

# STEEL STEAMER OR MOTORSHIP.

21 NOV 1953

Received at London Office

State if Report has been sent on the Freeboard of the Vessel. YES

State if Report is sent on the Machinery of the Vessel..... **YES**

Date of completion of report.....13-11-53..... Port of GRONINGEN..... No. 007

Survey held at WATERHUIZEN Date First Survey 22.12.52 Last Survey 4/11 1953

On the (State if Machinery fitted Aft and  
if Single, Twin or Triple Screw) single screw steel m.v. PUSPARAGAM mchy aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Fall Scantling State Type of Erections F/Sls - RCD - Bridge - Poop

TONNAGE under } 430.42  
Tonnage Deck ... }

Do. of space or spaces  
between Tonnage Dk.  
and Upper Dk. }

Total \_\_\_\_\_

ss Tonnage 668.50

Master Tonnage ..... 290.23

REGISTERED DIMENSIONS.

174.3

width 31.9

7.2

CLASS ~~100A1~~ 100A1

State if with freeboard } **No**  
as condition of Class }

Length from fore part of stem to after part of stern } 171.6  
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) ..... B 31.82

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... } D 9.71

1st Longitudinal Number (L x D).....

2nd Numeral  $L \times (B + D)$  .....=

Framing Depth "d," at middle of length. See }  
Sec. 3 (1d).

Proportions—Depth to Length—Uppermost continuous deck to top of keel .....

Do. Long Bridge to }

See "PERMATA" top of keel } 51

Built at Waterhuizen

Launched 11-7-53 Yard No. 217

Builders N.V. Schw. "Waterhuizen" J. Pattje

Owners Republik Indonesia

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

Residence Djakarta

Port of Registry Djakarta

If surveyed while building, afloat, or in dry dock  
while building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

		MAIN SHIP.	Any Departure from Approved Plans to be Noted.			MAIN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....		550	/	Bracket Floors, Frame .....		130 75 9	130.65.9
" " from 1/2 length amidships to Collision bulkhead.....		550	/	" " Reversed Frame.....		100 65 7	90.65.7
" " in peaks .....		550	/	" " Vertical Struts .....		NP 14	NP 12
SIDE FRAMING.				Centre Girder, depth and thickness amidships		750 9	/
Frame Amidships, Angle, <del>100</del> .....		130 75 8	90.65.8 1/2	" " top Angles .....		E.W.	/
" " Extends up to.....		free b. deck	/	" " bottom Angles.....		E.W.	/
Reversed Frame Amidships, Angle .....		✓		Side Girders, No. each side and thickness..		250 65 7	/
" " Extends up to .....		✓		Margin Plate depth (excl. of flange) and thickness .....		680 8	/
Depth of Framing Girder.....		✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....		EW	/
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....		✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....		EW	/
" " Second 'tween Decks, Angle, [ or ] .....		✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		-	
" " Third " " " " .....		✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....		-	
" " from 1/2 len. for'd. to 15% len. from Stem .....		130 75 8	115.65.7 1/2	Tank Side Brackets, height above base line at toe of Frame and thickness		1020 7	/
" " in Peaks, Angle <del>100</del> .....		100 65 8	/	INNER BOTTOM PLATING.			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....		5/8" 7 d	/	Breadth and thickness of Middle Line Strake...		1220 8	/
State if Frame Joggled.....		no	/	Thickness of remainder in Holds .....		7	/
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....		yes	/	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?.....		yes	/	BEAMS. Freeboard deck			
SINGLE BOTTOM.				Uppermost Continuous Deck, amidships in Wells, Angle, <del>100</del> .....		75 75 7	75.50.6
Floors, Depth and thickness at mid-line in Holds.....				" " in way of Bridge, Angle, <del>100</del> .....		75 75 7	75.50.6
Height of Brackets at side above base line at toe of frame.....				Spacing .....		550	/
Middle Line Keelson, on Floors, Angles, [ or ] .....				Second Deck, amidships, Angle, [ or ] .....		✓	
" " Through Plate or Intercoastal 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 Intercoastal Plate.....				Spacing.....		✓	
" " Angles .....				Poop Deck, Angle, <del>100</del> .....		75 50 6	65.50.6
DOUBLE BOTTOM.				Spacing.....		550	/
Solid Floors, thickness and spacing .....		7 2200	/	Bridge Deck, Angle, <del>100</del> .....		75 75 7	75.65.7
" " Are Frame and Reversed Frame joggled? .....		no	/	Spacing.....		550	/
Bracket Floors, breadth and thickness at middle line .....		600 65 7	545	Forecastle Deck, Angle, <del>100</del> .....		75 50 7	/
" " breadth and thickness at margin plate.....		545 65 7	/	Spacing.....		550	/



