

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

Port of GRONINGEN

Date First Survey.....

Last Survey 2-5-1952

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling

State Type of Erections F. Br. Poop (sunk-)

CLASS 100A1

State if with freeboard }
as condition of Class } Ho

Built at.....Waterhuizen

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

Length from fore part of stem to after part of stern } L 40.59 ✓
post on summer L.W.L. See Sec. 3 (1a)

Launched 13-2-52 ✓ Yard No. 918
docking date: 1-5-52 see page 4

Total

Breadth (greatest moulded) B 9.15

Builders Scheepsw. Gebr. Van Diepen N.V. ✓

Gross Tonnage 404.69

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) } D 2.05/4.80

Owners Gouvernement of the Republic of

Register Tonnage 245.86

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

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

REGISTERED DIMENSIONS.

FEET

Length 165.8

Breadth 30.1

Depth 6.9

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

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

$$\begin{array}{r} 6\frac{1}{2} \\ 2057 \\ \underline{510} \end{array}$$
 Do. Long Bridge to }
 top of keel }

Draught Moulded 2.80z

Residence Djakarta

Port of Registry Djakarta

If surveyed while building, afloat, or in dry dock

white building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	MACHINERY IN SHIP.	Any Departure from Approved Plans to be Noted.		MACHINERY IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	550 ✓		Bracket Floors, Frame	100 65 8 ✓	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	550 ✓		" " Reversed Frame.....	100 65 8 ✓	
" " in peaks	550 ✓		" " Vertical Struts	130 75 8 ✓ 125 6½	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	750 9 ✓	
Frame Amidships, Angle, E.W.	115 75 8 ✓		" " top Angles	E.W. ✓	
" " Extends up to.....	Fbd. deck ✓		" " bottom Angles.....	E.W. ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	one 9 N.T.	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	690 8 ✓	
Depth of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	E.W. ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E.W.	75 65 8½ ✓		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	E.W. ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
" " Third " " " "	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1000 7 ✓	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem F.P. 115 65 8 A.P. 125 65 8	as midships ✓		INNER BOTTOM PLATING.		
" " in Peaks, Angle E.W.	5/8" 7d ✓		Breadth and thickness of Middle Line Strake..	1180 7½ ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" 7d ✓		Thickness of remainder in Holds	7 ✓	
State if Frame Joggled.....	no ✓		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 the Panting Area in accordance with the Rules and/or as approved?	yes ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		Uppermost Continuous Deck, amidships in Wells, Angle E.W.	L 100 9 ✓	
SINGLE BOTTOM.			" " in way of Bridge, Angle, E.W.	L 100 9 ✓	
Floors, Depth and thickness at mid-line in Holds.....			Halfbeams Spacing	L 100 7 ✓	
Height of Brackets at side above base line at toe of frame.....			Second Deck, amidships, Angle E.W.	1 100 10 ✓ 90-65-8	
Middle Line Keelson, on Floors, Angles, [or]			Halfbeams Spacing	1 100 8½ ✓	
" " Through Plate or Inter-costal Plate			Third Deck, amidships, Angle, [or]	r ✓	
" " Foundation Plate on Floors			Spacing.....	r ✓	
" " Flat Plate Keel Angles			Fourth Deck, amidships, Angle, [or]	r ✓	
Side Keelsons, No. each side.....			Spacing.....	r ✓	
" " thickness of Intercoastal Plate.....			Poop Deck, Angle, [or]	1 90 7 ✓	
" " Angles			Spacing.....	550 ✓	
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	1 90 8 ✓	
Solid Floors, thickness and spacing	6½ 1650 ✓		Spacing.....	550 ✓	
" " Are Frame and Reversed Frame joggled?	no ✓		Forecastle Deck, Angle, [or]	1 100 8 ✓	
Bracket Floors, breadth and thickness at side keelsons	500 65 6½ ✓		Spacing.....	550 ✓	
" " breadth and thickness at margin plate.....	500 65 6½ ✓				

PILLARS AND DECKS.

		mm IN SHIP.	Any Departure from Approved Plans to be Noted.	mm IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	widely spaced				
" in 'tween Decks, Size and Spacing	as per plan dia 60-65-70				
" " " " "					
" in Holds	80-85-90				
" " " " "					
Centre Line Bulkhead. Stiffeners and Spacing		✓			
Plating, thickness of		✓			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	1200 8				
" " " " in way of Bridge	1200 8				
" Angle in Wells	90 90 9 75-75-8				
Thickness of Plating abreast Deck openings in way of Wells	6½				
Thickness of Plating abreast Deck openings in way of Bridge	6½				
Thickness of Plating within line of openings	6½				
If Sheathed, material and thickness	50 Teak				
Second Deck.					
Stringer Plate, breadth and thickness in Wells		✓			
Stringer Plate, breadth and thickness in way of Bridge					
Thickness of Plating abreast Deck openings in way of Wells					
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating within line of openings					
If Sheathed, material and thickness					
Third Deck.					
Stringer Plate, breadth and thickness		✓			
If Plated, state thickness		✓			
Fourth Deck.					
Stringer Plate, breadth and thickness		✓			
If Plated, state thickness		✓			
Poop Deck.					
Stringer Plate, breadth and thickness		✓			
Plating, Sheathing, material and thickness	6 Teak 50				
Bridge Deck.					
Stringer Plate, breadth and thickness		✓			
Plating, Sheathing, material and thickness	6 Teak 50				
Forecastle Deck.					
Stringer Plate, breadth and thickness		✓			
Plating, Sheathing, material and thickness	6½/9 Teak 50				

