

Spar or Awning Dk. IRON OR STEEL STEAMER.

No. 14051

Port of Glasgow Date of completion of Report 30 October 1895 Received at London Office SAT. 2 NOV 1895
 Survey held at Glasgow Date, First Survey 26 December 1894 Last Survey 26 October 1895
 On the Paddle Steamer "Prins Hendrik" Rig Schooner

TONNAGE under Tonnage Deck... 1103.40
 Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. 634.31
Total under Upper Deck 1737.71
 Do. of Poop
 Do. of Bridge House
 Do. of Forecasts
 Do. of Houses on Deck 72.33
 Do. of excess of Hatchways
 Do. above Crown of Engine Room
Gross Tonnage 1869.04
 Less Crew Space 102.43
 Less above Crown of Engine Room
TONNAGE FOR FEES... 1466.61
 Less Engine Room 1005.84
 Less Navigation Spaces 8.48
Register Tonnage as cut on Beam... 751.99

SPAR, AWNING OR PART AWNING-DECKED VESSEL,
 or a Vessel having a continuous Shade Deck.
CLASS A "awning deck"
 "for channel purposes" FEET.
Half Breadth (moulded) 14.84
Depth from upper part of keel to top of Main Deck Beams 14.25
Girth of Half Midship Frame (as per Rule) 31.60
1st Number 66.42
Length 318.4
2nd Number 21263
Proportions—Breadths to Length 8.91
Depths to Length—Main Deck to top of Keel 18.47
Destined Voyage Holland

Master not known
Year of Appointment (1) As Master in service of owner of present vessel:—18
 (2) As Master of this vessel:—18
Built at Glasgow
When built 1895 **Launched** 22 Aug. 1895
By whom built Fairfield Shipbuilding & Repair Co. Ltd.
Owners Zeeland Stoomvaart Maatschappij.
Managers
 (Where necessary to be entered in Reg. Book.)
Residence Flushing, Holland
Port belonging to Amsterdam
If Surveyed while Building, Afloat, or in Dry Dock at Govan

LENGTH on Deck Feet. 318 Inches. 82 **BREADTH**—Feet. 35 Inches. 9 **DEPTH**, top of Floors to Spar or Awn. Dk. Beams Feet. 23 Inches. 6 Do. do. Main Deck Beams 16 6
 Dimensions of Ship per Register, Length 320.0 breadth 35.85 depth 23.6 Spar or Awn. Dk. 16.0 Main Deck. Moulded depth, ft. 16 ins. 9 To Main Dk. Round up of Beam, Main Dk. 6 ins.

