

DISCLOSED  
SECTION

## STEEL STEAMER OR MOTORSHIP

DISCLOSED  
SECTION  
Received at London Office  
JAN 1955State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yes

No.

No. 15 - 1 - '55 Date of completion of report 15 - 1 - '55 Port of Rotterdam No. 38911 ASurvey held at Zaltbommel Date First Survey 28 - 7 - '53 Last Survey 26 - 11 - 1954On the (State if Machinery fitted A and if Single, Twin or Triple Screw) Single Screw Motorvessel "GILIJANG" "GILI YANG"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Complete superstructure with form of State Type of Erections Shelter deck with sunk sideTONNAGE under Tonnage Deck 780.42CLASS \*100 A1State if with freeboard as condition of Class —Built at Zaltbommel

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 69.895Launched 8 - 5 - '54 Yard No. 650Breadth (greatest moulded) 11.20Builders Scheepswerf "De Waal", N.V.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 6.90Owners Indonesian Government

Total

Image 997.09Tonnage 454.35

Managers

(Where necessary to be entered in Reg. Book)

Residence

REGISTERED DIMENSIONS.

FEET

235.7 (71.85")36.9 (11.24")12.6 (3.84")Framing Depth "d," at middle of length. See Sec. 3 (1d) 1/10.13Proportions—Depth to Length—Uppermost continuous deck to top of keel 15' - 5 1/4"

Do. Long Bridge to top of keel

Draught Moulded

Port of Registry KALIANGETIf surveyed while building, afloat, or in dry dock while building

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	610	✓	Bracket Floors, Frame	125 75 8 <sup>5</sup>	130 x 65 x 8
" " from 1/2 length amidships to Collision bulkhead	610	✓	" " Reversed Frame	125 75 8	115 x 65 x 8
" " in peaks	610	✓	" " Vertical Struts	130 65 8	115 x 65 x 7 <sup>5</sup>
DE FRAMING.			Centre Girder, depth and thickness amidships	900 10 <sup>5</sup>	
Frame Amidships, Angle, <u>X</u> or <u>1</u>	150 75 8	✓	" " top Angles	ew	
" " Extends up to	main deck	✓	" " bottom Angles	ew	
Web			Side Girders, No. each side and thickness	one 315 180 x 75 x 9 <sup>5</sup>	
Reversed Frame Amidships, Angle	10	✓	Margin Plate depth (excl. of flange) and thickness	810 9 <sup>5</sup>	
on fr. Nos. 34, 43, 52, 61, 83, 91 & 99		✓	" " Vertical Angle to Tank side	ew	
" " Extends up to	shelter deck	✓	" " Bracket abaft 1/2 len. from stem	ew	
Depth of Framing Girder	hold 1/2 weend. 622/512	✓	" " Vertical Angle to Tank side	ew	
Frames in Uppermost Continuous 'tween	150 75 8 (form. of fr. 91)	✓	" " Bracket from forward 1/2 len. from stem to Panting Area	ew	
Decks, Angle, <u>1</u>	100 75 8 (on frames)	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	continuous	
" " Second 'tween Decks, Angle, <u>1</u> or <u>1</u>	31, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90; form. of fr. 91 & 130 x 75 x 10 on frs. 93, 96, 98, 100, 102 & 104)	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	strap 20 x 8, forming part of top plating.	
" " Third " " " "	—	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1350 9 <sup>5</sup>	
" " from 1/2 len. for'd. to 15% len. from Stem	see above	✓	INNER BOTTOM PLATING.		
" " in Peaks, Angle <u>1</u>	150 75 10 <sup>5</sup> (every 2nd frame)	✓	Breadth and thickness of Middle Line Strake	1220 9 <sup>5</sup>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" 7D	✓	Thickness of remainder in Holds	8	
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?	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, <u>1</u>	75 50 7 <sup>5</sup>	75 x 50 x 7 (1/2)
SINGLE BOTTOM.			" " in way of Bridge, Angle, <u>1</u>	65 65 8	(1/1)
Floors, Depth and thickness at mid-line in Holds		✓	Spacing	610	
Height of Brackets at side above base line at toe of frame		✓	Second Deck, amidships, Angle, <u>1</u>	65 50 7	(1/2)
Middle Line Keelson, on Floors, Angles, <u>1</u> or <u>1</u>		✓	Spacing	610	
" " Through Plate or Intercoastal Plate		✓	Second Deck, amidships, Angle, <u>1</u>	100 65 8	(1/1)
" " Foundation Plate on Floors		✓	Spacing	610	
" " Flat Plate Keel Angles		✓	Fourth Deck, amidships, Angle, <u>1</u> or <u>1</u>	—	
Side Keelsons, No. each side		✓	Spacing	—	
" " thickness of Intercoastal Plate		✓	Peep Deck, Angle, <u>1</u> (shelter deck aft)	75 65 8	
" " Angles		✓	Spacing	610	
DOUBLE BOTTOM.			Bridge Deck, Angle, <u>1</u> or <u>1</u>	—	
Solid Floors, thickness and spacing	75 3050/1830	✓	Spacing	—	
" " Are Frame and Reversed Frame joggled?	floor ew	✓	Forecastle Deck, Angle, <u>1</u>	75 65 8 <sup>5</sup>	75 x 65 x 8
Bracket Floors, breadth and thickness at middle line	750 75	✓	Spacing	610	
" " breadth and thickness at margin plate	750 75	✓			

