

# DISCLOSED STEEL STEAMER OR MOTORSHIP.

DISCLOSED 1957  
Received as per Book



SECTION  
No. 3

State if Report has been sent on the Freeboard of the Vessel No

SECTION

State if Report is sent on the Machinery of the Vessel Yes

No. 762

Date of completion of report

Port of Köln

No. IV

Survey held at MAINZ - KASTEL

Date First Survey 5th April, 1956

Last Survey 27th December, 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) TWIN SCREW FERRY AND WATERBOAT " Z I N Y A W " (Machinery fitted aft).

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

State Type of Erections Forecastle

TONNAGE under }  
Tonnage Deck ... }  
Do. of space or spaces }  
between Tonnage Dk. }  
and Upper Dk. }  
Total }  
Gross Tonnage }  
Register Tonnage }

CLASS A 1 State if with freeboard } No  
for restricted service as condition of Class }  
Length from fore part of stem to after part of stern }  
post on summer L.W.L. See Sec. 3 (1a) } 28,450 m  
Breadth (greatest moulded) } 7,930  
Depth, at middle of length from top of keel to top }  
of beam at side of uppermost continuous }  
deck. See Sec. 3 (1c) } 2,440  
1st Longitudinal Number (L x D) =  
2nd Numeral L x (B + D) =  
Framing Depth "d," at middle of length. See }  
Sec. 3 (1d) }  
Proportions—Depth to Length—Uppermost con- }  
tinuous deck to top of keel }  
Do. Long Bridge to }  
top of keel }  
Draught Moulded 6' 6"

Built at MAINZ-KASTEL  
Launched 17.10.56 Yard No. 1399  
Builders CHRISTOF RUTHOF  
Owners BOARD OF MANAGEMENT FOR THE PORT OF RANGOON  
Managers  
(Where necessary to be entered in Reg. Book)  
Residence RANGOON  
Port of Registry RANGOON  
If surveyed while building, afloat, or in dry dock  
WHILST BUILDING AND AFLOAT

### REGISTERED DIMENSIONS.

FEET

### FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm	Any Departure from Approved Plans to be Noted.	mm	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	500			
" " from 1/2 length amidships to Collision bulkhead	500			
" " in peaks	-	Appr. 90x65x7.5		
DE FRAMING.				
Frame Amidships, Angle E or F T	90x75x9 in Tanks			
" " Extends up to	75x65x9 Elsewhere & as apprd			
Reversed Frame Amidships, Angle	-			
" " Extends up to	-			
Depth of Framing Girder	-			
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [	-			
" " Second 'tween Decks, Angle, [ or [	-			
" " Third " " " "	-			
" " from 1/2 len. for'd. to 15% len. from Stem	75x65x9			
" " 15% to stem	75x65x9 as approved			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	E.W.			
State if Frame Joggled	No			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As approved			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As approved			
ANGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	380x7 with FL. 65			
Height of Brackets at side above base line at toe of frame	Floors horizontal to shell			
Middle Line Keelson, on Floors, Angles, [ or [	E.W.			
" " Through Plate or Inter-costal Plate	380x7			
" " Foundation Plate on Floors	200x10			
" " Flat Plate Keel Angles	E.W.			
Side Keelsons, No. each side	1			
" " thickness of Intercoastal Plate	7			
" " Angles	E.W.			
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing				
" " Are Frame and Reversed Frame joggled?				
Bracket Floors, breadth and thickness at middle line				
" " breadth and thickness at margin plate				
Bracket Floors, Frame				
" " Reversed Frame				
" " Vertical Struts				
Centre Girder, depth and thickness amidships				
" " top Angles				
" " bottom Angles				
Side Girders, No. each side and thickness				
Margin Plate depth (excl. of flange) and thickness				
" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem				
" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area				
" " Gussets, spacing and scantling abaft 1/4 len. from stem				
" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake				
Thickness of remainder in Holds				
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?				
BEAMS.				
Uppermost Continuous Deck, amidships in	100x75x7 in Tanks			
" " Elsewhere	75x65x7			
" " in way of Bridge, Angle, [ or [				
Spacing	EV. Frame			
Second Deck, amidships, Angle, [ or [				
Spacing				
Third Deck, amidships, Angle, [ or [				
Spacing				
Fourth Deck, amidships, Angle, [ or [				
Spacing				
Poop Deck, Angle, [ or [				
Spacing				
Bridge Deck, Angle, E or F TWA	130x75x8			
Spacing	75x65x7			
Forecastle Deck, Angle, [ or [				
Spacing	EV. Frame			

