

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 14223.

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

Port of GREENOCK

Date of completion of Report 30th March 1905

Received at London Office

Survey held at PORT GLASGOW

Date, First Survey 20th July 1904

Last Survey 24th March 1905

On the STEEL SCREW STEAMER

RIVER CLYDE

Rig SCHOONER

TONNAGE under 3657.63

Do. between Tonnage Dk. and 2nd Aft. Spar or Awning Dk.

Total under Upper Dk. 3657.63

Do. of Poop 21.71

Do. of Bridge Houses 4.32

Do. of Forecasts 69.19

Do. of Houses on Deck 77.78

Do. of excess of Hatchways 25.13

Do. above Crown of Engine Room 57.08

Gross Tonnage 3912.84

Less Crew Space 104.32

Less above Crown of Engine Room 57.08

TONNAGE FOR FEES 3751.44

Less Engine Room 1252.11

Less Navigation Spaces 30.74

Register Tonnage 2525.67

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

or a Vessel having a continuous Shade Deck.

CLASS 100-A-1 SPAR DECK

FEET.

Half Breadth (moulded) 24.79

Depth from upper part of keel to top of Main Deck Beams 21.46

Girth of Half Midship Frame (as per Rule) 42.68

1st Number 88.93

Length 343

2nd Number 30502

Proportions—Breadths to Length 6.91

Depths to Length—Main Deck to top of Keel 15.98

Destined Voyage PORT SAID VIA CARDIFF If Surveyed while Building, Afloat, or in Dry Dock

Master ROBT BAYCE

Year of Appointment

Built at PORT GLASGOW.

When built 1905 Launched 23rd Feb/05

By whom built RUSSELL & COY

Owners THE STEAMSHIP RIVER CLYDE COMPANY LIMITED

Managers ORMOND COOK & COY

(Where necessary to be entered in Reg. Book.)

Residence 50 WELLINGTON ST GLASGOW

Port belonging to GLASGOW

LENGTH on Deck	Feet	Inches	BREADTH	Feet	Inches	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet	Inches	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
as per Rule	343	0	Moulded	49	7	Do. do. Main Deck Beams	25	11	17	11 1/2	Two	Two

