

3 Decks.

IRON OR STEEL STEAMER.

WED. 8 AUG 1900

Received at London Office.

Date of completion of report 28th July 1900.

Port of Greenock

Survey held at Glasgow & Greenock

Date, First Survey 30th August, 1899. Last Survey 27th July 1900.

On the Steam Ship **AMSTELLAND**

Rig Schooner.

TONNAGE under 3938.95

THREE DECKED VESSEL.

CLASS 100A1

FEET.

Tonnage Deck...

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop.

Do. of Bridge House.

Do. of Forecastle.

Do. of Houses on Dk.

Do. of excess of Hatchways above Crown of

Room.

Tonnage 4169.67

Do. Space 159.19

Do. Crown of Room 4010.48

Do. FOR FEES 133.429

Do. Engine Room 40.48

Do. Rigging Spaces 1374.77

Do. Tonnage 2635.71

Do. on Beam

Half Breadth (moulded) 25.42

Depth from upper part of Keel to top of Upper Deck Beams 29.00

(with the normal round up of beam) 49.54

Girth of Half Midship Frame (as per Rule) 103.96

deduct 7 feet 7.00

1st Number 90.96

Length on deck from after part of stem to fore part of stern post 388.0

2nd Number 376.20

Proportions—Breadth to Length 7.6

Depth to Length—Upper Deck to top of Keel 13.3

Main Deck ditto

Destined Voyage Newport to London.

Master J. Schotthout

Year of appointment 1900

Built at Port Glasgow

When built 1900

Launched 5th June 1900.

By whom built Russell & Co.

Owners Zuid Amerika Lijn

Managers

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

Residence Amsterdam.

Port belonging to Amsterdam.

If Surveyed while Building, Afloat, or in Dry Dock Prince's Dock, 46.

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
388.0		Moulded 50.10			Do. do. do.	Main Dk. Beams	17	4 1/2	Two

ons of Ship per Register, Length 389.6 breadth 57.15 depth 25.3. Moulded depth, ft. 28 ins. 0 To Upper Dk. Dk. Beam, Actual 12. ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
E, Angles, or E or E Bars for 1/2 length amidships	5 1/2	3 1/2	9	5 1/2	3 1/2	9			
or 1/2 at each end	5 1/2	3 1/2	8	5 1/2	3 1/2	8			
n way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8			
at Intermitt. Bkts									
e of Frames from moulding edge to	24			24					
ding edge, all fore and aft	6 1/2	3 1/2	9.8	6 1/2	3 1/2	9.8			
RSED FRAME, Angles	4	3 1/2	9	4	3 1/2	9			
FRAMING, depth of girder	9			9					
ES, depth and thickness of Floor Plate									
at and line for 1/2 length amidships									
n way of Engines and Boilers									
thickness at the ends of vessel									
depth at 1/2 the half breadth, as per Rule									
height extended at the Bilges									
RS & BRACKETS in Cell Dble Bottoms									
Distance apart	24			24					
RE GIRDER, in Double bottom, depth	44			11.68	44				
and thickness	4	4	9.8	4	4	9.8			
Angles, Top	4 1/2	4 1/2	12.11	4 1/2	4 1/2	12.11			
Bottom	4 1/2	4 1/2	12.11	4 1/2	4 1/2	12.11			
GIRDERS, number on each side & thickness	2.10			8	2.10				
Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8			
IN PLATE, depth (exclusive of flange)	35			10	35				
and thickness	4	4	9	4	4	9			
Angles to Outside Plating	4	4	9	4	4	9			
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	58			11.8	54				
in Engine and Boiler space				10.11					
Remainder in Holds				8.7					
IS, Upper Deck, Single Angle, Bulb	11	6 1/4	10	11	6	10			
Angle, Plate or Tee Bulb									
Angles on upper edge	48			48					
Average space	12	6 1/2	11	12	6	11			
IS, Middle Deck, Single Angle, Bulb									
Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
IS, Lower Deck, Single Angle, Bulb									
Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
IS, Hold, or Orlop, Plate or Tee Bulb									
Angles on upper edge									
Average space									
IS, Poop Deck, Angle, Bulb Angle, Plate	9	5 1/2	10	9	5 1/2	10			
or Tee Bulb									
Angles on upper edge	48			48					
Average space									
IS, Bridge Deck, Angle, Bulb Angle, Plate	9	5 1/2	10	9	5 1/2	10			
or Tee Bulb									
Angles on upper edge	48			48					
Average space									
IS, Forecastle Deck, Angle, Bulb Angle, Plate	10	6	9	10	6	9			
or Tee Bulb									
Angles on upper edge	48			48					
Average space	28			48					
PILLARS, In 'tween Deck, size and spacing	4 1/8			48					
Hold	2 3/8			96					
Quarter 'tween Dks.	4 1/8			96					
in Hold	4 1/8			96					
EB FRAMES, In Fore Body, No. and spacing									
breadth & thickness									
No. of Side Stringers									
WEB FRAMES, In E. & B. Space, No. & spacing	3.10			23	9				
breadth & thickness									
WEB FRAMES, In After Body, No. and spacing									
breadth & thickness									
No. of Side Stringers									
Size of Angles or Tee Bars to Web-Frames	4	3 1/2	9	4	3 1/2	9			
BRACKET PLATES to Stringers between									
Web-Frames, depth and thickness									

FORGINGS OR CASTINGS.

