

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

IRON OR STEEL STEAMER.

No. 14305

State if Report is also sent on the Machinery of the Vessel. *Yes.*
Date of completion of Report *26th May 1906*
Date, First Survey *9th Mar 1904*

Received at London Office.

Port of *Greenock*
Last Survey *24th May 1906*
Rig *SCHOONER*

Survey held at *CAMPBELTOWN*

On the *STEEL SCREW STEAMER*

BLOKE

Master *K. E. FORSBERG*

Year of appointment *(1) As master in service of owner of present vessel: 1896*
(2) As master of this vessel: 1905

Built at *CAMPBELTOWN*

When built *1905* Launched *22nd April 1905*

By whom built *CAMPBELTOWN SHIPBUILDING COY*

Owners *WIGANDERS REDERI AKTIEBOLAG*

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

Residence *STOCKHOLM*

Port belonging to *STOCKHOLM*

Port surveyed while Building, Afloat, or in Dry Dock *Yes.*

TONNAGE under Tonnage Deck... *1014.13*
Do. of Deck... *62.75*
Do. of Raised Qr. } *97.38*
Do. of Break. }
Do. of Bridge House *21.95*
Do. of Forecastle *57.36*
Do. of Houses on Deck *17.12*
Do. of excess of Hatchways *1270.69*
Do. above Crown of }
Engine Room }
Gross Tonnage *54.69*
Less Crew Space Allowed
Less above Crown of }
Engine Room }
Tonnage for Fees *1216.00*
Do. of Engine Room *406.62*
Do. of Navigation Spaces *7.70*
Register Tonnage *856.37*
Cut on Beam

ONE DECKED VESSEL.
CLASS *100 A1*

Half Breadth (moulded) *17.12*
Depth from upper part of Keel to top of Main Deck Bms. *19.00*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *31.85*
1st Number *67.97*
Length on deck from after part of stem to fore part of stern post *228.7*
2nd Number *155.44*
Proportions—Breadths to Length *6.68*
Depths to Length—Main Deck to top of Keel *12.03*
Destined Voyage

LENGTH on Deck as per Rule *228* *82* *BREADTH* *34* *3* *DEPTH, ACTUAL* *16* *1* *No. of Decks with Flat laid* *ONE*
ONE
Dimensions of Ship per Register, Length, *230.15* breadth, *34.45* depth, *16.05* Moulded Depth, *18* ft. *32* ins. Round of Beam, Actual *82* ins.