Dimensions of Ship per Register, Length 344.8 breadth 49.85 depth 25.95 Spar or Awning Dk. Moulded depth, ft. 20 ins. 5 1/2 To Main Dk. Round up of Beam, Main Dk. 12 ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths per Rule or as Approved.		Inches in Ship.	Inches in Ship.	20ths per Rule or as Approved.
NAME, Angles, or Bars, for length amidships	5 1/2	3 1/2	8	KEEL, Bar or Side Plates, depth and thickness	12 x 2 3/4	11 x 2 3/4	
Do. for 1/2 at each end	5 1/2	3 1/2	7	STEM, moulding and thickness	11 x 6 1/2	11 x 6 1/2	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8-7	STERN-POST for Rudder do. do. CAST	11 x 6 1/2	11 x 6 1/2	
at intermdt. Plts.				" " for Propeller STEEL	9 3/4	9 3/4	
Distance of Frames from moulding edge to moulding edge, all fore and aft	24		24	MAIN PIECE of Rudder, diameter at head do. at heel	6 3/4	6 3/4	
VERSED FRAME, Angles	7	3 1/2	8-7	RUDDER, how constructed BUILT IRON FRAME AND SINGLE PLATE			
EP FRAMING, depth of girder	9 1/2		9 1/2	Can the Rudder be unshipped afloat? YES			
DOORS, depth and thickness of Floor Plate at mid line for 1 length amidships				KEELSONS AND STRINGERS.			
" in way of Engines and Boilers				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
thickness at the ends of vessel				" Rider Plate			
depth at 1/2 the half bth. as per Rule				" Bulb Plate to Intercoastal Keelson			
height extended to the Bilges				" Horizontal Plates on Floors			
DOORS & BRACKETS, in Cell Dble Bottoms	42	8	42	" Angles			
Distance apart	24		24	SIDE KEELSON, Angles			
TRE GIRDER, in Double bottom, depth and thickness	42	11	42	" Bulb or Plate above floors, for length			
" Angles, Top	4 1/2	4 1/2	11	" Intercoastal Plate, for length			
" Angles, Bottom	4 1/2	4 1/2	11	" Attached to outside plating with Angle			
E GIRDERS, number and thickness	Two	2	Two	BILGE KEELSON, Angles, RT. ENDS	6	4	11
Angles				" Bulb or Plate above floors, for length			
GIN PLATE, depth (exclusive of flange) and thickness	32	9	32	" Intercoastal Plate, for length			
Angles				" Attached to outside plating with Angle			
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	54	10	36	BILGE STRINGER Angles	6	4	12-11
" thickness in Engine and Boiler space				" Bulb Plate, for length			
Remainder in Holds				" Intercoastal Plate, for WHOLE length			
IS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
Angles on upper edge				SIDE STRINGER Angles	6	4	12-11
Average space				" Bulb or Intercoastal Plate, for WHOLE lng.			
IS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
Angles on upper edge				Spar, or Awning Deck Stringer Plates, breadth and thickness	54	11	54
Average space				" Angle on ditto	4 x 4	9	4 x 4
S, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, fore and aft, outside Hatchways			
Angles on upper edge				" Diagonal Tie Plates, No. of pss.			
Average space				" Deck, * Iron or Steel, for WHOLE lng.		8-7	8-7
Hold, or Orlop, Plate or Tee Bulb				" Wood Deck, Material and thickness			
Angles on upper edge				Main Deck Stringer Plate, breadth & thickness	54	10	54
Average space				" Angles on ditto, No. TWO	4 x 4	9	4 x 4
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	3 1/2	12	" Tie Plates, outside Hatchways			
Angles on upper edge				" Diagonal Tie Plates, No. of pss.			
Average space				" Deck, * Iron or Steel, for WHOLE lng.		8-7	8-7
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Wood Deck, Material and thickness			
Angles on upper edge				Lower Deck Stringer Plates, breadth & thickness			
Average space				" Angles on ditto, No.			
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, outside Hatchways			
Angles on upper edge				" Deck, Material and thickness			
Average space				Poop Deck Stringer Plate, breadth & thickness	30	7	30
S, In tween Deck, size and spacing				" Angles on ditto	3 x 3	7	3 x 3
" Hold in RT ENDS				" Tie Plates			
" Quarter, tween Dks.				" Deck, Material and thickness			
" in Hold in RT ENDS				Bridge Deck Stringer Plate, breadth & thickness	40	8	40
WEB FRAMES, In Fore Body, No. and spacing breadth & thickness	Two	21	8	" Angles on ditto	32 x 3 1/2	7	32 x 3 1/2
" No. of Side Stringers				" Tie Plates IN WAY OF DECK HOUSE			
WEB FRAMES, In E. & B. Space, No. & spacing breadth & thickness	Two	21	8	" Deck, Material and thickness			
" No. of Side Stringers				Forecastle Deck Stringer Plate, breadth & thickness	30	7	30
WEB FRAMES, In After Body, No. and spacing breadth & thickness				" Angles on ditto	3 x 3	7	3 x 3
" No. of Side Stringers				" Tie Plates			
" Size of Angles or Tee Bars to Web Frames				" Deck, Material and thickness			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				BULKHEADS.			

	Number.	Thickness.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.	Horizontal.	Vertical.	Spacing.		
W. T. BULKHEADS	6	6	7 x 6	8 x 4	30	DOUBLE SPAR DECK	
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? EFFICIENT BRACKETS.

