

STEEL ~~STEAMER~~ OF MOTORSHIP.Received at London Office Oct 14 1938State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel SENT NOW.Date of completion of report 6TH OF OCTOBER 1938.Port of AMSTERDAM.No. 15406ASurvey held at HAARLEM. Date First Survey 3RD OF MARCH 1938 Last Survey 5TH OF OCTOBER 1938On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTORVESSEL "PRINS BERNHARD" (MACHINERY FITTED AFT.)State Type (Full Scantling, Complete Superstructure, or with or without Tonnage Openings) FULL SCANTLING. State Type of Erections POOP & FORECASTLE

TONNAGE under Tonnage Deck... <u>381</u>	CLASS <u>+ 100 A1</u> State if with freeboard as condition of Class <u>M.</u>	Built at <u>HAARLEM.</u>
Do. of space or spaces between Tonnage Dk and Upper Dk. <u>—</u>	Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) <u>L 51,630 M.</u>	Launched <u>20TH OF AUGUST 1938</u> Yard No. <u>352</u>
Total <u>381</u>	Breadth (greatest moulded) <u>B 8,040 M.</u>	Builders <u>N.V. HAARLEMSCHE SCHEEPSBOUW M.F. HAARLEM.</u>
Gross Tonnage <u>567</u>	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) <u>D 3,820 M.</u>	Owners <u>N.V. SURINAME VAARTUIGENDIENST.</u>
Register Tonnage <u>322</u>	1st Longitudinal Number (L x D) <u>= 198</u>	Managers <u>✓</u>
	2nd Numeral L x (B + D) <u>= 613</u>	(Where necessary to be entered in Reg. Book.)
REGISTERED DIMENSIONS.	Framing Depth "d." at middle of length. See Sec. 3 (1d) <u>3,085 M.</u>	Residence <u>S-GRAVENHAGE.</u>
Length <u>50,40 M.</u>	Proportions—Depth to Length—Uppermost continuous deck to top of keel <u>13,52</u>	Port of Registry <u>PARAMARIBO.</u>
Breadth <u>8,07 M.</u>	Do. Long Bridge to top of keel <u>✓</u>	If surveyed while building, afloat, or in dry dock
Depth <u>3,24 M.</u>	Draught Moulded <u>3,529 M.</u>	<u>WHILE BUILDING. ✓</u>


FRAMES, DOUBLE BOTTOM AND BEAMS.