## PILLARS AND DECKS.

		WIM IN SHIP.	Any Departure from Approved Plans to be Noted.	WIM IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	<i>widely spaced</i>			Stringer Plate, breadth and thickness in way of Bridge	✓
Bridge				Thickness of Plating abreast Deck openings in way of Wells	✓
" in 'tween Decks, Size and Spacing	<i>φ 63-75</i>			Thickness of Plating abreast Deck openings in way of Bridge	✓
" " " " "				Thickness of Plating within line of openings	✓
" in Holds	<i>φ 100-90-76</i>			If Sheathed, material and thickness	✓
" " " " "				Third Deck.	
Centre Line Bulkhead.				Stringer Plate, breadth and thickness	✓
Stiffeners and Spacing		✓		If Plated, state thickness	✓
Plating, thickness of		✓		Fourth Deck.	
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness	✓
Uppermost Continuous Deck. <i>Freeb. deck</i>		✓		If Plated, state thickness	✓
Stringer Plate, breadth and thickness in Wells		✓		Poop Deck.	
" " " " in way of Bridge		✓		Stringer Plate, breadth and thickness	✓
" Angle in Wells		✓		Plating, Sheathing, material and thickness	<i>8-6 Teak 50</i>
Thickness of Plating abreast Deck openings in way of Wells		<i>6 1/2</i>		Bridge Deck.	
Thickness of Plating abreast Deck openings in way of Bridge		<i>6 1/2</i>		Stringer Plate, breadth and thickness	<i>1280 7</i>
Thickness of Plating within line of openings		<i>6 1/2</i>		Plating, Sheathing, material and thickness	<i>8 50 Teak</i>
If Sheathed, material and thickness		✓		Forecastle Deck.	
Second Deck.				Stringer Plate, breadth and thickness	✓
Stringer Plate, breadth and thickness in Wells		✓		Plating, <del>Sheathing, material and</del> thickness	<i>9-6</i>

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
Flat Plate Keel	<i>1220</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	✓	<i>S</i>	<i>5/8</i>	<i>6g</i>	<i>EW</i>	✓	✓	✓
" Dblg. (if any)	✓											
Bottom Plating, No. of Strakes	<i>2</i>	<i>8 1/2</i>	<i>10 1/2</i>	<i>8 1/2</i>	✓	<i>S</i>	"	"	"			
Bilge Plating, No. of Strakes	<i>1</i>	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>	✓	<i>S</i>	"	"	"			
Side Plating, No. of Strakes	✓											
Upper Deck, Sheer-strake in Wells	<i>1490</i>	<i>9</i>	<i>9</i>	<i>8</i>	✓	<i>S</i>	<i>3/4</i>	<i>70</i>	"			
Upper Deck, Sheer-strake in Bridge	<i>1490</i>	<i>8 1/2</i>	✓	✓	✓	<i>S</i>	<i>5/8</i>	<i>6g</i>	"			
Strake below Sheer-strake in Wells	<i>1490</i>	<i>8 1/2</i>	<i>9</i>	<i>8 1/2</i>	✓	<i>S</i>	<i>5/8</i>	<i>6g</i>	"			
Strake below Sheer-strake in Bridge	<i>1490</i>	<i>8 1/2</i>	✓	✓	✓	<i>S</i>	"	"	"			
Poop Side Plating				<i>9 1/2-7</i>	✓	<i>S</i>	"	"	"			
Bridge Side Plating		<i>13-8 1/2</i>			✓	<i>S</i>	"	"	"			
Forecastle Side Plating			<i>9-6</i>		✓	<i>S</i>	"	"	"			