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No.



# PILLARS AND DECKS.

PIERS, No. of Rows	No.	Spacing
CANTILEVERS	3	4880
"	4	5490
"	3	4880
"	4	5490
Centre Line Bulkhead.		
Stiffeners and Spacing		
Plating, thickness of		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	1400	9 <sup>5</sup>
" " " " in way of Bridge		
" Angle in Wells	90	90 9 <sup>5</sup>
Thickness of Plating abreast Deck openings in way of Wells		8 <sup>5</sup>
Thickness of Plating abreast Deck openings in way of Bridge		
Thickness of Plating within line of openings		7 <sup>5</sup>
If Sheathed, material and thickness		
Second Deck.		
Stringer Plate, breadth and thickness in Wells	6 <sup>5</sup>	

corresponding with well frames

Stringer Plate, breadth and thickness in way of Bridge	825	12 <sup>5</sup>
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	6 <sup>5</sup>	
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. (shelterdeck aft)		
Stringer Plate, breadth and thickness	8 <sup>5</sup> -8	
Plating, Sheathing, material and thickness	7 <sup>5</sup> no sheathing	
Bridge Deck.		
Stringer Plate, breadth and thickness		
Plating, Sheathing, material and thickness		
Forecastle Deck.		
Stringer Plate, breadth and thickness	6 <sup>5</sup>	
Plating, Sheathing, material and thickness	6 <sup>5</sup> no sheathing	

## SHELL PLATING.

### SCANTLINGS.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	AMIDSHIPS.		FORWARD.	AFT.	
	Breadth.	Thickness.	Thickness.	Thickness.	
Flat Plate Keel.....	<del>1800</del> 1800	<del>13</del> <sup>5</sup>	<del>14</del> <sup>5</sup>	<del>13</del> <sup>5</sup>	
„ Dblg. (if any)	—	—	—	—	
Bottom Plating, No. of Strakes .....	<del>A</del> B 1800	11	14 <sup>5</sup> / 12 <sup>5</sup>	9/10 <sup>5</sup>	
Bilge Plating, No. of Strakes .....	<del>C</del> D —	11 10 <sup>5</sup>	10 9/14	9/10 <sup>5</sup>	
Side Plating, No. of Strakes .....	<del>E</del> F 1800	10 <sup>5</sup>	9/14	9	
Upper Deck, Sheer- strake in Wells.....	<del>G</del> 1800	10 <sup>5</sup>	8/14	7	
Upper Deck, Sheer- strake in Bridge ...	}				
Strake below Sheer- strake in Wells .....	<del>F</del> 1800	10 <sup>5</sup>	9/14	9	
Strake below Sheer- strake in Bridge ...	}				
Poop Side Plating.....	—	—	—	—	
Bridge Side Plating.....	—	—	—	—	
Forecastle Side Plating					