	M/M IN SHIP.	Any Departure from Approved Plans to be Noted.		M/M IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<u>540</u>		Bracket Floors, Frame	<u>ANGLE 100 x 65 x 8</u>	✓
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	<u>540</u>		" " Reversed Frame <u>ANGLE</u> ...	<u>100 x 65 x 7</u>	✓
" " in peaks.....	<u>540</u>		" " Vertical Struts <u>CHANNEL</u>	<u>150 x 75 x 9 1/2</u>	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>735 x 9</u>	✓
Frame Amidships, Angle, <u>—</u>	<u>120 x 75 x 9</u>	✓	" " top Angles	<u>NONE (E.W.)</u>	✓
WEBFRAME EACH 4TH FR.			" " bottom Angles	<u>NONE (E.W.)</u>	✓
" " Extends up to <u>F.H.</u>	<u>F.B. DECK</u>		Side Girders, No. each side and thickness		
" " <u>E.W. 100 x 50 x 50 x 8 1/2</u>	<u>150 x 75 x 10</u>	✓	Margin Plate depth (excl. of flange) and thickness	<u>722 x 7 1/2</u>	✓
Reversed Frame Amidships, Angle			" " Vertical Angle to Tank side	<u>FLAT 65 x 7</u>	✓
" " Extends up to...	✓		" " Bracket abaft $\frac{1}{4}$ len. from stem	<u>EN. TO MARGIN PL.</u>	✓
Depth of Framing Girder	✓		" " Vertical Angle to Tank side	<u>D.O.</u>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	✓		" " Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	<u>D.O.</u>	✓
" " Second 'tween Decks, Angle, [or [.....	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	<u>FLAT 75 x 7</u>	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	<u>EN. TO TOP OF BILGE BRACKETS AND E.W. TO TOP OF MARGIN PL.</u>	✓
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem.....	<u>120 x 75 x 9</u>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<u>840 x 7 1/4</u>	✓
" " in Peaks, Angle <u>—</u>	<u>110 x 65 x 8</u>	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>16 M/M</u>		Breadth and thickness of Middle Line Strake ...	<u>1200 x 8</u>	✓
State if Frame Joggled	<u>ORDINARY.</u>	✓	Thickness of remainder in Holds	<u>7</u>	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>AS APPROVED.</u>	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>AS APPROVED</u>	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [.....	<u>150 x 75 x 8</u>	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, [or [.....	<u>100 x 65 x 8</u>	✓
Height of Brackets at side above base line at toe of frame			Spacing	<u>120 x 75 x 9</u>	✓
Middle Line Keelson, on Floors, Angles, [or [.....			Second Deck, amidships, Angle, [or [.....		
" " Through Plate or Intercostal Plate... ..			Spacing.....		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or [.....		
" " Flat Plate Keel Angles			Spacing.....		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [or [.....		
" " thickness of Intercostal Plate...			Spacing.....		
" " Angles			Poop Deck, Angle, [or [.....	<u>150 x 75 x 10</u>	✓
DOUBLE BOTTOM.			Spacing.....	<u>150 x 75 x 8</u>	✓
Solid Floors, thickness and spacing	<u>7 M/M 2160 M/M APART</u>	✓	Bridge Deck, Angle, [or [.....	<u>1080</u>	✓
" " Are Frame and Reversed Frame joggled?	<u>NO</u>	✓	Spacing.....		
Bracket Floors, breadth and thickness at middle line	<u>550 x 7 M/M</u>	✓	Forecastle Deck, Angle, [or [.....	<u>90 x 8</u>	✓
" " breadth and thickness at margin plate.....	<u>550 x 7 M/M</u>	✓	Spacing	<u>EN. TO DECK IN CONJ. WITH GIRDERS SPACED 1080. 1650 M/M APART</u>	✓

PILLARS AND DECKS.