FRAMING.						FORGINGS AND CASTINGS.					
		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.			Inches in Ship.			Inches per Rule Or as Approved.
FRAME, Angles, or L or C Bars, for length amidships		4	3	4	3	KEEL, Bar or Side Plates, depth and thickness					
Do. for 1 at each end		4	3	6	4	STEM, moulding and thickness		7 1/2 x 1 3/4		7 1/2 x 1 3/4	
Do. in way of Double Bottoms at Solid Floors		3 1/2	3	6	3 1/2	STERN-POST for Rudder do. do.		Steel casting		as approved	
for 1/2 at each end, and at intermdt. Bkts.		24			24	" " for Propeller					
Distance of Frames from moulding edge to moulding edge, all fore and aft		3	3	4	3	MAIN PIECE of Rudder, diameter at head		8 1/4		8 1/4	
REVERSED FRAME, Angles, or E. Space		3	3	4	3	do. at heel		4 1/4		4 1/4	
DEEP FRAMING, depth of girder, or E. Space		3	3	6	3	RUDDER, how constructed		Forged Frame Plate Rides			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		15		7.6	15	Can the Rudder be unshipped afloat?		Yes			
" in way of Engines and Boilers		15		8	15	KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
" thickness at the ends of vessel		15		5	15	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate		15	Bolts	8	15
" depth at 1/2 the half-bdth. as per Rule		7 1/2		7 1/2	5	Bulb Plate to Intercoastal Keelson		19	2 1/2	8	19
" height extended at the Bilges		30		30		Horizontal Plates on Floors under Boilers		21	Holds	7.6	21
FLOORS & BRACKETS, in Cell Dble Bottoms						Angles in E. & B. Space on upper edge of floor		6	3	8	6
Distance apart						SIDE KEELSON, Angles		4	3	8	4
CENTRE GIRDER, in Double bottom, depth and thickness						Bulb or Plate above floors, for lng.		4	3	8	4
" Angles, Top						Intercoastal Plate, for 190 ft. length					
" " Bottom						Attached to outside plating with Angle flange		7			7
SIDE GIRDERS, number and thickness						BILGE KEELSON, Angles		4	3	8	4
" Angles						Bulb or Plate above floors, for lng.					
MARGIN PLATE, depth (exclusive of flange) and thickness						Intercoastal Plate, for 130 ft. length		7			7
" Angles						Attached to outside plating with Angle flange					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						BILGE STRINGER Angles					
" thickness in Engine and Boiler space						Bulb Plate, for length					
Remainder in Holds						Intercoastal Plate, for length					
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		5	3	4	5	Attached to outside plating with Angle					
" Angles on upper edge						SIDE STRINGER Angles					
Average space		48			48	Bulb or Intercoastal Plate, for lng.					
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		7	4 1/2	7	7	Attached to outside plating with Angle					
" Angles on upper edge		6	4 1/2	7	6	Spar, or Awning Deck Stringer Plates, breadth and thickness		24	7	24	7
Average space		48			48	Angle on ditto		3 x 3 x 6		3 x 3 x 6	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		6	3	4	6	Tie Plates, fore and aft, outside Hatchways		12	6	12	6
" Angles on upper edge						Diagonal Tie Plates, No. of prs.					
Average space		48			48	Deck * Iron or Steel for lng.					
BEAMS, Hold, or Orlop, Plate or Tee Bulb		3 1/2			3 1/2	Wood Deck. Material & thickness		2 3/4		2 3/4	
" Angles on upper edge						Main Deck Stringer Plate, breadth & thickness		48	9 1/2	48	9 1/2
Average space		48			48	Angles on ditto, No. 2 7/8 amidships		3 1/2 x 3 1/2 x 8		3 1/2 x 3 1/2 x 8	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		3 1/2			3 1/2	Tie Plates, outside Hatchways					
" Angles on upper edge						Diagonal Tie Plates, No. of prs.		4		12	7
Average space		48			48	Deck * Iron or Steel for 160 ft. lng.		(See Plan)	7.6		7.6
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb		3 1/2			3 1/2	Wood Deck. Material & thickness		2 3/4		2 3/4	
" Angles on upper edge						Lower Deck Stringer Plates, br'dth & thickn's		18	8	18	8
Average space		48			48	Angles on ditto, No. 2 7/8 in E & B Space		3 x 3 x 7		3 x 3 x 7	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		3 1/2			3 1/2	Tie Plates, outside Hatchways		4 x 3 x 8		4 x 3 x 8	
" Angles on upper edge						Deck * Material and thickness		2 1/2		2 1/2	
Average space		48			48	Hold, or Orlop Stringer Plate, br'dth & thkn's					
PILLARS, In tween Deck, size and spacing		3 1/2			3 1/2	Angles on ditto, No.					
" Hold						Tie Plates					
" Quarter, tween Dks., "						Deck. Material and thickness					
" in Hold						Poop Deck Stringer Plate, breadth & thickness					
WEB FRAMES, In Fore Body, No. and spacing		4	variously spaced			Angles on ditto					
" No. of Side Stringers						Tie Plates					
WEB FRAMES, In E. & B. Space, No. & spacing		18			18	Deck. Material and thickness					
" br'dth. & thickness						Bridge Deck Stringer Plate, br'dth & thickness					
WEB FRAMES, In After Body, No. and spacing		3			3	Angle on ditto					
" br'dth. & thickness						Tie Plates					
BRACKET PLATES to Stringers between Web Frames, depth and thickness		18			18	Deck. Material and thickness					