### RIVETING.

EDGES.			BUTTS.			
State if forged?						
SINGLE OR DOUBLES.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPE LAPS.
	Diam. Inches.	Spacing cr. to cr. <sup>inches</sup>		Diam. Inches.	Spacing cr. to cr. Inches.	
D	3/4	1/8 68/87 ✓	ew			
D	3/4	1/8 68/90	ew			
D	3/4	68	ew			
S	3/4	1/8 68/72 ✓	ew			
D	3/4	1/8 68/72 ✓	ew			
S	3/4	1/8 68/72 ✓	ew			
S	5/8	72 ✓	ew			

## WATERTIGHT BULKHEADS.

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

### STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
		mm	Scantlings. Inches.	Spacing. Inches.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks						
"	"	Second	"			
"	"	Third	fr. 32 10-6 <sup>5</sup>	115.75.8 <sup>5</sup> 130.75.8 <sup>5</sup>	750-760	—
"	"	Holds .....	fr. 10-6 <sup>5</sup>	115.65.7 130.65.8	675-760	—
COLLISION	"	(in Hold) .....	105 11-7 <sup>5</sup>	150.90.8 <sup>5</sup>	582-610	1 stringer
AFTER PEAK	"	" .....	6 15-7 <sup>5</sup>	100.75.8	500-610	1 stringer

## FORGINGS AND CASTINGS.

	Castings or Forgings.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	plate	14		
STEM	round	100 yard		
STERN FRAME	Propeller Post	as per Plan		
	Rudder	F 140		
Speed of Vessel		not exceeding 12 knots		
RUDDER—Type		Simplex type		
" A x D. x 100		312.3		
" Diam. of head		F 110 1/2 yard		
" Mainpiece at top pintle				
" heel				
" how constructed		built ew yard		
" double or single plate		D 10 <sup>5</sup>		
" coupling, vertical or horizontal		H 45		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).  
 Plates: Kor. Ned. Hoogovens Staalfabriek N.V.; Sections: The Steel Company of Scotland; Dorman, Long & Co.; Skinner & Co.; Colvilles; Appleby & Co.; South Durham Steel & Iron Co.  
 Has the Steel been tested as required by the Rules? Yes

EQUIPMENT No. 15200

LETTER p (116)

ANCHORS.

ANCHORS.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
1st Bower	32 1 02		31 5 0 0	30 1/2	Spoke type with	KN4	Leiden; 24.5.54
2nd "	32 2 23		30 18 0 0	30 1/2	Cast steel	"	" 9.4.54
3rd "	28 1 15		27 11 0 0	26	head	"	" 9.4.54
Collective weight	98 2 12			87			
Stream	8 2 9 1/2	0 18	10 15 0 0		Common stock (ew)		Leiden; 6.5.54; EP

## CHAIN CABLES.

## HAWSERS AND WARPS.

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.
Length.	Diam.	Supplied.	Per Rule.	Length.	Diam.			Length.	Cr.	Cr.
24 1/4 x 1 1/8	1 1/8	350 2 01	319 1/2	240 1 1/8		studlink KN4	Leiden	TOWLINE	165 83	21.7 165 83
2 x 13 1/2 x 1 1/8	1 1/8	350 2 01	319 1/2	240 1 1/8		"	24.5.54	HAWSERS & WARPS	2 x 165 57	16.8 2 x 165 57
3 x 1 1/2 x 1 1/8	1 1/8						ARS		2 x 165 45	6.4 2 x 165 45
135 1 1/2	95	29.3		135 1 1/2	95					

ing Gear, Type (Power or hand) el. hydraulic (2 el. motor-pump sets) Alternative Means of Steering hand hydraulic  
 ing Chains (Size and Test) — Windlass el. driven Boats 3 wood, 1 steel  
 ing in Holds, thickness and material 2 1/2" wood Cargo Battens, thickness, material and spacing 2" wood; 9"  
 Hatchways.—(Upper Deck) Two Thickness of Hatches 71 mm  
 of Hatchways No. 1 (Fwd.) 9 1/2" x 6.00" No. 2 16 1/2" x 6.00" No. 3 — No. 4 — No. 5 — No. 6 —  
 Number of Shifting Beams 5 9  
 ad/or Fore and Afters

Builder's Signature

SCHEEPSWERF „DE WAAL“ N.V.  
 ZALTBOMMEL

GENERAL 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 —  
 (b) 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).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with, or by standards equivalent to, the Rule requirements. The plans of midship section and profile and decks showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order. Material and workmanship are good. Tanks tested as required, decks and bulkheads hose tested; all found tight. Steering gear and windlass tried under working condition and found to satisfaction. Freeboard marks verified and found in order. Stern frame, rudder and underhead made from approved material.

