

Received from

11 JAN. 1902

TUES. 14 JAN 1902

596
No. 19535

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes.*

Received at London Office

Date of completion of Report *11th January 1902*

Port of *Glasgow*

Date, First Survey *13th March*

Last Survey *14th Dec.* 1901

Survey held at *Annan*
On the

TWIN S.S. "SEACOMBE."

Rig *✓* *19/12/01 see Log Bk. 51051*

TONNAGE under Tonnage Deck..}	548.26
Do. of Poop	✓
Do. of Raised Qr. Dk. or Break..}	✓
Do. of Bridge House	✓
Do. of Forecastle	✓
Do. of Houses on Deck	1.5
Do. of excess of Hatchways	✓
Do. above Crown of Engine Room ..}	39.04
Gross Tonnage	588.8
Less Crew Space	28.26
Less above Crown of Engine Room ..}	39.04
TONNAGE FOR FEES ..	570.7
Less Engine Room	489.65
Less Navigation Spaces	28.26
Register Tonnage as cut on Beam ..}	64.89

ONE OR TWO DECKED VESSEL.
CLASS \boxtimes 100 A.—

Half Breadth (moulded)	25.0
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	14.04
Girth of Half Midship Frame (as per Rule)	33.08
1st Number	72.12
Length on deck from after part of stem to fore part of stern post	138.88
2nd Number	10016
Proportions—Breadths to Length	2.77
Depths to Length—Main Deck to top of Keel	10.08
Destined Voyage <i>Liverpool</i>	

Master

Year of appointment (1) As master in service of owner of present vessel:—19
(2) As master of this vessel:—19

Built at *Annan*

When built *1901.12* Launched *5th Oct. 1901*

By whom built *Cochran & Co. Annan Ltd*

Owners *Wallasey Urban District Council*

Managers (Where necessary to be entered in Reg. Book).
Residence *Birkenhead*

Port belonging to *Liverpool*

LENGTH on Deck as per Rule	Feet. 140	Inches. 0	BREADTH—Moulded	Feet. 50	Inches. 0	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet. 12	Inches. 0	No. of Decks with Flat laid <i>one.</i>
Dimensions of Ship per Register, Length, <i>140'</i> breadth, <i>50 3/10</i> depth, <i>12'</i> Moulded Depth, <i>12' ft. 8" ins.</i> Round of Beam, Actual <i>8</i> ins.									

