

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

IRON OR STEEL STEAMER.

No. 15311

11 FEB 1908

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

Received at London Office,

Date of completion of Report 6th February 1908

Port of GREENOCK

Date, First Survey 26th April 1907

Last Survey 29th January 1908

Survey held at

CAMPBELLTOWN

DRIVER

Rig

SCHOONER

On the STEEL SCREW STEAMER

ONE OR TWO DECKED VESSEL.

Master D. PEACE

TONNAGE under Tonnage Deck... 1026.97

CLASS 100 A.I. WELL DECK

Year of appointment (1) As master in service of owner of present vessel: 1898 (2) As master of this vessel: 1908

Do. of Poop 60.41

Half Breadth (moulded) 17.37

Built at CAMPBELLTOWN

Do. of Raised Qr. 95.63

Depth from upper part of Keel to top of Main Deck Bms. 19.01

When built 1908 Launched 21st Dec 1907

Do. of Bridge House 25.47

Girth of Half Midship Frame (as per Rule) 32.02

By whom built CAMPBELLTOWN SHIPBUILDING COY

Do. of Houses on Deck 17.10

1st Number 68.40

Owners J. T. SALVESEN & CO

Do. of excess of Hatchways 36.19

Length on deck from after part of stem to fore part of stern post 228

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

Do. above Crown of Engine Room 12.71

2nd Number 15595

Residence

GRANGEMOUTH

Gross Tonnage 1274.48

Proportions—Breadths to Length 6.56

Port belonging to GRANGEMOUTH

Less Crew Space 53.57

Depths to Length—Main Deck to top of Keel 11.99

AND Surveyed while Building, Afloat, or in Dry Dock

Less above Crown of Engine Room 12.71

Destined Voyage ROUEN

TONNAGE FOR FEES 1208.20

Less Engine Room 407.83

Less Navigation Spaces 49.69

Register Tonnage as cut on Beam 763.39

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	ONE	No. of Tiers of Beams	ONE
228	0		34	9		16	12					

Dimensions of Ship per Register, Length, 229.4 breadth, 35.0 depth, 16.05. Moulded Depth, 18 ft. 3 1/4 ins. Round of Beam, Actual 8 1/2 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.
FRAME, Angles, Bars, for length amidships	7	3	9	KEEL, Bar or Side Plates depth and thickness	7 1/2 x 2 3/8		7 1/2 x 2 3/8
Do. for 1/2 at each end	7	3	8	STEM, moulding and thickness	8 x 4 1/4		8 x 4 1/4
Do. in way of Double Bottoms at Solid Floors	3	3	7-6	STERN-POST for Rudder do. do.	8 x 4 1/4		8 x 4 1/4
" " at intermdt. Bkts.				" for Propeller	5 1/4		5 1/4
Spacing of Frames from centre to centre	23		23	MAIN PIECE of Rudder, diameter at head	4 1/4		4 1/4
REVERSED FRAME, Angles, BULB, ANGLE, FRAMING	7		7	do. at heel	4 1/4		4 1/4
DEEP FRAMING, depth of girder	7		7	RUDDER, how constructed BUILT IRON FRAME & SINGLE PLATE			
FLOORS, depth and thickness of Floor Plate at mid line for length amidships				Can the Rudder be unshipped afloat? YES			
" in way of Engines and Boilers				KEELSONS AND STRINGERS.			
" thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" depth at 1/2 the half breadth, as per Rule				" Rider Plate			
" height extended at the Bilges				" Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS, in Cell Dble Bottoms	35	7	35	" Horizontal Plates on Floors			
" " state if flanged (top & bottom)				" Angles			
" Spacing	23		23	SIDE KEELSON, Angles			
CENTRE GIRDER, in Double Bottom, depth and thickness	35	9	35	" Bulb or Plate above floors for length			
" Angles, Top SINGLE	5	5	11	" Intercoastal Plate for length			
" Bottom	6	6	12	" Attached to outside plating with Angle	6	3	8
SIDE GIRDERS, number on each side & thickness	ONE	6	ONE	BILGE KEELSON, Angles, FOR	6	3	8
" " state if flanged (top & bottom)				" Bulb or Plate above floors for length			
" Angles	3	3	7	" Intercoastal Plate for length			
MARGIN PLATE, depth (exclusive of flange) and thickness	24	7	24	" Attached to outside plating with Angle	5	3	6
" Angles to Outside Plating	3 1/2	3 1/2	8	BILGE STRINGER Angles	6	3	9-8
" Floors	3	3	7	" Bulb Plate for length			
" Height of Floors at the Bilges	52 1/2		52 1/2	" Intercoastal Plate for FULL length	6	3	7-6
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35	8	35	" Attached to outside plating with Angle	6	3	9-8
" " thickness in Engine and Boiler space				" Bulb or Intercoastal Plate for FULL length	6	3	7-6
" " Remainder in Holds				" Attached to outside plating with Angle	6	3	7-6
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	33	9	33
" Angles on Upper Edge				" Angle on ditto	4 1/2 x 4 1/2	9	4 1/2 x 4 1/2
" Spacing	23		23	" Tie Plates, outside Hatchways			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Diagonal Tie Plates on Bms., No. of Pairs			
" Angles on Upper Edge				" Main Dk* Iron or Steel for FULL length			
" Spacing				" R. Q. Dk* Iron or Steel for FULL length			
BEAMS, Hold, Plate or Tee Bulb				" Wood Deck, Material & thickness 2 1/2 W.P. IN WAY OF RECOMMODATION			
" Angles on Upper Edge				Lower Deck Stringer Plate, breadth and thickness			
" Spacing				" Angles on ditto, No.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, outside Hatchways			
" Angles on Upper Edge				" Deck* Material and thickness			
" Spacing				Hold Stringer Plate			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	" Angles on ditto, No.			
" Angles on Upper Edge				Poop Deck Stringer Plate, breadth & thickness			
" Spacing	23		23	" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	9	" Tie Plates			
" Angles on Upper Edge				" Deck, Material and thickness			
" Spacing	46		46	Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	38	8	38
PILLARS, in between Decks, Size and Spacing	2 3/8	46	2 3/8	" Angle on ditto	4 1/2 x 4 1/2	9	4 1/2 x 4 1/2
" " Hold	3 1/2	46	3 1/2	" Tie Plates			
" " Quarter, between Dks., " "				" Deck, Material and thickness STEEL	6		6
" " in Hold				Forecastle Deck Stringer Plate, brdth & thcknss	24	6	24
WEB FRAMES, in Fore Body, No. and Spacing				" Angle on ditto	4 x 4	7	4 x 4
" " Brdth & Thickness				" Tie Plates			
WEB FRAMES, in E. & B. Space, No. and Spacing				" Deck, Material and thickness STEEL DECK	3	P.P.	3
" " Brdth & Thickness				" Deck, Material and thickness SHEATHING			
WEB FRAMES, in After Body, No. and Spacing				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" " Brdth & Thickness				BULKHEADS.			
" " No. of Side Stringers				Number.	Thickness.	Horizontal.	Vertical.
WEB FRAMES, in E. & B. Space, No. and Spacing				In Vessel.	Per Rule.	Size.	Spacing.
" " Brdth & Thickness						Inches.	Inches.
WEB FRAMES, in After Body, No. and Spacing				W.T. BULKHEADS	4	4	6
" " Brdth & Thickness				PARTITION			
" " No. of Side Stringers				LONGITUDINAL			
" " Size of Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