The amount of Entry Fee £ 1255.00 Fees applied for, 281.19.55  
 Special Survey Fee £ : : Received by me, 19  
 Travelling Expenses, if any £ 578.-

I am of opinion the Vessel should be Classed 100 A1

State whether the Vessel has been built under Special Survey yes

Signature M. J. de Vries  
 Surveyor, Lloyd's Register of Shipping.

Certificate to be sent to Rot. Date of issue 14/4/55

Committee's Minute TUESDAY 22 FEB 1955

Character assigned + 100 A1

Lloyd A & Co.

+ LMC 11.54

OG.

Oil Eng.

Write Rot.



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.)

Plans as built attached:

Midship section (020 E)  
Longitudinal plan (025 D)  
Shell plating and plan of frames  
Shelterdeck  
Construction of fore peak  
Bulkheads 25, 29, 30 & 73  
Afterpeak (073)  
Rudder and Sternframe (076)  
Rudderhead with details (075)  
Stem  
Shifting beams  
Stiffener of Collision bulkhead  
Double bottom in Engine room (120)

approved by:  
Rotterdam, 4-9  
" 4-9  
" 20-10  
" 28-10  
" 27-10  
" 28-9  
" 18-12  
" 8-12  
" 6-4  
" 22-10  
" 28-9  
" 3-12  
" 28-9  
20 1/2

Certificates attached:

Copy of interim ship certificate, dated R'dam 26-11-54.  
" " material certificates for:

sternframe D.F.N° 54/3461 and N° 15182  
sternframe and rudderhead D.F.C.N° 54/  
Simplex post D.F.C.N° 54/327.

Copy of certificate of steering gear N° 21524.  
" " davits N° 9203.

PARTICULARS OF ELECTRIC WELDING (if employed)

Greater part of frames; double bottom; centre girder; bilgebrackets; deck  
cleeks, except stringer angle of shelterdeck; butts of shell plating; bulkhead  
stem; sternframe; rudder; hatchways with shifting beams.

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

Cruiser stern  
Part en  
Echo Sounding Device

RADAR Equipment (State if 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 21-1-0; AEC, Sunderland cert. N° 4927; 5-2-54  
2nd " 22-0-14; AEC; " " N° 4914; 29-1-54  
3rd " 19-3-3; AEC; " " N° 4963; 19-2-54

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 28.5

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

Official No. — Signal Letters YBCO Extreme Breadth over Belting — Over-all Length 250.5  
No. and Material of Decks 2 steel decks (Circ. 1611) (Circ. 1708)

Parts of Bottom of Vessel coated with cement or approved composition

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,	Feet.	Tons. m <sup>3</sup>	Fore peak tank, (bottom + top = 47.9 + 33.9)	Feet.	Tons. m <sup>3</sup>
Double bottom, under Engines and Boilers,	—	—	After peak tank,	11.2	31.2
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward, (fuel oil 170 m <sup>3</sup> )	24.0	25.7	Other tanks, if fitted, settling tanks aft. (AD)	—	—
Total length (if continuous) and Capacity.	176.1	25.7	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1200

Date 25-9-53

Dates of Surveys  
held while building

1953: 28-7; 7.10-8; 16.21-9; 5.19-10; 16.19<sup>2x</sup>-11; 7.21-12;  
1954: 9.25-1; 12-2; 12.17.23.26-3; 8.9.14.24-4; 17-5; 10  
5.23-7; 2.13<sup>2x</sup>-8; 7-9; 4.22-10; 2.3.5.8.9.16.19.25.  
26<sup>2x</sup>-11.

Total No. of Visits 45

For S.S.O.F. see main ship Giliqenteng 4d No. 657.