FRAMING.	Inches in Ship.		20ths per Rule Or as Appro.		Inches per Rule Or as Appro.		20ths per Rule Or as Appro.		FORGINGS AND CASTINGS.	Inches in Ship.		Inches per Rule Or as Approved.			
	Inches in Ship.	Inches in Ship.	20ths per Rule Or as Appro.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	20ths per Rule Or as Appro.	Inches in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	Inches per Rule Or as Approved.				
FRAME, Angles, L, C or L Bars, for 2/3 length amidships	4	3	7	4	3	7			KEEL, Bar or Side Plates depth and thickness	6 3/4 x 2 1/2	6 3/4	3 1/2			
Do. for 1/2 at each end	4	3	6	4	3	6			STEM, moulding and thickness	6 3/4 x 2 1/2	6 3/4	3 1/2			
Do. in way of Double Bottoms at Solid Floors ..	✓								STERN-POST for Rudder do. do.	6 3/4 x 2 1/2	6 3/4	3 1/2			
Do. in way of Double Bottoms at Solid Floors ..	✓								for Propeller	4 1/2	4 1/2				
Spacing of Frames from centre to centre		21		21					MAIN PIECE of Rudder, diameter at head ...	4 1/2	4 1/2				
REVERSED FRAME, Angles	3	3	7	3	3	7			do. at heel ...	2 3/4	2 3/4				
DEEP FRAMING, depth of girder	✓								RUDDER, how constructed <i>Plated</i>						
FLOORS, depth and thickness of Floor Plate at mid-line for 2/3 length amidships		20	8	20	8				Can the Rudder be unshipped afloat? <i>Yes.</i>						
Do. in way of Engines and Boilers			9 5/10		9 5/10				KEELSONS AND STRINGERS.						
Do. thickness at the ends of vessel									CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	32	9	32	9		
Do. depth at 2/3 the half breadth, as per Rule ..									do. Rider Plate	9	9	9	9		
Do. height extended at the Bilges									do. Bulb Plate to Intercoastal Keelson	✓					
FLOORS & BRACKETS, in Cell Dble Bottoms	✓								do. Horizontal Plates on Floors	11	9	11	9		
Do. state if flanged (top & bottom)	✓								do. Angles	4	3	6	4	3	6
Do. Spacing	✓								SIDE KEELSON, Angles	4	3	6	4	3	6
CENTRE GIRDER, in Double Bottom, depth and thickness	✓								do. Bulb or Plate above floors for lng.	✓					
Do. Angles, Top	✓								do. Intercoastal Plate for length	✓					
Do. Bottom	✓								do. Attached to outside plating with Angle ..	✓					
SIDE GIRDERS, number on each side & thickness	✓								BULGE KEELSON, Angles	4	3	6	4	3	6
Do. state if flanged (top & bottom)	✓								do. Bulb or Plate above floors for 3/5 lng.	9	8	9	8		
Do. Angles ..	✓								do. Intercoastal Plate for length	✓					
MARGIN PLATE, depth (exclusive of flange) and thickness	✓								do. Attached to outside plating with Angle ..	✓					
Do. Angles to Outside Plating	✓								BILGE STRINGER Angles	✓					
Do. Floors	✓								do. Bulb Plate for length	✓					
Do. Height of Floors at the Bilges	✓								do. Intercoastal Plate for length	✓					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓								do. Attached to outside plating with Angle ..	✓					
Do. thickness in Engine and Boiler space	✓								SIDE STRINGER Angles	✓					
Do. Remainder in Holds	✓								do. Bulb or Intercoastal Plate for lng.	✓					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓	5	9	7	5	9			do. Attached to outside plating with Angle ..	✓					
Do. Angles on Upper Edge	✓								Main and Raised Quarter Deck Stringer Plate, breadth and thickness	36	8	36	8		
Do. Spacing	✓	42		42					do. Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓								do. Tie Plates, outside Hatchways	19	8	19	8		
Do. Angles on Upper Edge	✓								do. Diagonal Tie Plates on Bms., No. of Pairs	✓					
Do. Spacing	✓								do. Main Dk* Iron or Steel for lng.	✓					
BEAMS, Hold, Plate or Tee Bulb	✓								do. R. Q. Dk* Iron or Steel for lng.	✓					
Do. Angles on Upper Edge	✓								do. Wood Deck, Material & thickness <i>pitch pine 4"</i>			4			
Do. Spacing	✓								Lower Deck Stringer Plate, breadth and thickness ..	✓					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓								do. Angles on ditto, No.	✓					
Do. Angles on Upper Edge	✓								do. Tie Plates, outside Hatchways	✓					
Do. Spacing	✓								do. Deck* Material and thickness	✓					
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	✓								Hold Stringer Plate	✓					
Do. Angles on Upper Edge	✓								do. Angles on ditto, No.	✓					
Do. Spacing	✓								Poop Deck Stringer Plate, breadth & thickness ..	✓					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓								do. Angle on ditto	✓					
Do. Angles on Upper Edge	✓								do. Tie Plates	✓					
Do. Spacing	✓								do. Deck, Material and thickness	✓					
PILLARS, In 'tween Decks, Size and Spacing	✓								Bridge or Pt. Awng Deck Stringer Plate, breadth and thickness ..	✓					
Do. Hold	✓	3/4		3/4					do. Angle on ditto	✓					
Do. Quarter, 'tween Dks., " " ..	✓								do. Tie Plates	✓					
Do. in Hold	✓	3/4		3/4					do. Deck, Material and thickness	✓					
WEB FRAMES, In Fore Body, No. and Spacing	✓								Forecastle Deck Stringer Plate, brdth & thekns	✓					
Do. Brdth. & Thickness	✓								do. Angle on ditto	✓					
Do. No. of Side Stringers ..	✓								do. Tie Plates	✓					
WEB FRAMES, In E. & B. Space, No. & Spacing	✓								do. Deck, Material and thickness	✓					
Do. Brdth. & Thickness ..	✓								BULKHEADS.						
Do. No. of Side Stringers ..	✓								In Vessel.						
Do. Size of Angles or Tee Bars to Web Frames	✓								Per Rule.						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	✓								Thickness.						

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.		Ordinary as approved?				IF LAPED.						
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to or.	Double or Treble and for what Length.	RIVETS.	STRAPS.	IF LAPED.			
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32 3/4	12	9	9	32	12	Double	4 1/2	3/4	3	Treble	3/4	2.7	14 1/2	14	-	-
GARBOARD OF A STRAKE		9	8	8	9	8	do	4 1/2	3/4	3	whole length	3/4	-	-	-	7 1/2	Whole
B "		7	6	6	7	6	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
C "		8	7	7	8	7	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
D "		7	6	6	7	6	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
E "		8	7	7	8	7	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
F "		7	6	6	7	6	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
G "		9	8	8	9	8	Single	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
H "		8	7	7	8	7	Double	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
J "		8	7	7	8	7	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
Sheer K "	34	10	8	8	34	10	do	4 1/2	3/4	3		3/4	-	-	-	7 1/2	
L "																	
M "																	
N "																	
O "																	
P "																	
DOUBLING OF FLAT PLATE KEEL																	
Length and thickness of Bilges																	
Length and thickness of Sheerstrakes																	
Length and thickness of Strake below																	
POOP SIDES																	
RAISED QUARTER DECK SIDES																	
BRIDGE SIDES																	
FORECASTLE SIDES																	
LENGTHS OF PLATING	about 13 ft.																