PLATING.										RIVETING.																																																																																																																																																			
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.				IF LAPPED.																																																																																																																																														
	AMIDSHIP.		FORWARD.		AFT.		SINGLE OR DOUBLE.		BREADTH OF LAP.		RIVETS.		STRAPS.		IF LAPPED.																																																																																																																																														
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.																																																																																																																																													
FLAT PLATE KEEL	36	20	13	13	36	20	DOUBLE	6	1	1/4	3/4	1	3/4	14	WHOLE																																																																																																																																														
GARBOARD OF A STRAKE	62	14	12	12	62	14	"	6 1/2	1 1/8	3/8	"	"	"	"	"	"	"																																																																																																																																												
B "	62	11	9	9	62	11	"	5 1/4	7/8	3/8	"	"	"	"	"	"	"																																																																																																																																												
C "	62	11	9	9	62	11	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
D "	62	11	9	9	62	11	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
E "	56	12	9	9	56	12	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
F "	62	12	9	9	62	12	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
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J "	62	12	9	9	62	12	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
K "	62	12	9	9	62	12	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
L "	44	15	10	10	44	15	"	"	"	"	"	"	"	"	"	"	"																																																																																																																																												
M "	AFTER LENGTHS OF PLATING CONNECTED TO THE STERN FRAME ARE OF THE MIDSHIP THICKNESS EXCEPT.																																																																																																																																																												
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O "	MIDSHIP THICKNESS OF BAND C STRAKES MAINTAINED TO COLLISION BULKHEAD.																																																																																																																																																												
P "	FRAMES IN DOUBLE BOTTOM DOUBLED FROM 36" LENGTH FORWARD, TO COLLISION BULKHEAD.																																																																																																																																																												
Q "	AND ADDITIONAL HALF INTERCALS FITTED FOR SAME DISTANCE.																																																																																																																																																												
DOUBLE OF PLATE KEEL	DOUBLED AT EACH END OF BRIDGE.																																																																																																																																																												
Length and thickness of Sheerstrakes.	9x8 7 7x8																																																																																																																																																												
POOP SIDES	SINGLE 3 3/4 3 DOUBLE 3/4 2 5/8 5 WHOLE																																																																																																																																																												
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FORECASTLE SIDES	7 7																																																																																																																																																												
<p>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. SIEMENS MARTIN PROCESS FROM CALDERBANK, DAZELL, CYDERBRIDGE, PARKHEAD, CARNEGIE, LANARKSHIRE, GLASGOW, 17.5.03</p> <p>DRUMMAN LONG AND PALMERS.</p> <p>THE STEEL HAS BEEN TESTED IN ACCORDANCE WITH THE RULES.</p>																																																																																																																																																													
<p>FRAMES extend in one length from CENTRE LINE to MARGIN PLATE, THENCE TO GUNWALE</p> <p>REVERSED FRAMES on floors and frames extend from CENTRE LINE to MARGIN PLATE, MARGIN PLATE to MAIN & SPAR DECKS ALTERNATELY</p> <p>ALL TO SPAR DECK IN WAY OF ATER PEAK, ALTERNATELY TO FORECASTLE DECK OR FLOORS IN ENGINE SPACE AND UNDER BOILER BEARERS.</p>																																																																																																																																																													
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<p>Boomsprit. PITCH PINE</p> <p>Topmasts, Yards and Remainder of Spars. 3 1/4 G.S.W.</p> <p>Rigging, Material and Size, Shrouds. 3 1/4 G.S.W.</p> <p>Sails. ONE COMPLETE Suit of FORE & AFT SCHOONER Sails, and the following spars and</p>																																																																																																																																																													
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<p>Boats FOUR</p> <p>Pumps, Number DOWNTON PUMP to HEADS, HAND PUMP to FORE PEAK. Diameter of Barrel and Tail Pipe DOWNTON PUMP 5 1/2 HAND PUMP 4 1/2.</p> <p>Windlass is OF STEEL BY LYMPERSON WALKER & THOMPSON BROS. 6 STEERING WINCHES.</p> <p>Engine Room Skylights.—How constructed? OF STEEL PLATES AND ANGLES.</p> <p>What arrangements for deadlights in bad weather? STEEL SHUTTERS AND BULL'S EYES.</p> <p>Coal Bunker Openings.—How constructed? OF STEEL. How are lids secured? BATTENS & CLENTS Height above deck? 9" BULB ANGLE</p> <p>Number of Scuppers, and number and dimensions of Freeing Ports, &c. FIVE SCUPPERS AND FIVE FREEING PORTS EACH SIDE 28" x 22"</p> <p>Ceiling in Holds, thickness and material. 2 1/2 W.P. Ceiling 'tween Decks, thickness and material. 2" W.P.</p> <p>Cargo Hatchways.—How formed? OF STEEL PLATES AND ANGLES. Hatches, If strong and efficient? YES 3" SOLID</p> <p>State size No. 1 Hatch (Forward) 20-0 x 14-0 x 30 No. 2 Hatch 24-0 x 16-0 x 30 No. 3 Hatch 24-0 x 16-0 x 30 No. 4 Hatch 20-0 x 14-0 x 30</p> <p>Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ONE WEB PLATE IN NO. 1 & 4 TWO WEB PLATES IN NO. 2 & 3 HATCHWAYS</p> <p>THREE WOOD FORE & AFTERS TO EACH HATCHWAY FIVE No. of Crutches DEEP FLOORS</p> <p>Bulwarks, height above deck and description. 48 x 1/20 BULB STAYS 7 x 1/20 Main Rail, material and size BULB ANGLE 6 x 3 x 1/20</p> <p>The above is a correct description.</p> <p>Builder's Signature (here only) For Russell & Co. Surveyor's Signature J. French Surveyor to Lloyd's Register of British & Foreign Shipping.</p>																																																																																																																																																													