FRAMING.						FORGINGS AND CASTINGS.							
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.						
NAME, Angles, L. Early Beam , for $\frac{1}{2}$ length amidships in way of R.Q.Dk.	4	3	7	4	3	7	KEEL, Bar or Side Plates depth and thickness						
Do. for $\frac{1}{2}$ at each end in way of R.Q.Dk.	4 1/2	3	7	4 1/2	3	7	STEM, moulding and thickness	7 1/2 x 2 3/8		7 1/2 x 2 3/8			
Do. in way of Double Bottoms at Solid Floors	3	3	7.6	3	3	7.6	STERN-POST for Rudder do. do.	8 x 4 3/4		8 x 4 3/4			
" " staircase Blks.							" for Propeller	8 x 4 3/4		8 x 4 3/4			
spacing of Frames from centre to centre		23			23		MAIN PIECE of Rudder, diameter at head	5 1/4		5 1/4			
EVERSED FRAME, Angles	5 1/2	3	7.6	5 1/2	3	7.6	do. at heel	4 1/2 x 3 1/4		4 1/2 x 3			
DEEP FRAMING, depth of girder in way of R.Q.Dk.		7			7		RUDDER, how constructed FORGED IRON FRAME & TWO SIDE PLATES						
LOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ 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 Plates above						
depth at $\frac{1}{2}$ the half breadth, as per Rule							Through Plate, or Intercoastal Plate						
height extended at the Bilges							" Rider Plate						
LOORS & BRACKETS, in Cell Dble Bottoms	35	7		35	7		" Bull Plate to Intercoastal Keelson						
" " state if flanged (top & bottom)							" Horizontal Plates on Floors						
" " Spacing	23			23			" Angles						
ENTRE GIRDER, in Double Bottom, depth and thickness	35	9		35	9		SIDE KEELSON, Angles						
" " Angles, Top	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Bull or Plate above floor for						
" " Bottom	4	4	9	4	4	9	" Intercoastal Plate for						
IDE GIRDERS, number on each side & thickness	ONE	6	ONE	6			" Attached to outside plating with Angle						
" " state if flanged (top & bottom)							BILGE KEELSON, Angles, AT ENDS	5 1/2	3 1/2	8	5 1/2	3 1/2	8
" " Angles	3	3	7	3	3	7	" Bull or Plate above floor for						
MARGIN PLATE, depth (exclusive of flange) and thickness	22	7		22	7		" Intercoastal Plate for						
" " Angles to Outside Plating	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Attached to outside plating with Angle	3	3	6	3	3	6
" " Floors	3	3	7	3	3	7	1-BILGE STRINGER Angles	5 1/2	3 1/2	9.8	5 1/2	3 1/2	9.8
" " Height of Floors at the Bilges	5 1/2			5 1/2			" Bull Plate for						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35	8		35	8		" Intercoastal Plate for WHOLE length	3	3	7.6	3	3	7.6
" " thickness in Engine and Boiler space							" Attached to outside plating with Angle	5 1/2	3 1/2	9.8	5 1/2	3 1/2	9.8
" " Remainder in Holds							1-SIDE STRINGER Angles	5 1/2	3 1/2	9.8	5 1/2	3 1/2	9.8
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	9	" Bull or Intercoastal Plate for WHOLE lng.	3	3	7.6	3	3	7.6
" " Angles on Upper Edge							" Attached to outside plating with Angle	3	3	7.6	3	3	7.6
" " Spacing	23			23			Main and Raised Quarter Deck Stringer Plate, breadth and thickness	33	10	33	10		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							" Angle on ditto	4 1/2 x 4 1/2	9	4 1/2 x 4 1/2	9		
" " Angles on Upper Edge							" Tie Plates, outside Hatchways						
" " Spacing							" Diagonal Tie Plates on Bms, No. of Pairs						
BEAMS, Hold, Plate or Tee Bulb							" Main Dk* Iron or Steel for WHOLE lng.	6		6			
" " Angles on Upper Edge							" R. Q. Dk* Iron or Steel for WHOLE lng.	6		6			
" " Spacing							" Wood Deck, Material & thickness						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate on Tee Bulb							Lower Deck Stringer Plate, breadth and thickness						
" " Angles on Upper Edge							" Angles on ditto, No.						
" " Spacing							" Tie Plates, outside Hatchways						
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	7	5 1/2	3	7	" Deck Material and thickness						
" " Angles on Upper Edge							Hold Stringer Plate						
" " Spacing	23			23			" Angles on ditto, No.						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	9	Poep Deck Stringer Plate, breadth & thickness						
" " Angles on Upper Edge							" Angle on ditto						
" " Spacing	46			46			" Tie Plates						
ILLARS, in 'tween Decks, Size and Spacing	2 1/2	46		2 1/2	46		" Deck, Material and thickness	STEEL	6		6		
" " Hold	3 1/2	46		3 1/2	46		Forecastle Deck Stringer Plate, brdth & thcknss	21	6	21	6		
" " Quarter, 'tween Dks., " "							" Angle on ditto	3 x 3	6	3 x 3	6		
" " in Hold							" Tie Plates						
WEB FRAMES, in Fore Body, No. and Spacing	ONE	15	7	ONE	15	7	" Deck, Material and thickness	STEEL	6		6		
" " Brdth & Thickness							* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.						
" " No. of Side Stringers							BULKHEADS.						
WEB FRAMES, in E. & B. Space, No. & Spacing							Number.						
" " Brdth & Thickness							In Vessel.						
WEB FRAMES, in After Body, No. and Spacing							Per Rule.						
" " Brdth & Thickness							Thickness.						
" " No. of Side Stringers							Horizontal.						
" " Size of Angles on Tee Bars to Web Frames	3	3	7	3	3	7	Vertical.						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							Single or Double Frames.						
							Height up						