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.?
Wearside Steel Co. Ltd. Siemens-Martin process
Consell's Iron Co. Ltd. acid open heart process
Steel Co. of Scotland process
 Has the Steel been tested as required by the Rules? *Yes.*

Main Stringer Plate Butts, treble riveted for *1/2* length amidship.
 Straps, *single, double or* overlapped for *whole* length amidship.
 Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *treble*
 Inner Bottom Plating, riveting of Edges *Butts*
 Centre Girder Butts, *✓* riveted. Keelson Butts, *✓* riveted.
 Frames, riveted through Plates with *3/4"* in Rivets, about *5 1/4"* apart.
 Rivets, state whether of Iron or Steel. *Steel.*

FRAMES extend in one length from *Centre line* to *longitudinal B.W. & then to deck*, state if ordinary or joggled *ordinary*
 REVERSED FRAMES on floors and frames extend from *centre line to Bilge & deck alternately*, state if ordinary or joggled *ordinary*

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	<i>None</i>										
Main											
Mizen											

Bowsprit
 Topmasts, Yards and Remainder of Spars *None*
 Rigging, Material and Size, Shrouds *None* Stays *None*
 Sails. *None* Suit of *✓* Sails and the following spare sails. *None*

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.			
22584	1st Bower	11	3	24	2	2	14	13	15	0	0					
	2nd "															
	3rd "															
	Collective weight	11	3	24												
	Stream															
	Kedge															

Number of Certificate.	Length and size supplied.		TEST PER CERTIFICATE.		WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.		Description.	Makers of Cables.	When and where tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.		Length and Size per Table 22.	
	Length.	Diam.	Tons.	Per Table 22.	Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.	Length.
22330	90	1 1/2	22.15	34.2	29.2	23			stud link	Lepton 10/9/01		TOWLINE						
										B. B. Perrins		HAWERS & WARPS						

Boats *One, 11 ft.*
 Pumps, Number *Five* Diameter of Barrel *4"* State whether they are in efficient working order. *yes*
 Windlass is *Emmerson Walkers* Capstan *None*
 Engine Room Skylights.—How constructed? *Deck house.*
 What arrangements for deadlights in bad weather? *✓*
 Coal Bunker Openings.—How constructed? *cast iron* How are lids secured? *✓* Height above deck? *flush*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *flush deck.*
 Ceiling in Holds, thickness and material *None* Cargo Battens, thickness and material *None*
 Cargo Hatchways.—How formed? *None* Hatches.—If strong and efficient? *✓*
 State size No. 1 Hatch (Forward) *None* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *✓*
 No. of Breasthooks *none* No. of Crutches *none*
 Bulwarks, height above deck and description *3'-6" Wood.* Main Rail and Stays, material and size *1 1/2" x 3 1/8" A. Elm.*
 The above is a correct description.
 Builder's Signature (here only) *J. H. Bell* For COCHRAN & CO., ANNAN, LIMITED, Director.
 Surveyor's Signature *J. W. Dimmock* 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-12/1/01 - E, 21/5/01, M-10/6/01*
 Workmanship. Are the butts of plating planed or otherwise fitted? *yes.*
 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? *no.*
 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. *tight.*
 Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes* State results of tests. *tight.*
 General Remarks (State quality of workmanship, &c.) *This vessel has been built under Special Survey, the materials & workmanship are of good quality, it has been built in accordance with the plans which have been approved & are attached herewith.*

Notes: *On the trial trip of this vessel the locking gear of the forward rudder went wrong, this has been made good at Liverpool see div. Sept 19/12/01.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* 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) *One deck, wood.*
 Official No. *115237*; Signal Letters *✓* State if Machinery is fitted *no.*
 How are the surfaces preserved from oxidation? Inside *paint & cement* Outside *paint.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, under Engines and Boilers, <i>✓</i>	After peak tank, <i>✓</i>				
Double bottom, if under Engines only, <i>✓</i>	Deep tank, aft, <i>✓</i>				
Double bottom, if under Boilers only, <i>✓</i>	Deep tank, forward, <i>✓</i>				
Double bottom, forward, <i>✓</i>	Other tanks, if fitted, <i>✓</i>				

* 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 *✓*

Order for Special Survey No. *2478*
 Date *10-6-01*
 No. *311* in builder's yard.
 DATES OF SURVEYS held while building: *1901. Mar. 13, 21, 29. Apr. 5, 11, 16, 23. May 1, 6, 14, 21, 28, 30. June 4, 11, 17, 21, 27. July 2, 5, 12, Aug. 2, 9, 16. Sep. 13, 20, 26. Oct. 4, 11, 17, 23. Nov. 1, 8, 15, 22, 29. Dec. 1, 14*
 Total No. of Visits *39.*

The amount of Entry Fee *£ 3* Fees applied for, *7/12/1901*
 Special *£ 26* Received by me, *11/1/1902*
 Travelling Expenses, if any *£ 9:2:5*
 State whether the Vessel has been built under Special Survey *yes.*
 I am of opinion this Vessel should be Classed *100 A - For ferry purposes.* *J. W. Dimmock*
 With, or without Freeboard, as condition of Class *without.* Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *Glasgow, 13 JAN. 1902*
 Character assigned *+ 100 A - (Steel) "For Ferry purposes."*