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

M 10/2/04 26/2/04 23/3/04 6/4/04 6/7/04 E. 7/6/04

Workmanship. Are the butts of plating planed or otherwise fitted? **PLANED WHERE PRACTICABLE**

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 plating? **A FEW**

Are the butts of Plating, Stringers, &c., properly shifted and strapped? **YES**

General Remarks (State quality of workmanship, &c.) **THIS VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS.**

THE QUALITY OF THE MATERIAL AND WORKMANSHIP IS GOOD.

THE WEATHER DECKS HAVE BEEN TESTED AND FOUND SATISFACTORY

THE DOWNTON PUMP, HAND PUMP, AND WATERTIGHT DOORS TRIED AND FOUND SATISFACTORY

THE KEEL WAS SIGHTED BEFORE LAUNCHING AND FOUND STRAIGHT.

PHOTO PRINT OF APPROVED MIDSHIP SECTION FORWARDED HERewith

THIS IS A SISTER VESSEL TO THE "S.S. EARL OF CARRICK" GREENOCK FIRST ENTRY REPORT NO. 14210

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop **28** ft., R.Q.D. or Break **ft.**, Bridge Dk. **90.33** ft., F'castle **41.5** 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) AND SPAR DECK (STEEL) AND DEEP FRAMING.**

Official No. **121,217**; Signal Letters

How are the surfaces preserved from oxidation? Inside **BY PORTLAND CEMENT & PAINT** Outside **BY PAINT**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system **CELLULAR SYSTEM.**

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, AND UNDER ENGINES.	134	387	Fore peak tank.		
Double bottom, forward,	148	455	After peak tank,		71
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,	16	57	Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules. **YES**

Order for Special Survey No. **2258** Date **2nd May 1904**

Order for Ordinary Survey No. **537** in builder's yard.

1st. On the several parts of the frame, when in place, and before the plating was wrought

2nd. On the plating during the process of riveting

3rd. When the beams were in and fastened, and before the decks were laid

4th. When the ship was complete, and before the plating was finally coated or cemented

5th. After the ship was launched and equipped

Total No. of Visits **44**

The amount of Entry Fee **£ 5** Special Survey Fee **£ 118.15** Travelling Expenses, if any **£**

Fees applied for, **29/3/1900** Received by me, **31/3/1900**

I am of opinion this Vessel should be Classed **100 A.I. STEEL SPAR DECK**

With or without Freeboard, as condition of Class

Committee's Minute **St Glasgow 3-APR 1905**

Character assigned **+ 100 A.I. (Steel) Spar deck "Lloyds" & C.D.**

When fee is paid

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

025942