

## 3 Decks.

## IRON OR STEEL STEAMER.

Received at London Office

Date of completion of report 9 October 1910  
Survey held at Amsterdam  
On the *Steel Twin Screw Steamer Prinses Juliana*  
TONNAGE under 4810.38  
Tonnage Deck 1621.81  
Do. between Tonnage Dk. and 3rd and 4th Dk. 6432.19  
Total under Upper Dk. 1125.84  
Do. of Poop 86.29  
Do. of Bridge House 1410.44  
Do. of Forecastle  
Do. of Houses on Dk.  
Do. of excess of Hatchways  
Do. above Crown of Engine Room 8055.06  
Gross Tonnage 439.48  
Less Crew Space 7615.61  
Less above Crown of Engine Room 2577.62  
TONNAGE FOR FEES 65.16  
Less Engine Room  
Less Navigation Spaces  
Register Tonnage 4972.83  
as cut on Beam  
Destined Voyage East Indies  
If Surveyed while Building, Afloat, or in Dry Dock Building  
Port of Amsterdam  
Date, First Survey 30 March 1909.  
Last Survey 28 September 1910.  
Rig two pole mast  
Master D. V. V. V.  
Year of appointment 1910  
Built at Amsterdam  
When built 1910 Launched 1 June 1910  
By whom built Ned Scheepbouw Maats  
Owners Stoomvaart Maatschappij Nederland  
Managers J. van der Meer & Co.  
Residence Amsterdam  
Port belonging to Amsterdam

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams	Round of Upper Dk. Beam, Actual	Inches per Rule Or as Approved.
453	0		55	0		12	0		3	3	9	ins.
Dimensions of Ship per Register, Length 455.16 breadth 55.2 depth 30.81' Moulded depth, ft. 29												
FRAMING.						FORGINGS or CASTINGS.						
FRAME, Angle, Bars for 1/2 length amidships						KEEL, Bar or Side Plates, depth and thickness						
Do. for 1/2 at each end						STEM, moulding and thickness						
Do. in way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.						
at intermdt. Bkts.						for Propeller						
Spacing of Frames from centre to centre						MAIN PIECE of Rudder, diameter at head						
REVERSED FRAME, Angles, in D.B.						do. at heel						
DEEP FRAMING, depth of girder						RUDDER, how constructed						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Single plate with coupling						
in way of Engines and Boilers						Can the Rudder be unshipped afloat?						
thickness at the ends of vessel						Yes						
depth at 1/2 the half breadth, as per Rule						KEELSONS & STRINGERS.						
height extended at the Bilges						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
FLOORS & BRACKETS in Cell Dble Bottoms						Rider Plate						
flanged (top & bottom)						Bulb Plate to Intercoastal Keelson						
Spacing						Horizontal Plates on Floors						
CENTRE GIRDER, in Double bottom, depth and thickness						Angles						
Angles, Top						SIDE KEELSON, Angles						
Bottom						Bulb or Plate above floors, for length						
SIDE GIRDERS, number on each side & thickness state if flanged (top and bottom)						Intercoastal Plate, for length						
Angles						Attached to outside Plating with Angle						
MARGIN PLATE, depth (exclusive of flange) and thickness						BILGE KEELSON, Angles						
Angles to Outside Plating						Bulb or Plate above floors, for length						
Floors						Intercoastal Plate for length						
Height of Floors at the Bilges						Attached to outside Plating with Angle						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						BILGE STRINGER Angles						
in Engine and Boiler space						Bulb Plate for length						
Remainder in Holds						Intercoastal Plate for full length						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						Attached to outside Plating with Angle						
Angles on upper edge at fore end						SIDE STRINGER Angles						
Spacing						Bulb or Plate above floors, for length						
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						Intercoastal Plate, for full length						
Angles on upper edge at fore end						Attached to outside plating with Angle						
Spacing						SHEDDER						
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						Deck Stringer Plates, br'dth & thickness						
Angles on upper edge at fore end						Angle on ditto						
Spacing						Tie Plates, outside Hatchways						
BEAMS, Hold, or Orlop, Plate or Tee Bulb						Deck, * Iron or Steel, for whole length						
Angles on upper edge at fore end						Wood Deck. Material & thickness						
Spacing						Deck Stringer Plate, br'dth & thickness						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						Angles on ditto, No.						
Angles on upper edge						Tie Plates outside Hatchways						
Spacing						Deck, Material and thickness						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						Poop Deck Stringer Plate, breadth & thickness						
Angles on upper edge						Angle on ditto						
Spacing						Tie Plates						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						Deck, Material and thickness						
Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns						
Spacing						Angle on ditto						
PILLARS, In 'tween Deck, size and spacing						Tie Plates						
Hold						Deck, Material and thickness						
Quarter 'tween Dks.,						STIFFENERS.						
in Hold						Horizontal.						
WEB-FRAMES, In Fore Body, No. and spacing						Vertical.						
br'dth. & thickness						Single or Double Frames.						
No. of Side Stringers						Height up.						
WEB-FRAMES, In E. & B. Space, No. & spacing						BULKHEADS.						
br'dth. & thickness						Number in Vessel.						
WEB-FRAMES, In After Body, No. and spacing						Thickness.						
br'dth. & thickness						Horizontal.						
No. of Side Stringers						Vertical.						
Size of Angles or Tee Bars to Web-Frames						W. T. BULKHEADS						
BRACKET PLATES to Stringers between Web Frames, depth and thickness						PARTITION						
						LONGITUDINAL						
						Are the outside Plates doubled two spaces of Frames in length?						
						Are the Sluice Valves and Watertight Doors in efficient working order?						