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.																																																																							
	AMIDSHIP.	FORWARD.	AFT.	THICKNESS.	THICKNESS.	THICKNESS.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	STRAPS.	IF LAPPED.																																																																					
FLAT PLATE KEEL	35	14	11	11	35	14	DOUBLE	5 1/2	7/8	3 1/2	TREBLE	10 1/2	W/4																																																																					
GARBOARD OF A STRAKE	60	11	10	10	60	11	"	"	"	3 1/2	"	12	"																																																																					
"	60	10	8	8	60	10	"	5 1/2	7/8	3 1/2	"	"	"																																																																					
"	60	9	8	8	60	9	"	5 1/2	7/8	3 1/2	"	"	"																																																																					
"	56	10	8	8	56	10	"	"	"	3 1/2	"	12	"																																																																					
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"	54	13	9	9	54	13	"	5 1/2	7/8	3 1/2	"	9	"																																																																					
<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, outside Plating, &c. SIEMENS MARTIN PROCESS FROM HILLSIDE, LANARKSHIRE, DOWLAIS, GLASGOW, I.S.C. CLYDEBRIDGE & DALZELL.</p> <p>Has the Steel been tested as required by the Rules YES.</p>																																																																																		
<p>FRAMES extend in one length from CENTRE LINE to MARGIN PLATE THENCE TO GUNWALE state if ordinary or joggled ORDINARY</p> <p>REVERSED FRAMES on floors and frames extend from CENTRE LINE to MARGIN PLATE, MARGIN PLATE state if ordinary or joggled ORDINARY</p> <p>to MARGIN AND R.Q.D.K. DOUBLE ON FLOORS IN ENGINE SPACE AND UNDER BOILER STOWS.</p>																																																																																		
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BOATS THREE

PUMPS Number THREE HAND PUMPS TO BEAT 1 1/2 IN. DIAMETER OF BARREL State whether they are in efficient working order **YES.**

WINDLASS is OF STEEL BY CLARK CHADWICK YC: Capstan 4 STEEL WINCHES.

ENGINE ROOM SKYLIGHTS. How constructed? OF STEEL

What arrangements for deadlights in bad weather? STEEL SHUTTERS AND BULLS EYES

COAL BUNKER OPENINGS. How constructed? OF STEEL How are lids secured? BATTENS PLATED Height above deck? 12' ONE ANGLE

Number of **Scuppers**, and number and dimensions of **Freeing Ports**, &c. Six SCUPPERS & SEVEN FREEING PORTS EACH SIDE

Ceiling in Holds, thickness and material 2 1/2 W.P. Cargo BATTENS, thickness and material 2' W.P.

Cargo Hatchways. How formed? OF STEEL PLATES AND ANGLES Hatches. If strong and efficient? YES. 2 1/2 S.S. 10

State size No. 1 Hatch (Forward) 15-6 x 11-11 x 8-5 No. 2 Hatch 22-10 x 12-0 x 8-5 No. 3 Hatch 22-11 x 12-0 x 2-8 No. 4 Hatch 15-4 x 12-0 x 2-8

Number of **Web Plates**, **Shifting Beams**, and **Fore and Afters** to each Hatch ONE SHIFTING BEAM INT. 1 1/2 x 4 HATCHWAYS TWO WEB PLATES INT. 2 1/2 x 5

THREE WOOD FORE & AFTERS TO EACH HATCHWAY No. of Breasthooks FOUR No. of Crutches DEEP FLOORS

Bulwarks, height above deck and description R.Q.D.K. 38 x 7 1/2 BULL ANGLE 6 x 3 1/2

The above is a correct description.

Builder's Signature (here only) **Campbell & Co. Surveyors** Surveyor to Lloyd's Register of British and Foreign Shipping.

Rpt. 1A.

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

M 30/6/04 E 16/2/05

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 3/4" CAMBER

TWO FORGING REPORTS ATTACHED

THIS IS A SISTER VESSEL TO THE S.S. 'BJÖRN' GREENOCK FIRST ENTRY REPORT NO. 13931.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length **79.5** ft., R.Q.D. or Break **79.5** ft., Bridge Dk. **57.25** ft., F'castle **28.5** 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. **✓**; Signal Letters **✓** State Machinery is fitted **AS REQUIRED**

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 or with girders on floors **CELLULAR SYSTEM**

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.		
Double bottom, aft,	53-8"	78	Fore peak tank,		
Double bottom, under Engines and Boilers,	36-5"	64	After peak tank,		90
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	99-8"	158	Other tanks, if fitted,		
Total capacity		300	(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. **2287**

Date **17th Nov/04**

No. **76** in builder's yard.

Dates of Surveys held while building

1904 Nov 9. 23. Dec 9. 21. 1905 Jan 13. 20. Feb 2. 16. March 2. 3. 18. 27. April 7. 18. 19. 28. May 1. 2. 5. 8. 10. 11. 12. 15. 17. 18. 20. 23. 24.

Total No. of Visits **29.**

The amount of Entry Fee **£ 4: 0: 0** Fees applied for, **22/5/1905**

Special **£ 55: 8: 0** Received by me, **Smk.**

Travelling Expenses, if any **£ 10: 12: 0** **25/5/1905**

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

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

With or without Freeboard, as condition of Class

Committee's Minute **Glasgow 29 MAY 1905**

Character assigned **+ 100 A.I. (Steel) Wells &c.**

(Well deck)

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

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