	M/IN IN SHIP.	Any Departure from Approved Plans to be Noted.	M/IN IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	ONE ROW ✓		Stringer Plate, breadth and thickness in way of Bridge	✓
" in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells	✓
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓
" in Holds " "	CLEAR OF HATCHWAYS 5 OR 6 FT. SPACES APART ✓ PLATE 7/16" EN. 300 ✓		Thickness of Plating within line of openings...	✓
" " " " " "	320" AND TUBE PILLARS EXT. Ø 180 1/4" X 10 1/4" ✓ ALL AS APPROVED THICK ✓		If Sheathed, material and thickness	✓
Centre Line Bulkhead.			Third Deck.	
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓
Plating, thickness of	✓		If Plated, state thickness.....	✓
STRINGERS AND DECKS.			Fourth Deck.	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓
Stringer Plate, breadth and thickness in Wells	1500x9 ✓		If Plated, state thickness	✓
" " " " in way of POOP AT BREAK	1500x13 ✓		Poop Deck.	
" Angle in Wells	75x75x9 ✓		Stringer Plate, breadth and thickness	1500x7 1/2 ✓
Thickness of Plating abreast Deck openings in way of Wells	7 1/2 ✓		Plating, Sheathing, material and thickness	6 1/2 TO 7 1/2 ✓ PARTLY SHEATHED WITH 50 1/4" TEAK ✓
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.	
Thickness of Plating within line of openings...	7 1/2 ✓		Stringer Plate, breadth and thickness.....	✓
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓
Second Deck.			Forecastle Deck.	
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	6 1/2 1/4 ✓
			Plating, Sheathing, material and thickness ...	6 1/2 1/4 SHEATHED WITH 50 1/4" TEAK. ✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>NOT JOGGED</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. <i>1 1/4</i>	Thickness. <i>1 1/4</i>	Thickness. <i>1 1/4</i>	Thickness. <i>1 1/4</i>			Diam. <i>1 1/4</i>	Spacing or to cr. <i>1 1/4</i>		Diam. <i>1 1/4</i>	Spacing or to cr. <i>1 1/4</i>		
FLAT PLATE KEEL	1000	11 ✓	11 ✓	10 ✓		DOUBLE	19	77	✓	✓	✓	✓	<i>EW. BUTT.</i> 
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes <i>2 STRAKES.</i>	<i>A</i> 1600	<i>8 1/2</i> ✓	<i>9 1/2</i> ✓	<i>8 1/2</i> ✓		<i>SINGLE FORN. OF 1/4 L IN CONJ. WITH E.W. OF INSIDE EDGES OF BEAMS</i>	<i>16</i>	<i>67 1/2</i>	✓	2	<i>16</i>	<i>56</i>	<i>LAPPED BUTTS AMIDSHIPS E.W. FORWARD & AFT RIVETED, LAPPED</i>
BILGE PLATING, No. of Strakes <i>ONE STRAKE...</i>	<i>C</i> 1500	<i>8 1/2</i> ✓	<i>9</i> ✓	<i>8 1/2</i> ✓		SINGLE				2	<i>16</i>	<i>56</i>	
SIDE PLATING, No. of Strakes <i>ONE STRAKE...</i>	<i>A</i> 1500	<i>8 1/2</i> ✓	<i>8 1/2</i> ✓	<i>7 1/2</i> ✓		SINGLE	16	67 1/2	✓	2	16	56	LAPPED ✓
UPPER DECK, Sheer-strake in Wells.....	<i>E</i> 1500	<i>9</i> ✓	<i>8 1/2</i> ✓	<i>7 1/2</i> ✓		SINGLE	16	67 1/2	✓	2	16	56	LAPPED ✓
UPPER DECK, Sheer-strake in Bridge <i>POOP AT BASE</i>	1500	13 ✓	✓	✓		DOUBLE	19	77	✓	3	19	66	LAPPED ✓
STRAKE BELOW Sheer-strake in Wells.....	<i>= D - STRAKE</i>					✓							
STRAKE BELOW Sheer-strake in Bridge Poop	✓	<i>8 1/2</i> ✓	✓	✓		✓							
POOP SIDE PLATING	✓	✓	✓	<i>8 1/2</i> ✓		SINGLE	16	67 1/2	✓	2	16	56	LAPPED ✓
BRIDGE SIDE PLATING ...	✓	✓	✓	✓		✓							
FORE'C'TLE SIDE PLATING	✓	✓	<i>6 1/2</i> ✓	✓		SINGLE	16	67 1/2	✓	2	16	56	LAPPED ✓

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		4 BH in R.B.	
Extending to Upper Deck (Sec. 3 c)		FIVE W.T. BULKHEADS.	
,, Deck next below		✓	
As per Rule		✓	
		STIFFENERS.	
Plating Thickness.			
4/4			
		VERTICAL.	
		HORIZONTAL.	
		Scantlings.	
		Spacing.	
		Scantlings.	
		Spacing.	
MIDSHIP BULKHEAD, Upper tween decks		✓	✓
,, Second ,,		✓	✓
,, This (COFFER DAM BHD'S BUILT UP ON DB. TANK TOP)		8-7/12-62	75x50x7 670
,, Holds ENG. ROOM BHD		8-7/12-62	100x65x8 670
COLLISION (in Hold)		10-7/12-7	120x75x10 100x75x8 1500
AFTER PEAK		10-7/12-7	120x75x9 90x65x7 610
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		OPEN HEARTH PROCESS ✓	
STEEL.		CARNEGIE ILLINOIS STEEL CORPORATION; CONSETT IRON WORKS, CONSETT; THE ETNA IRON & STEEL CO. LD. MOTHERWELL; THE STEEL CAMP OF SCOTLAND, HALLSIDE.	
Has the Steel been tested as required by the Rules?		YES. ✓	