KEEL, Bar or Side Plates, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floor, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors, for

Intercoastal Plate, for

Attached to outside Plating with Angle

BILGE KEELSON, Angles at ends

Bulb or Plate above floors, for

Intercoastal Plate for

Attached to outside Plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside Plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate, for

Attached to outside plating with Angle

Upper Deck Stringer Plates, br'dth & thickness

Angle on ditto

Tie Plates fore and aft, outside Hatchways

Deck * Iron or Steel, for

Wood Deck. Material & thickness

Middle Deck Stringer Plate, br'dth & thickness

Angles on ditto, No. 2

Tie Plates outside Hatchways

Diagonal Tie Plates on Bms, No. of pss

Deck * Iron or Steel, for

Wood Deck. Material & thickness

Lower Deck Stringer Plate, br'dth & thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck * Material and thickness

Hold, or Orlop Stringer Plate, br'dth & thickn

Angles on ditto, No.

Tie Plates outside Hatchways

Deck * Material and thickness

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Deck * Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

Angle on ditto

Tie Plates

Deck * Material and thickness

Forecastle Deck Stringer Plate, br'dth & th kns

Angle on ditto

Tie Plates

Deck * Material and thickness

BULKHEADS.

W. T. BULKHEADS

PARTITION

LONGITUDINAL

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

Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING.