(112)W21-0245



PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES, Ordinary or jogged? BUTTS. Double or Treble and for what Length. RIVETS. Diam. Spacing cr. to cr. STRAPS. Breadth. Thickness. IF LAPPED. Breadth. For what Length. Feet.

FLAT PLATE KEEL (If Bar Keel, state Riveting.) GABBOARD OF A Strake... State actual thickness in way of Double Bottom.

DOUBLING of Flat Plate Keel Length and thickness of Bilge of Sheerstrake of Strake below

POOP SIDES DECK HOUSE 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.?

FRAMES extend in one length from margin plate to Sheerstrake REVERSED FRAMES on floors and frames extend from frames & rev frames in one

MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.

Fore Main Mizzen

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds Stays Fore mast two of 4" 1 one 3 1/2 Main mast .. 4 1/2 " 3

Sails. Suit of Sails, and the following spare sails

EQUIPMENT No. 60690 LETTER CT ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 22. Description of Anchor. Makers. Where and when tested and Superintendent.

1st Bower 2nd 3rd 4th Collective weight Stream Kedge

CHAIN CABLES. Number of Certificate. Length and size supplied. Test per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 22. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire Towline. Length and size per Table 22.

43942 43945

HAWERS AND WARPS. Number of Certificate. Length and size supplied. Test per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 22. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire Towline. Length and size per Table 22.

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Boats. Pumps, Number. Windlass is. Engine Room Skylights. What arrangements for deadlights in bad weather? Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks No. of Crutches. Bulwarks, height above deck and description. The above is a correct description. Builder's Signature (here only) Surveyor's Signature. Surveyor to Lloyd's Register of British and Foreign Shipping.

Write "Sheer Strake" opposite its corresponding letter.

16 30.

Form No. 1E.

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Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *March 24 Copy of L.L. all letters of the 24<sup>th</sup> and 30<sup>th</sup>. April 8 & 29. May 17 & 20. June 1. July 2. Oct 19 and 26. Nov 8-1909. Feb 24. May 30 and Sept 14. 1910*

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*

to plate, &c., conform well to each other? *Yes*

from the faying surfaces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

Do any rivets break into or through the seams or butts of the plating? *None*

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

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 Society's rules and approved plans which are herewith returned to London Office. Material of good ductile quality and tested as required. Workmanship throughout good.*

*Double bottom and peak tanks & all weather decks tested & found tight. W.T. bulkheads ditto. Mechanical closing of all doors from bridge found efficient. Steering gear, Brown telemotor, Windlass, handpumps all in good working condition. Steam and Electric winches ditto. Gleyton's disinfecting & fire apparatus. Wireless telegraph and Club signal apparatus fitted.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *43.75* ft., R.Q.D. or Break *Promenade 273'* ft., Bridge/Dk. *73.25* ft., F'castle *73.25* 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) *100 Steel decks, Steel Shelter deck, W.S. and Teak, 5 tiers of Beams & Orlop beams in 1<sup>st</sup> hull*

Official No. *—*; Signal Letters *—*

State if Machinery is fitted aft *Midships*

How are the surfaces preserved from oxidation? Inside *Paint & Cement*

Outside *Anti Corrosion & anti fouling Comp*

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, <i>under 1<sup>st</sup> hold freshwater</i>	<i>47'-11"</i>	<i>54.5</i>	Fore peak tank, <i>freshwater</i>	<i>27'-0"</i>	<i>67.5</i>
Double bottom, <i>under Engines and Boilers</i>	<i>60'-5"</i>	<i>171.5</i>	After peak tank,	<i>22'-11"</i>	<i>68.5</i>
Double bottom, <i>under Engines</i> <i>dry freshwater</i>	<i>56'-3"</i>	<i>221.5</i>	Deep tank, aft,		
Double bottom, if under Boilers only, <i>dry tank</i>	<i>52'-1"</i>		Deep tank, forward,		
Double bottom, forward,	<i>147'-11"</i>	<i>435.5</i>	Other tanks, if fitted,		
Total capacity		<i>881.5</i>	(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. *24*

Date *30 March 1909*

No. *105* in builder's yard.

DATES OF SURVEYS held while building

*March 30. April 6. May 14. June 10. 23. July 3. 26. August 2. 7. 16. 26. Sept 4. 6. 16. 23. 30. Oct 2. 5. 9. 12. 18. 20. 23. November 9. 17. 19. 25. December 1. 3. 11. 14. 21. 1909. Jan 5. 11. 20. Feb 2. 3. 9. 15. 16. 18. 21. 22. 23. 25. March 2. 9. 14. 15. 17. 19. 25. April 1. 5. 13. 15. 29. May 6. 17. 21. 31. June 1. 4. 7. 10. 14. 23. 24. 25. July 1. 6. 12. 22. August 9. 16. 19. 20. 23. 25. 27. 31. Sept 1. 3. 6. 7. 9. 12. 15. 20. 21. 23. 25 and 28*

Total No. of Visits *93.*

Freeboard fee £ *6 : 6 : 0*  
The amount of Entry Fee ..... £ *5 : 0 : 0*  
Special Survey Fee .... £ *215 : 8 : 0*  
Travelling Expenses, if any £ *2 : 5 : 8*

Fees applied for, *October 1910*  
Received by me, *October 1910*

Certificates to be sent to

*J. H. H. H.*

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

I am of opinion this Vessel should be Classed

*100 A 1 Shelter deck*

With, or without Freeboard, as condition of Class *with freeboard*

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

Committee's Minute

Character assigned

*100 A 1*  
*Shelter deck with fld 11. 4"*

*Lloyds at 10/10*

*+ Lmb 9. 10*  
*7. 8*

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*Carb issued 14/10/10.*