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PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.			BUTTS.									
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL (If Bar Keel, state Riveting)	36	12	8	8		36	12	double	5 1/4	7/8	3 3/4	treble whole	7/8	3 1/2	16 3/4	14	20	✓	✓
GARBOARD OR A Strake	55	9	5	5		55	9	do	4 1/2	3/4	3	treble 120ft	3/4	2 7/8	14 1/4	11	20	✓	✓
State actual thickness in way of Double Bottom.								do	4 1/2	3/4	3	do	3/4	2 7/8	14 1/4	11	20	✓	✓
B		9	5	5			9	do	4 1/2	3/4	3	do	3/4	2 7/8	14 1/4	11	20	✓	✓
C		9	5	5			9	do	4 1/2	3/4	3	do	3/4	2 7/8	14 1/4	11	20	✓	✓
D		10	5	5			10	do	5 1/4	7/8	3 3/4	do	7/8	3 1/2	16 3/4	12	20	✓	✓
E		10	5	5			10	do	4 1/2	3/4	3	do	7/8	3 1/2	16 3/4	12	20	✓	✓
F		9	5	5			9	do	4 1/2	3/4	3	do	3/4	2 7/8	14 1/4	11	20	✓	✓
G		9	5	5			9	do	5 1/4	7/8	3 3/4	do	3/4	2 7/8	14 1/4	11	20	✓	✓
Main Sheerstrake H	48	12	7	7		48	12	single	3	3/4	3	do	7/8	3 1/2	16 3/4	9 1/2	20	✓	✓
J		8	5	5			8	single	2 1/2	3/4	3	double	3/4	2 7/8	9 1/4	8	20	✓	✓
K		10	5	5			10					do	7/8	3 1/2	11 1/4	8	20	✓	✓
L																			
M																			
N																			
O																			
P																			
Q																			
DOUBLING of Flat Plate Keel	25	9				25	9					treble	7/8	3 1/2	16 3/4	11	20		
Length and thickness of Bilges																			
of Sheerstrakes																			
of Strake below																			
POOP SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
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.?										Spar or Awning Butts, double riveted for whole length amidship.									
Scientific Marine Steel.										Stringer Plate (Straps, single, double or overlapped for whole length amidship.									
Manufactured at Portlough and										Main Stringer Butts, treble riveted for 120ft length amidship.									
Hallside works.										Plate (Straps, single, double or overlapped for 120ft length amidship.									
										Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted.									
										Inner Bottom Plating, riveting of Edges Butts.									
										Centre Girder Butts, riveted Keelson Butts, treble riveted.									
										Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 in. apart.									
										Rivets, state whether Iron or Steel Iron.									
FRAMES extend in one length from middle line to Awning deck on every frame.																			
REVERSED FRAMES on floors and frames extend from middle line to main deck stringer and hold stringer alternately.																			
To main deck on every frame between paddle beams.																			
MASTS, SPARS, &c.																			
Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. Riveting.																			
At Partners. Heel. Hounds. Head. Number. Size. Seams. Butts.																			
LOWER MASTS. Fore Main Mizzen P. Pine Poles.																			
Bowsprit.																			
Topmasts, Yards and Remainder of Spars.																			
Rigging, Material and Size, Shrouds 2 1/2 in galvanised steel wire. Stays 4 x 2 1/2 galvanised steel wire.																			
Sails. One Suit of Sails, and the following spare sails 3 in No.																			
EQUIPMENT No. 23921 LETTER R. ANCHORS. as approved in sister vessel.																			
Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQ. BY RULE. Description of Anchor. Makers. Where and when tested and Superintendent.																			
Cwts. qrs. lbs. Cwts. qrs. lbs. Tons. cwt. qrs. lbs. Cwts. qrs. lbs. It Patent state Name of Patentee.																			
36650 1st Bower 37 3 3 Stockless 34 8 0 14 37 2 0 Halls Stockless N. Hingley & Sons Netherton 3/17 H. Green																			
36649 2nd ,, 34 0 26 do 31 16 1 0 34 1 0 do do do 2/95 do																			
36673 3rd ,, 24 3 26 7 0 3 27 2 2 0 28 0 0 7 3 Refus I.S. do do do do do																			
Collective weight 99 3 27 7 0 3 27 2 2 0 99 3 0 Rule total 106 3 0																			
36685 Stream 9 1 12 2 1 8 11 9 0 7 9 2 0 Ordinary do do do 2/8/95 do																			
36684 Kedge 4 3 21 1 0 24 7 7 2 0 4 3 0 do do do 2/8/95 do																			
2nd Kedge ..																			
CHAIN CABLES. HAWSERS AND WARPS.																			
Number of Certificate. Fathoms. Size. Test per Certificate. Tons. WEIGHT OF CHAIN CABLE. Fathoms and Size Per Rule. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size Per Rule.																			
Supplied. Per Rule. Tons. cwt. qrs. lbs. Fathoms. Size. It Patent state Name of Patentee.																			
24506 120 1 3/4 77.2.2 185.2.07370.1.22 240.1.14 Steel Link N. Hingley & Sons Netherton 2/95 H. Green																			
25242 120 1 3/4 do 185.1.25 do do do 2/8/95 do																			
26796 75 1 1/6 27.0.0 47.1.24 46.1.9 75.1.16 do do do 2/8/95 do																			
Iron Stream Chain or Steel Wire																			
Boats 6																			
Pumps, Number 2 of Stones Navy Pumps with a Suction in Diameter of Barrel and Tail Pipe 5" barrels - 2 1/2 tail pipe																			
Windlass is Harfield's Patent Capstan do																			
Engine Room Skylights. How constructed? Steel casings and Teak Skylight over																			
What arrangements for deadlights in bad weather? Brass guard rods and tarpaulins																			
Coal Bunker Openings. How constructed? Cast iron frames How are lids secured? Bayonet Couplings Height above deck? 4' 6"																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. No ports. Vessel has open tanks above 6 scuppers on each side																			
Ceiling in Holds, thickness and material 1 3/4 Red Pine Ceiling 'tween Decks, thickness and material 1 1/2 spanning of Red Pine																			
Cargo Hatchways. How formed? Coamings 16 x 7 1/2 Hatches, If strong and efficient? Yes																			
State size No. 1 Hatch (Forward) at 3' 9" x 8' 0" No. 2 Hatch 8' 0" x 12' 0" No. 3 Hatch 6' 4" x 8' 0" No. 4 Hatch																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch A wood fore and after to No. 2 and 3 Hatchways																			
No. of Breasthooks 5 No. of Crutches 3 and deep floor																			
Bulwarks, height above deck and description Rails and stanchions Main Rail, material and size 4 x 2 1/4 Teak																			
The above is a correct description. AND ENGINEERING CO., LIMITED																			
Builder's Signature (here only.) Surveyor's Signature J. Hearee Lloyd's Register																			
Surveyor to Lloyd's Register of British & Foreign Shipping.																			