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.	Spacing cr. to cr.	
Flat Plate Keel	1500	12½	12½	12½	11-11-11	D	5/8	6g	E.W.	✓	✓	✓
" Dblg. (if any)	✓											
Bottom Plating, No. of Strakes	1800	8½	10½	8½	8	S	"	"	2	5/8	55	Lapped
Bilge Plating, No. of Strakes	1030	8	8	8		S	"	"	E.W.	✓	✓	✓
Side Plating, No. of Strakes	1760	8	7½	7½		S	"	"	E.W.	✓	✓	✓
Upper Deck, Sheer-strake in Wells	1180	8	7½	11/6		S	"	"	E.W.	✓	✓	✓
Upper Deck, Sheer-strake in Bridge	1180	8	10	10		S	"	"	E.W.	✓	✓	✓
Strake below Sheer-strake in Wells	1460	8	7½	7½		S	"	"	E.W.	✓	✓	✓
Strake below Sheer-strake in Bridge	1460	8	✓	✓		S	"	"	E.W.	✓	✓	✓
Poop Side Plating				6		S	"	"	E.W.	✓	✓	✓
Bridge Side Plating		6				S	"	"	E.W.	✓	✓	✓
Forecastle Side Plating			11/6			S	"	"	E.W.	✓	✓	✓

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) 3 ✓
 " Deck next below 1 ✓
 As per Rule yes

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	6½	790-65-9	700/720	✓	✓
" " Second	✓				
" " Third	✓	130-8½	700/720	✓	
" " Holds	8½-7	125-75-8			
" " (in Hold)	8½-7½	75-65-6½			
COLLISION		100-75-10			
AFTER PEAK	12-7½	75-65-8	600	Recessed	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	Flat plate keel			
STEM	Soft nose stem			
STERN FRAME	Propeller Post	F 165-90	P.M.F.	
	Rudder	E.W. 8½-15	"	
Speed of Vessel	10 knots			
RUDDER—Type	Overtz			
" A x D.				
" Diam. of head	F 145	✓		
" Mainpiece at top pintle	✓			
" " heel	✓			
" how constructed	EW 9-12	✓		
" double or single plate coupling, vertical or horizontal	D			
	H			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).
 Kou. Hed. Hoogovens } Dorman, Lang & Co
 Colvilles }
 Has the Steel been tested as required by the Rules? YES

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: n.v. MANIKAM, E.J. Smit, Zu yardno 725 (UNDER CONSTRUCTION)

Plans: Construction plan, approved 22-9-51, Now attached.
Rudder & Sternframe, " 19-1-52, " "
Motorseating, " 13-11-51, " "

Docking date 5-52:

The ship was placed on the slipway at Delfzijl on 1-5-52. Bottom, sternframe & rudder good.

PARTICULARS OF ELECTRIC WELDING (if employed)

Bolts of keel plating.

Major parts of double bottom, decks, bulkheads, motorseating, coamings, rudder, sternframe

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

Cruiser Stern

Pl 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 526 kgs F.H. 3870 Antwerp 21-12-1950
2nd " 495 " " 3870 " "
3rd " 437 " " 3873 " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40, - ft., R.Q.D. ✓ ft., Bridge 22, 7 ft., Forecastle 21, 4 ft.

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

Official No. ✓ Signal Letters not yet issued ✓ Extreme Breadth over Belting ✓ (Circ. 1611)

Over-all Length 179, 2 ft (Circ. 1703)

No. and Material of Decks One deck + shelterdeck.

Parts of Bottom of Vessel coated with cement or approved composition ✓ (double bottom 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.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	✓	✓		Fore peak tank,	12, 2	13, 0	
Double bottom, under Engines and Boilers,	✓	✓		After peak tank,	10, 9	19, 0	
Double bottom, if under Engines only,	✓	✓		Deep tank, aft,	✓	✓	
Double bottom, if under Boilers only,	✓	✓		Deep tank, forward,	✓	✓	
Double bottom, forward, fr. 22-79	102, 8	95		Other tanks, if fitted,	✓	✓	
Total length (if continuous) and Capacity				(If necessary furnish further information by sketch.)			

Order for Special Survey No. 158

Date

4.6.51

Dates of Surveys held while building

1951 Aug. 28-29.
Sep. 19-24-29.
Oct. 10-18-22-26-31.
Nov. 5-6-12-19-23-26.
Dec. 1-8-12-19.

1952 Jan. 2-3-5-9-10-11-14-16-21-22-24-26.
Feb. 1-5-12-13-14-15-20-28.
Mar. 4-6-11-14-18-26-31.
April 8-12-14-19-22-25-29.
May 1-2

Total No. of Visits 56