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—  
*6* Extending to Upper Deck (Sec. 3 c) *frame 5/6-23-49-57-67-88*  
 " Deck next below ✓  
 As per Rule *yes*

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		<i>Flat plate keel</i>		✓
STEM		<i>Soft nose stem</i>		✓
STERN FRAME	Propeller Post	<i>F 150-100</i>	<i>Bot</i>	✓
	Rudder	<i>E.W. 17-15-13</i>	"	✓
Speed of Vessel		<i>&lt; 10 knots</i>		✓
RUDDER—Type		<i>Oert2</i>		✓
" A x D.	✓	<i>95.6</i>		✓
" Diam. of head	✓	<i>F 140</i>	"	✓
" Mainpiece at top pintle	✓			✓
" heel	✓			✓
" how constructed		<i>E.W. 15-9</i>	"	✓
" double or single plate coupling, vertical or horizontal	<i>D</i>			✓
	<i>H</i>			✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	✓				
" " Second	✓				
" " Third	✓				
" " Holds	✓	<i>100-75-9</i>	<i>5/16</i>	<i>100-65-7</i>	<i>1/600</i>
COLLISION " (in Hold)	✓	<i>10-7 1/2</i>	<i>150-75-9</i>	<i>6/10</i>	✓
AFTER PEAK "	✓	<i>10-13 1/2</i>	<i>100-75-10</i>	<i>1/600</i>	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<i>Kon. Ned. Hoogovens } Colvilles Steel.</i>
	<i>Dorman, Long &amp; Co }</i>
	Has the Steel been tested as required by the Rules? <i>✓</i>



21 NOV 1953

EQUIPMENT No. 8777												LETTER J		ANCHORS.					
Any Departure from Approved Plans to be Noted.	Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.	Where and when tested, and Superintendent.		
	2419	1st Bower	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	cwts.	qrs.	lbs.	Cwts.		16-3-0	Hall type	A.K.S. Schiedam	22-7-52 A.S.	
	2413	2nd "	16	0	20	✓	✓	✓	✓	17	10	2	0	✓		"	"	"	"
	2378	3rd "	14	3	8	✓	✓	✓	✓	16	7	4	0	✓		"	"	"	"
		Collective weight	48	0	14									48-0-0 ✓		"	"	"	7-4-52 K.V.D.
	2440	Stream	4	2	10	✓	0	27	7	0	0	0	4-3-0 ex		Common Stock	"	"	30-9-52 K.V.D.	

## CHAIN CABLES.

## HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	1001	105' 1 1/4"	2878	4218	90-0-0				stodink	A.K.S. Schiedam	22-7-53	TOWLINE	75	2 3/4"	15.2	75	2 3/4"
	988	210'	"	"	178-2-27	168-0-0	210'	1 1/4"	"	"	"	HAWSEERS & WARPS	90	2 1/4"	10.8	90	2 1/4"
		315'	"	"	268-2-27							"	90	4"	Fibre	90	4"
		60'	3"	18.6			60'	3"	6x12			"					

Steering Gear, Type (Power or hand) Elec. Hydr + Handhydr. (Svenborg) Alternative Means of Steering sparewheel stern, directly coupled to steering gear

Chains (Size and Test) ✓ Windlass Electric Boats 4 1 wood motor launch lifeboats

in Holds, thickness and material 50 Teak Cargo Battens, thickness, material and spacing 50 Teak 230

Hatchways.-(Upper Deck) Two Thickness of Hatches 65

Hatchways No. 1 (Fwd.) 5.50 x 2.50 No. 2 4.40 x 4.10 No. 3 4.40 x 3.70 No. 4 ✓ No. 5 ✓ No. 6 ✓

of Shifting Beams } 3 2 2 **N.V. SCHEEPSWERF WATERHUIZEN**

Builder's Signature.