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Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)
21/12/94. 31/1/95. 6/2/95. 16/2/95. 20/2/95. 28/2/95. 8/3/95. 20/3/95

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed and fitted*
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? *No*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

General Remarks (State quality of workmanship, &c.)
This is a steel awning deck paddle steamer, built in accordance with the approved plans attached hereto and with the Rules generally for the class contemplated. The pumps, gutter waterways &c have been tested. The materials and workmanship are good. An installation of Electric lighting has been fitted as described in Electric Light Survey Report attached hereto. This is a sister vessel to the "Koningin Wilhelmina" (Glasgow Report No 13918) and the "Koningin Regentes" (Glasgow Report No 14045) by same builders for the same owners.

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 dks and awning deck*
Official No. _____; Signal Letters _____
How are the surfaces preserved from oxidation? Inside *Paint Portland Cement* Outside *Paint*
Bituminous Cement in bulk

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

Where fitted.	Length Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, forward,			After peak tank,		
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,			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 ☒

Order for Special Survey No. <i>2833</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>1894. Dec 26. 1895 Jan 10. 14. 23. 29 Feb 12. 27 Mar</i>
Date <i>23 Jan 1895</i>		2nd. On the plating during the process of riveting	<i>5. 13. 25. April 1. 4. 17. 18 28. May 2. 9. 15. 23. 24. 30</i>
Order for Ordinary Survey No. <input checked="" type="checkbox"/>		3rd. When the beams were in and fastened, and before the decks were laid	<i>June 6. 12. 17. 24. 27 July 3. 9. 23. 28. 29 Aug 1. 5. 7. 8. 15. 21</i>
Date <input checked="" type="checkbox"/>		4th. When the ship was complete, and before the plating was finally coated or cemented	<i>28. 29. Sept 5. 10. 13. 19 25</i>
No. <i>386</i> in builder's yard.		5th. After the ship was launched and equipped	<i>Oct 1. 2. 14. 17. 23 25. 26</i>

Total No. of Visits *51*

The amount of Entry Fee£ *41* : :
Special Survey Fee£ *69* : *3* : *6*
Travelling Expenses, if any £ " : " : "
Fees applied for, *30/10/ 18.95*
Received by me, *5. 11. 18.95*
Certificate to be sent to *Glasgow*

I am of opinion this Vessel should be Classed *1 "Steel" "Awning Deck"*
With, or without Freeboard, as condition of Class *of 2 1/4 ft from main deck at side*
Surveyor to Lloyd's Register of British and Foreign Shipping. *J. Shearley*

Committee's Minute
Character assigned
2 atcp + 2 mc 10, 95
2 dks 2 Awning dks
ALL Steel
Awning dks with fbd. 8. 10" 10"
for channel purposes
Flushing + Queenboro
TUES. 5 NOV 1895