

STEEL STEAMER OR MOTORSHIP.

Received at London Office. **-2 NOV 1953**

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 22nd Feb 1953 Port of ROTTERDAM No. 36951a

Survey held at DRUTEN Date First Survey 27th June '52 Last Survey 24th August 1953

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTOR VESSEL "BAJAN"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections Twist-Bridge
12" x 12" End splice Com 6.

TONNAGE under 137 43 CLASS in the Indonesian Archipelago State if with freeboard as condition of Class NO Built at DRUTEN

Do. of space or spaces } Length from fore part of stem to after part of stern } 35 ⁰⁰

in Tonnage Dk. }
upper Dk. }

post on summer L.W.L. See Sec. 3 (1d)

Breadth (greatest moulded) _____ B 6 5

Builders N.V. Schepswerf JANSSEN

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 13 Owners Indonesian Government

Tonnage 74 63 1st Longitudinal Number (L x D).....=
 Managers ✓
 (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. Framing Depth "d," at middle of length. See } Residence _____

Sec. 3 (1d).....
 Proportions—Depth to Length—Uppermost continuous deck to top of keel.....
 Port of Registry.....*DJAKARTA*

17.8 (30.50 m)
24 (6.53 m)

unious deck to top of keel

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships.....	500	/	Bracket Floors, Frame	—	
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....}	500	/	" " Reversed Frame.....	—	
" " in peaks	450	/	" " Vertical Struts	—	
E FRAMING.			Centre Girder, depth and thickness amidships	704 1900	7'7"
Frame Amidships, Angle, E or F O.A.B.	75 65 9'	/	" " top Angles	E.W.	/
" " Extends up to.....	freeboard deck	/	" " bottom Angles.....	E.W.	/
Web			Side Girders, No. each side and thickness.....	—	
Reversed Frame Amidships, Angle	7 flange 65	/	Margin Plate depth (excl. of flange) and thickness	HOR	/
" " Extends up to	freeboard deck	/	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	FRAMES PASSING THROUGH PLATE	
Depth of Framing Girder.....	250	/	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	—	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	—		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	—	
" " Second 'tween Decks, Angle, E or F	—		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area	—	
" " Third " " " "	—		Tank Side Brackets, height above base line at toe of Frame and thickness	—	
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	75 65 7'	/	INNER BOTTOM PLATING.		
" " in Peaks, Angle E or F O.A.B.	75 65 8'	/	Breadth and thickness of Middle Line Strake...	6	/
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	5/8 7D	/	Thickness of remainder in Holds	6	/
Plate if Frame Joggled.....	NO	/	Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room ?.....	yes	/
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 or F	75 50 7'	O.A.B. TUE WELDED ON
DOUBLE BOTTOM.			" " in way of Bridge, Angle, E or F	75 50 7'	O.A.B. TUE WELDED ON
Floors, Depth and thickness at mid-line in Holds.....	900/1940 6	/	Spacing	500	/
Height of Brackets at side above base line at toe of frame.....	—		Second Deck, amidships, Angle, E or F	—	
Middle Line Keelson, on Floors, Angles, E or F	—		Spacing	—	
" " " Through Plate or Inter- costal Plate	6	/	Third Deck, amidships, Angle, E or F	—	
" " " Foundation Plate on Floors	100 6	/	Spacing.....	—	
" " " Flat Plate Keel Angles	E.W.	/	Fourth Deck, amidships, Angle, E or F	—	
Side Keelsons, No. each side.....	—		Spacing.....	—	
" " thickness of Intercostal Plate.....	—		Poop Deck, Angle, E or F	—	
" " Angles	—		Spacing.....	—	
DOUBLE BOTTOM.			Bridge Deck, Angle, E or F	75 50 6	O.A.B. TUE WELDED ON
Solid Floors, thickness and spacing	6 500	/	Spacing.....	500	O.A.B.
" " Are Frame and Reversed Frame joggled ?	—		Forecastle Deck, Angle, E or F	75 50 6	O.A.B. TUE WELDED ON
Bracket Floors, breadth and thickness at middle line	—		Spacing.....	500/1450	
" " breadth and thickness at margin plate.....	—				

PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows		ONE	/		
Bridge Space		TUBE			
in 'tween Decks, Size and Spacing		69 1/2 200	/		
" " " " " "		-			
" in Holds " " " "		TUBE 69 1/2 200	/		
" " " " " "		-			
Centre Line Bulkhead.					
Stiffeners and Spacing		-			
Plating, thickness of		-			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		14 1/2 8	/		
" " " " in way of Bridge		7	/		
" Angle in Wells		75 75 8	/		
Thickness of Plating abreast Deck openings in way of Wells		6	/		
Thickness of Plating abreast Deck openings in way of Bridge		6	/		
Thickness of Plating within line of openings		6	/		
If Sheathed, material and thickness		TEAK 30	/		
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		-			
Bridge Deck.					
Stringer Plate, breadth and thickness		950 6	/		
Plating, Sheathing, material and thickness		5 TEAK 50	/		
Forecastle Deck.					
Stringer Plate, breadth and thickness		6	/		
Plating, Sheathing, material and thickness		6 TEAK 50	/		

SHELL PLATING.

SCANTLINGS.					RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		NO. OF ROWS OF RIVETS.	BUTTS.	
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.
Flat Plate Keel	920	16	16	10	/	D	5/8 63	EW		
" Dblg. (if any)	-	-	-	-						
Bottom Plating, No. of Strakes	1470	9	7	7	/	5	5/8 63	EW		
Bilge Plating, No. of Strakes	1470	7	7	7	/	5	5/8 63	EW		
Side Plating, No. of Strakes	1470	8	8	7	12" way of break	5	5/8 63	EW		
Upper Deck, Sheer-strake in Wells				8	/					
Upper Deck, Sheer-strake in Bridge			8		/					
Strake below Sheer-strake in Wells		7	7	7	/					
Strake below Sheer-strake in Bridge		7	7		/					
Poop Side Plating										
Bridge Side Plating		6	6		/	EW		EW		
Forecastle Side Plating		6	6		/	EW		EW		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	6 5
" Deck next below	-
As per Rule	4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM		1460	JANSEN	/
STERN FRAME				
Propeller Post				
Rudder "			DE JONGH	/
Speed of Vessel		10-11 km.		/
RUDDER—Type		stream line	balanced	/
" A x D		2101		/
" Diam. of head		125/04	DE JONGH	/
" Mainpiece at top pintle				
" " heel				
" how constructed		plated EW.		/
" double or single plate coupling, vertical or horizontal		double		/
"		horizontal		/

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	N.V. Rom. Ned. Handel. Maatschappij. Gmünd.
Has the Steel been tested as required by the Rules?	yes.

EQUIPMENT No. 3883										LETTER C (nd)	ANCHORS 2 NOV 1953						
Anchors.		WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 63. MAN		Description of Anchor.		Makers.	Where and when tested, and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.						
1	1st Bower	5	1	21	7	16	1	0	5	1	7	Hall type cast steel	Men I West LPH	LPH CH 23-12-52 CH Philoju.			
2	2nd "	5	1	24	7	16	1	0	5	1	7						
3	3rd "																
4	Collective weight																
5	Stream	1	3	3	1	1	25	4	7	0	21	1-3-3	Over 1000 FW				
HAWSERS AND WARPS.																	

CHAIN CABLES.										HAWSERS AND WARPS.									
Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 66.		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 66.			
Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.		
Fathoms	Inches	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.		Fathoms	Inches					Fathoms	Ins.		Fathoms	Ins.		
350	2 1/2	12 1/2	19 1/2	3559			2125	2 1/2	Lik	A. Leman	Anchor, 9-2-53	TOWLINE	135	2 1/2	10 1/2	15	2 1/2		
82 1/2	2	13 1/2					82 1/2	2	6X12	G. Kili		HAWSERS & WARPS							

ing Gear, Type (Power or hand) Hand hydraulic Alternative Means of Steering Sackles