STRAKES.	AS IN SHIP.			PER RULE OR AS APPROVED.		EDGES.		BUTTS.									
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	FORWARD.	Single or Double.	RIVETS.	STRAPS.	IF LAPPED.								
Flat Plate Keel.	18	14	14	36	18	Double.	6	1	4								
Garboard or A Strake.	54	14	13	54	14	"	6 5/16	1 7/8	4 3/8								
B "	54	11	9	54	11	"	5 1/2	7/8	3 3/8								
C "	54	12	10	54	12	"	"	"	"								
D "	54	11	9	54	11	"	"	"	"								
E "	46	14	12	46	14	"	"	"	"								
F "	54	13	11	54	13	"	3 R. 5/16	7/8	3 3/8								
G "	46	14	12	46	14	"	"	"	"								
H "	54	12	10	54	12	"	3 R. 5/16	7/8	3 3/8								
J "	46	13	10	46	13	"	"	"	"								
K "	54	12	9	54	12	"	"	"	"								
L "	46	13	10	46	13	"	5 1/2	6 7/8	1 3/8								
M "	54	18	9	54	18	"	6	1	4								
N "	46	19	11	46	19	"	6 5/16	1 7/8	4 3/8								
O "	50	10	7	50	10	"	5 1/2	7/8	3 3/8								
P "	50	12	7	50	12	"	"	"	"								
Q "																	
R "																	
DOUBLING OF Flat Plate Keel.	24	14	for 1/2 L.	Length of plates = 8 x 12 spaces of frames.													
Length and thickness of Strake below.	Shut strake & Strake below increased in thickness in line of doubling.																
Peel Straps.																	
Barrel Straps.																	
Bottom Straps.																	
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. <i>Siemens-Martin Steel.</i>																	
Angles, Beams, &c. <i>Angle Beams &c. Laminated. Steel Co. of Scotland, Glasgow & Palmers.</i>																	
Plating, Cladding, &c. <i>Plating, Cladding, &c. Dabell & Co. Ltd. Glasgow.</i>																	
Has the Steel been tested as required by the Rules? <i>Yes.</i>																	
FRAMES extend in one length from <i>Center line to tank side, and thence to gunwale.</i>																	
REVERSED FRAMES on floors and frames extend from <i>tank side to tank side thence all to upper strake for 1/2 L. amidship.</i>																	
<i>Also, before & aft of upper & main strake, extend to double in E & B. Space, ends as per rule.</i>																	
MASTS, SPARS, &c.																	
LOWER MASTS.	Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLERS.		RIVETING.								
			At Partners.	Heel.	Hoists & Head.		Number.	Size.	Seams.	Butts.							
Fore	Steel	64.0	20 x 7/16	20 x 7/16	16 1/2 x 7/16	Two			Single	Double							
Main	"	64.0	"	"	"	"			"	"							
Mizen	"	"	"	"	"	"			"	"							
Bowsprit.																	
Topmasts, Laces and Remainder of Spars <i>R. Pine.</i>																	
Rigging, Material and Size, Shrouds <i>G. S. 1/2, 3/4.</i>																	
Sails. <i>One complete.</i> Suit of <i>Schooner.</i> Sails, and the following spare sails <i>✓</i>																	
EQUIPMENT No. <i>45-378</i> LETTER <i>Y</i>																	
ANCHORS. <i>Mechanical tests by John Brown & Co. Ltd. Glasgow 24/1/1900</i>																	
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.					
		Wts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.										
43807	1st Bower	59	1	13				47	19	2	1	58	2	0	Stockless.	H. Hargreaves & Co. Ltd. Newcastle-on-Tyne.	14/1/1900
43815	2nd "	59	0	3				47	16	2	7	58	2	0	"	"	16/1/1900
43816	3rd "	49	3	2				42	5	3	21	49	3	0	"	"	16/1/1900
	4th "														"	"	
	Collector weight	169	0	18								166	3	0			
4804	Stream	14	2	22	3	2	12	16	5	2	14	14	0	0	Common.	H. Hargreaves & Co. Ltd. Glasgow.	14/1/1900
4805	Kedge	7	0	5	1	3	16	9	5	0	0	7	0	0	"	"	14/1/1900
CHAIN CABLES.																	
Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towing.	Fathoms and Size per Table 22.			
				Supplied.	Per Table 22.												
2446	134	2 1/2	82	9	1	270	2 1/2	64	5	3	0	Shankless.	H. Hargreaves & Co. Ltd. Glasgow.	14/1/1900			
2444	60	2 1/2	82	9	1	146	0	1				"	"	14/1/1900			
2445	75	2 1/2	82	9	1	182	0	1				"	"	14/1/1900			
	90	1 1/2	47	4	1	90	1 1/2	47	4	1	1	Shankless.	H. Hargreaves & Co. Ltd. Glasgow.	14/1/1900			
HAWERS AND WARPS.																	
Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towing.	Fathoms and Size per Table 22.			
				Supplied.	Per Table 22.												
2446	134	2 1/2	82	9	1	270	2 1/2	64	5	3	0	Shankless.	H. Hargreaves & Co. Ltd. Glasgow.	14/1/1900			
2444	60	2 1/2	82	9	1	146	0	1				"	"	14/1/1900			
2445	75	2 1/2	82	9	1	182	0	1				"	"	14/1/1900			
	90	1 1/2	47	4	1	90	1 1/2	47	4	1	1	Shankless.	H. Hargreaves & Co. Ltd. Glasgow.	14/1/1900			
Boats. <i>4 Boats. 3 Lifeboats & 1 other.</i>																	
Pumps. Number <i>As per approved plan (Daytonian).</i> Diameter of Barrel <i>8"</i> State whether they are in efficient working order <i>Yes.</i>																	
Windlass is <i>Common Pattern & Thompson.</i> (Steam) Capstan <i>✓</i>																	
Engine Room Skylights. How constructed? <i>Steel.</i>																	
What arrangements for deadlights in bad weather? <i>Leak covers & shutters.</i>																	
Coal Bunker Openings. How constructed? <i>As per approved plan (Daytonian).</i> Lockings <i>✓</i>																	
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>8 Scuppers on each side.</i>																	
Ceiling in Holds, thickness and material. <i>2 1/2"</i> Ceiling 'tween Decks, thickness and material. <i>2"</i>																	
Cargo Hatchways. How formed? <i>Plates & frames in the usual manner.</i> Hatches, If strong and efficient? <i>Yes.</i>																	
State size No. 1 Hatch (Forward) <i>21.6 x 16.0</i> No. 2 Hatch <i>21.6 x 16.0</i> No. 3 Hatch <i>21.6 x 16.0</i> No. 4 Hatch <i>21.6 x 16.0</i>																	
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>As per approved plan (Daytonian).</i>																	
No. of Breasthooks <i>Eight</i> No. of Crutches <i>Two</i>																	
Bulwarks, height above deck and description <i>As per approved plan (Daytonian).</i>																	
The above is a correct description <i>✓</i>																	
Builder's Signature (here only) <i>Russell & Co.</i> Surveyor's Signature <i>W. Phillips</i> 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 this case) *1899, Aug. 24, Aug. 26, Aug. 27, Aug. 28, Sept. (E) 18, Nov. (M) 20, Nov. 25, Nov. 5, Dec. 11, Dec. 19, (M) 24, April 16, June.*

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? *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 plating? *A few at butts only.*

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 *good.*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *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 letter of above date and in other respects in accordance with the Rules, and the workmanship is good. There is a counter of 1/2" on the keel of this vessel.*

This vessel received slight damage to bottom while launching. She was afterwards placed in Dry Dock at Glasgow and repaired for particulars of same please see separate Rpt. R. 12764 and Damage Survey Report attached.

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). 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) *(2) (Steel) & Deep Framing & Shade Str.*

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *Portland 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 system.*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft.	118.0	282	Fore peak tank.	21.0	74
Double bottom, under Engines and Boilers.			After peak tank.	28.0	116
Double bottom, under Engines only.	26.0	90	Midship deep tank.		
Double bottom, under Boilers only.	18.0	60	Other tanks, if fitted.		
Double bottom, forward.	168.0	476			

* 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. *2025*

Date *28. Aug. 1899*

No. *459* in builder's yard.

Fees applied for, *5* Received by me, *2.8* Travelling Expenses, if any *2.8*

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

I am of opinion this Vessel should be Classed *100 A-1 (Steel) Shade Str.*

Without Freeboard, as condition of Class *✓*

Committee's Minute *Glasgow. 7-AUG-1900*

Character assigned ** 100 A-1 Steel. Shade Str. "Lloyds A.C.P."*

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

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