickness and material. 2 1/2" tow over bulges only Cargo Battens, thickness and material. 2" 10" W.																																																	
Cargo Hatchways.—How formed? Steel plates & angles Hatches, If strong and efficient? Solid. 3"																																																	
State size No. 1 Hatch (Forward) 38' 0" x 28' 0" No. 2 Hatch 25' 0" x 28' 0" No. 3 Hatch 17' 0" x 28' 0" No. 4 Hatch 44' 0" x 28' 0" No. 5 Hatch 44' 0" x 28' 0"																																																	
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 web plates in No. 1, 2 & 4 & 3 web plates in No. 3																																																	
5 fore tapers in each hatch No. of Breasthooks 3 and deck No. of Crutches deep floors																																																	
Bulwarks, height above deck and description 3' 11" 1/2" steel plates, 7 1/2" built up Main Rail, material and size 5" steel patent section																																																	
The foregoing is a correct description. For B. P. Austin & Son, Limited, Surveyor's Signature Thos Shaw & J. Allan																																																	
Builder's Signature (here only) Wm. P. Austin Surveyor to Lloyd's Register of British and Foreign Shipping.																																																	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																																	
M 19/12/11 21/3/12 E 24/2/12 DIRECTOR																																																	
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? Joggled plating 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 Good																																																	
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests good.																																																	
General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans, the Secretary's letters and otherwise in general conformity with the Rules.																																																	
The materials & workmanship are good.																																																	
The steel hawsers are supplied at owners request																																																	
Approved plans (4 in No) are forwarded herewith																																																	
The Surveyor should state the Number of Report and Name of any Sister Vessel.																																																	
The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 23. 11. 1912																																																	
Special Survey Fee £ 90 : 9 : 6 Received by me, 29. 11. 1912																																																	
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 A1																																																	
With, or without Freeboard, as condition of Class without																																																	
Committee's Minute TUE. NOV 26. 1912																																																	
Character assigned 100 A1																																																	
Lloyd's & D.C.P.																																																	
+ L.M.B. 11.12																																																	



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 23 ft., R.Q.D. ☒ ft., Bridge 60 ft., Forecastle 28 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated the Poop is not joined to the Bridge

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) 1dk (stl)

Official No. 135,160; 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 cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>100</u>	<u>268</u>	Fore peak tank,		<u>170</u>
Double bottom, under Engines and Boilers,	<u>42</u>	<u>166</u>	After peak tank,		<u>145</u>
Double bottom, if under Engines only,	<u>✓</u>		Deep tank, <u>in machinery space, portside</u>	<u>12</u>	<u>80</u>
Double bottom, if under Boilers only,	<u>✓</u>		Deep tank, <u>forward, do - starboard</u>	<u>14</u>	<u>105</u>
Double bottom, forward,	<u>112</u>	<u>366</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>800</u>	(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. 5011

Date 23 12 11

No. 265 in builder's yard.

DATES OF SURVEYS  
held while building

1912 Mar. 27 Apr. 2, 12, 17, 19 May 7, 16, 24, 31 Jun. 4, 13, 17, 20, 25 Jul. 2, 4, 10, 15, 17, 22, 26  
Jul. 2, 4, 10, 15, 17, 22, 26 Aug. 7, 21, 29 Sep. 5, 11, 16, 20, 25, 26, 28 Oct. 1, 3, 4, 8, 10, 16, 17, 22, 23  
Nov. 2, 5, 8, 12, 14, 20, 21, 23

Surveyor's Signature

Thos Shaw & Co

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Total No. of Visits 53

Register  
Foundation