(Size and Test) 40 mm steel Windlass sufficient power for 2 1/2 m & c.c. Boats 2 wood 3"

thickness and material 40 mm steel Cargo Battens, thickness, material and spacing 40 mm wood

(Upper Deck) two (incl. one a fowls) Thickness of Hatches 60 mm / 6 fowls 6 steel

s No. 1 (Fwd.) 1 1/2 m x 1 1/2 m No. 2 2 1/2 m x 1 1/2 m No. 3 — No. 4 — No. 5 — No. 6 —

ing Beams one fore aft. Builder's Signature M. SCHEEPSWERF JANSSEN ROTTERDAM

CLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel — or the vessel, not being an oil tanker, is fitted for carrying oil as cargo —. The positions in which oil is carried as fuel or cargo should be stated, together with the flash point (where required to be inserted in the Notation).

ship has been built under Special Survey in conformity with the Rules Regulations and Secretary's Letters. The scantlings & arrangements of the ship are as given in the report and as shown and as on the approved plans now forwarded. All modifications or changes to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with a by standards equivalent to the Rule Requirements. Plans of midship section and profile & decks showing the ship as built have been forwarded herewith. Have been checked with the approved arrangements and found in order.

The workmanship was found good and all the have been tested and found tight. Deck & bulkheads have been tested & found tight. Stowage & lashing of cargo and working conditions found in good order.

amount of Entry Fee..... £ : : } Fees applied for, 28.10.1953

Special Survey Fee..... £ : : } Received by me, 19

Travelling Expenses, if any £ 42.5- }

I am of opinion the Vessel should be Classed + 100 A 1 "for service in the Indonesian Archipelago"

Signature [Signature] Surveyor to Lloyd's Register of Shipping.

whether the Vessel has been built under Special Survey Rot. Date of issue 13/1/54

Committee's Minute THURSDAY 19 NOV 1953

Character assigned Deferred for Examination. FRIDAY 18 DEC 1953

White Dja. See Dja. No. 821 No. 3929 Lloyd's Register Foundation 0120 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 the Plans should be embodied.)

Sister vessel of *% BENDALU, BALAM*. further with minor alterations
% BIBLIS, BANGO, BEG, BETTET, BABOT

Attached plans:

Midship Section } scantling accordance with
Construction Plan } approved plan Rot. 20-11-51

for other plans please see sister vessel.

Certificates attached:

1. Interim Certificate
2. Cert. of Steel frame
3. " Rudder
4. " Tiller
5. " Davit

Rotterdam 22-8-53

" 4-10-52

" 31-12-52

" 31-3-53

" 31-3-53

PARTICULARS OF ELECTRIC WELDING (if employed)

Bottom of shell plating, both sides seams of deck, double bottom, bulkheads with
stiffeners, engine seating, stem frame and rudder, stem, beams,
main deck & shell plating - way of superstructure.

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

Cruiser Stern
Part E.W.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State } Make
Name } and
of } Supplier

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

1st Bower 3-1-1 AEG 7035 13-11-52
2nd " 3-1-0 AEG 7004 20-11-52
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 32.8 ft., Forecastle 14.1 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated *Fore. bridge combined!*

Official No. Signal Letters *PKAZ* Extreme Breadth over Belting (Circ. 1611) Over-all Length 125.3 (Circ. 1703)

No. and Material of Decks *one steel deck*

Parts of Bottom of Vessel coated with cement or approved composition

Particulars of composition (if fitted) and of approval *W.B. DB TKS & COFF. D. Bikomastic. FRESHWATER COMPL. W.*

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	25	13.1	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	19.7	16.9	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	30	18.0	Other tanks, if fitted,		
Total length (if continuous) and Capacity	70.7	39.2	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1168

Date 11/8 '52

Dates of Surveys
held while building

27/6/52 : 2/9 : 17/9 : 29/9 : 16/10 : 3/11 : 18/11 : 21/11 : 3/12 : 23/12 : 9/1/53
20/2 : 14/3 : 23/3 : 29/3 : 1/4 : 9/4 : 14/4 : 15/5 : 21/5 : 24/5 : 19/6
17/7 : 10 : 2/8 : 24/8



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