PLATING.										RIVETING.																			
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.														
STRAKES.					AMIDSHIP.					Ordinary or Joggled?					RIVETS.														
Breadth.					Thickness.					Single or Double.					Double or Triple and for what Length.														
FLAT PLATE KEEL										DOUBLE										7/8									
GARBOARD OF A STRAKE										5 1/2										3/4									
State actual thickness in way of Double Bottom.										60										9									
B										60										8									
C										60										8									
D										60										8									
E										63										9									
F										63										10									
SHEERSTRAKE										54										12									
J										SHEERSTRAKE IN WAY OF BRIDGE										20 IN THICKNESS.									
K										GARBOARD PLATES CONNECTED TO THE STERN FRAME ARE THE MIDSHIP THICKNESS.																			
L										BOSS PLATES 1/20" THICKER THAN MIDSHIPS.																			
M										MIDSHIP THICKNESS OF B & C STRAKES MAINTAINED TO COLLISION BULKHEAD.																			
N										FRAMES IN DOUBLE BOTTOM DOUBLED FROM 1/6 L. FORWARD TO COLLISION BULKHEAD																			
O										AND ADDITIONAL HALF INTERCOSTALS FITTED FOR SAME DISTANCE																			
DOUBLING OF Flat Plate Keel																													
Length and thickness of Bilge										DOUBLED AT END OF BRIDGE										AND BREAK OF R. Q. DK FOR 20'-0"									
Length and thickness of Sheerstrakes																													
Length and thickness of Strake below																													
POOP SIDES										36										9									
RAISED QUARTER DECK SIDES										36										9									
BRIDGE SIDES										9										6									
FORECASTLE SIDES																				6									
LENGTHS OF PLATING										NINE SPACES																			
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.?										SIEMENS MARTIN PROCESS FROM LANARKSHIRE, DALZELL, DOWLAIS, HALLSIDE GLASGOW I.T.S. CO. & CLYDEBRIDGE																			
Has the Steel been tested as required by the Rules										YES																			
FRAMES extend in one length from CENTRE LINE to MARGIN THENCE TO GUNWALE										state if ordinary or joggled										ORDINARY									
REVERSED FRAMES on floors and frames extend from (BULB ANGLE FRAMING) OF FLOORS FROM CENTRE										state if ordinary or joggled																			
LINE TO MARGIN, DOUBLE ON FLOORS IN ENGINE SPACE & UNDER BOILER STOKES.																													
MASTS, SPARS, &c.																													
LOWER MASTS										Fore										STEEL									
Main										57-0										18 x 9/20									
Bowsprit																													
Topmasts, Yards and Remainder of Spars										PITCH PINE																			
Rigging, Material and Size, Shrouds										G. S. W. 2 3/4																			
Sails.										ONE										Stays G. S. W. 3/4									
Equipment No. 16885 Letter O.																				Tonnage U.D.K. or Plating No. for Trawlers									
ANCHORS.																													
Number of Certificate.										Weight, Ex Stock										Weight, per Certificate									
6870										1st Bower										28 1 0									
6869										2nd "										28 0 0									
6871										3rd "										24 1 0									
Collective weight										80 2 0										80 0 0									
6872										Stream										7 0 0									
6873										Kedge										4 0 14									
CHAIN CABLES.																													
Number of Certificate.										Length and size supplied.										Test per Certificate									
7334										240 1 1/2										43.9 61.4									
HAWERS AND WARPS.																													
Number of Certificate.										Length and size supplied.										Breaking Test of Steel Wire									
7334										240 1 1/2										43.9 61.4									
Boats THREE																													
Pumps, Number THREE HAND PUMPS TO HOLD ONE TON OF WATER										Diameter of Barrel 5"										State whether they are in efficient working order YES									
Windlass is OF STEEL BY EMERSON WALKER & THOMPSON BROS. CAPSTAN										FOUR STEAM WINCHES.																			
Engine Room Skylights—How constructed?										OF STEEL																			
What arrangements for deadlights in bad weather?										STEEL SHUTTERS & BULLS EYES.																			
Coal Bunker Openings—How constructed?										OF STEEL										How are lids secured? BATTENS & CLARK HEIGHT ABOVE DECK? 12"									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. SIX SCUPPERS & SEVEN FREEING PORTS										2' W.P.										Cargo Battens, thickness and material 2' W.P.									
Ceiling in Holds, thickness and material										2 1/2" W.P.										Hatches—If strong and efficient? YES. 2 1/2" SOLID									
Cargo Hatchways—How formed?										OF STEEL PLATES AND ANGLES.																			
State size No. 1 Hatch (Forward) 19.2 x 16.0 x 31										No. 2 Hatch 30.8 x 16.0 x 31										No. 3 Hatch 23.1 x 16.0 x 31									
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch ONE WEB PLATE NO. 1. THREE WEBS NO. 2. TWO WEBS NO. 3 & 4																													
THREE WOOD FORE & AFTERS TO EACH HATCHWAY No. of Breasthooks FOUR										No. of Crutches DEEP FLOORS.																			
Bulwarks, height above deck and description										Main Rail and Stays, material and size B.P. 6 x 3 x 7/20																			
The above is a correct description																													
Builder's Signature (here only) Campbell										Surveyor's Signature J. Stenoch										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. 20/2/07. 9/4/07. 6/6/07. 25/7/07. 22/4/07. E. 22/4/07.