J. PATTIE

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel ✓ whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

150° F, situated in fuel bunker abaft E.R. and in aftermost d.b.t.

Ship has been built under Special Survey, in conformity with the Society's Rules and Regulations and the Secretary's and Rotterdam letters. The scantlings and arrangements of the vessel are as given in the report and as shown and amended on the approved plans now forwarded. Modifications or additions to the original approved arrangements made during construction are indicated on the plans and have been approved as being equivalent to the Rule requirements. Copies of the plans as approved and kept up to date by me as regards deviations and alterations, which have been approved as being equivalent to the approved arrangements, are forwarded herewith.

Windlass, steering gear and auxiliary steering gear tried to satisfaction. All tanks, W.T. bulkheads and decks tested as required and found tight. The workmanship is good.

GS.

Maker's Name.	Any Departure from Approved Plans to be Noted.	The amount of Entry Fee.....	Fees applied for, 10-11-1953	(Special notations, where part of class, to be stated.)
keel		BIDURI	Received by me, 19	I am of opinion the Vessel should be Classed <u>100 A1</u>
stem		Special Survey Fee..... 2350:-		
Bot		Travelling Expenses, if any ..... 1.75:-		
"		State whether the Vessel has been built under Special Survey <u>yes</u>		
"		Certificate sent to <u>ROT</u> Date of issue <u>3/12/53</u>		Signature <u>[Signature]</u> Surveyor to Lloyd's Register of Shipping.
"		Committee's Minute <u>FRIDAY - 4 DEC 1953</u>		
"		Character assigned <u>+100 A1</u>		

th process.

Widex Gro

Widex

+Lmc 11.53

Oil Eng

OG



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Lloyd's Register Foundation

0211 2/2



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Sistership:  $\frac{1}{2}$  INTAN F. Smit yard no 116 (not yet commissioned)

sisterships except minor details: BARLIAN  
BIDURI  
MUTUARA  
PERMATA

Plans attached: Midship Section  
Longitudinal "

For further plans please see n.v. "BARLIAN"

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of shell.

Major parts of: double bottom, motorsteering, decks, girders, bulkheads, superstructures,  
rodde r stern frame.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Cruiser Stern

Partly Elec. welded.

E.S.D.

RADAR Equipment (State if fitted) Not fitted

State Type or Pattern No.

State } Maker  
Name } and/or  
of } Supplier

Particulars of Drop Test of  
Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower 558 kgs G.Z. 7-5-52 Antwerp 3991  
2nd " 565 " W.H. 9-4-52 " 3983  
3rd " 465 " " 9-2-51 " 3927

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 42 ft., R.Q.D. 32.6 ft., Bridge 79.3 ft., Forecastle 18.5 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated recessed Poop/Bridge

Official No. ✓ Signal Letters Not known Extreme Breadth over Belting ✓ Over-all Length 192'-0"

No. and Material of Decks one steel deck

Parts of Bottom of Vessel coated with cement or approved composition ballast tanks: Bitumastic

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, fr 22-49	48.0	30	Fore peak tank,	12.9	30
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	4.5	20
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, midships	14.4	126
Double bottom, forward, fr 57-80	56.1	80	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity.			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 200

Date 13-5-52.

Dates of Surveys  
held while building

1952 Dec. 22

1953 Jan. 15-21-29

Feb. 3-13-28

March 4-9-13-18-21-24

April 3-9-12-20-29

May 8-13-21

June 4-10-16-13-17-18-19-24-25-26-30

July 2-6-7-10-11-12-15-21-23-25

August 6-12-18-26

Sept. 9

Oct. 2-6-14-22-31

Nov. 3-4

Total No. of Visits 56

Lloyd's Register  
Foundation