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? 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 facing 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. 23, par 24)? YES

State results of tests. SATISFACTORY

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? YES

State results of tests. SATISFACTORY.

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

THE QUALITY OF THE MATERIAL AND WORKMANSHIP IS GOOD.

THE KEEL WAS SIGHTED BEFORE LAUNCHING AND FOUND TO HAVE ONE INCH CAMBER

THIS IS A SIMILAR VESSEL TO THE S.S. AMSTERDAM GREENOCK FIRST ENTRY REPORT No 14986.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 79.25 ft., R.Q.D. or Break 79.25 ft., Bridge Dk. 57.5 ft., F'castle 29.25 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

THE RAISED QUARTER DECK IS 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) ONE DECK (STEEL) AND DEEP FRAMING

Official No. 124457; Signal Letters

State if Machinery is fitted aft. MIDSHIPS.

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

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors CELLULAR SYSTEM

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.	Feet.	Tons.
Double bottom, aft,	53.58	87	Fore peak tank,		
Double bottom, under Engines and Boilers,	32.58	60	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		95
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	101.58	168	Other tanks, if fitted,		
Total capacity	315		(If necessary, furnish further information by sketch.)		

* The walls 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. 2463

Date 20th March 1907

No. 83 in builder's yard

1907 April 26. May 10. 23. June 7. 21. July 10. 11. 25. August 21. 22. Sept. 5. 18. Oct. 2. 17. 29. Nov. 13. 27. Dec. 17. 18. 24. 1908 Jan 10. 14. 27. 29.

Fees applied for, 3/2 1906

Special.....£55: 4: 6

Received by me, 10/2/1906

Travelling Expenses, if any £ 9: 6

State whether the Vessel has been built under Special Survey YES.

I am of opinion this Vessel should be Classed X. 100-A1 STEEL WELL DECK.

Without Freeboard, as condition of Class

Committee's Minute Glasgow 10 FEB 1908

Character assigned + 100-A1 (Steel) 1.08.

Lloyd's at OP

+ L M C 208.

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