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PILLARS AND DECKS.		mm	mm	Any Departure from Approved Plans to be Noted.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	2				
" in 'tween Decks, Size and Spacing	-				
" " " " " "	-				
" in Holds Crews accommodation and Engine Room	760x6.5				
Centre Line Bulkhead. Stiffeners and Spacing	100x75x7.0 EV. FR.				
Plating, thickness of	7.5				
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	900x6.5				
" " " " " Tanks in way of Bridge	900x7.5				
" " " " " Angle in Wells	65x65x7				
Thickness of Plating abreast Deck openings in way of Wells	5 + 7.5				
Thickness of Plating abreast Deck openings in way of Bridge	5 + 7.5				
Thickness of Plating within line of openings	Teak wood 65 mm				
If Sheathed, material and thickness					
Second Deck. Stringer Plate, breadth and thickness in Wells					

SCANTLINGS.				RIVETING.			
STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.			
	AMIDSHIPS.	FORWARD.	AFT.				
Flat Plate Keel. A	1500	9.5	9.5				
" Dblg. (if any)	NONE						
Bottom Plating, No. of Strakes 2..B+C..	1500	8	7.5				
Bilge Plating, No. of Strakes 1..D..	850	8	7.5				
Side Plating, No. of Strakes 1..E..	1500	8	7.5				
Upper Deck, Sheer-strake in Wells	750	8	7.5				
Upper Deck, Sheer-strake in Bridge							
Strake below Sheer-strake in Wells							
Strake below Sheer-strake in Bridge							
Poop Side Plating							
Bridge Side Plating							
Forecastle Side Plating							

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.			
Extending to Upper Deck (Sec. 3 c) 10				Scantlings.			
" Deck next below NONE				Maker's Name.			
As per Rule 3				Any Departure from Approved Plans to be Noted.			
				KEEL, Bar Plate Keel			
				STEM E.W. fabricated as with 100x30 and pl			
				STERN FRAME Propeller Post E.W. fabricated as with 125x60 and pl			
				Speed of Vessel 9.0 Knots			
				RUDDER—Type Two Semi Balanced			
				" A x D. 2 x 16.7 ft <sup>3</sup>			
				" Diam. of head 100 mm			
				" Mainpiece at top pintle			
				" heel			
				" how constructed E.W. Fabricated as			
				" double or single plate Double			
				" coupling, vertical or Horizontal			
				" horizontal			
MIDSHIP BULKH'D, Upper 'tween decks				Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
" Second "				HÜTTENUNION HOERDE BROTTEN HÄRNWERK LULEÅ			
" Third "				Has the Steel been tested as required by the Rules? YES			
" Holds FR. No. in tank 100x75x7 600							
" (in Hold) FR. 556+7 90x8 550 50x50x7							
COLLISION " (in Hold) FR. 556+7 90x8 600							
AFT II " FR. 317 90x8 600							
AFTER BRACK " FR. 317 90x8 600							

EQUIPMENT No. 3848, 5 Engl. Units LETTER C						ANCHORS.	
Number of Certificate	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 55.	Description of Anchor.	Makers.
680	1st Bower	335 kg	335 kg	8898	315 kg	Forged Steel	Gebr. Heuss Mannheim
681	2nd "	335 kg	335 kg	8898	315 kg	Stockless	Mannheim
	3rd "	570 kg	570 kg		630 kg	Heuss-Klipp Patent	H K S
682	Stream	112 kg	112 kg	4070	not required	Heuss Stock	

CHAIN CABLES.						HAWSERS AND WARPS					
Number of Certificate	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and Size per Table 55.	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 55.
756	220 mm	1556	1556	220 mm	SHIP'S CLASS	Joto Werk Warmen 17.2	56	75 2 1/4	2080	Ship's Class A1	restricted service
	45 fathoms	10120	50 lbs 2 1/4	2 1/4	SHIP'S CLASS A1	Josef Topp Grimsby		2x90 4"			

Steering Gear, Type (Power or hand) HAND HYDRAULIC Alternative Means of Steering BLOCKS AND TACKLES

Steering Chains (Size and Test) NOT FITTED Windlass ELECTRIC AND HAND Boats 2 STEEL BOATS

Sliding in Holds, thickness and material Cargo Battens, thickness, material and spacing

Hatchways.—(Upper Deck) STEEL HATCHCOAMINGS AS APPROVED Thickness of Hatches 6 mm STEEL

Size of Hatchways to Drinking 1000x600 No. 2 1000x600 No. 3 No. 4 No. 5 No. 6

Water Tanks mm

Number of Shifting Beams NONE

and/or Fore and Afters

Builder's Signature: *Christof Ruthof G.m.b.H.*

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 Motorship

(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.

Workmanship and materials are good. Oil fuel for the ship's use may be carried in a day tank (not part of the ship's structure) fitted on the engine casing Frame 3 - 5. The D. Water and oil fuel tanks have been pressure tested to Rule Requirements. Shell plating, decks, bulkheads, casings, hatchcoamings with closing appliances companion ways have been satisfactorily hose-tested. Air and sounding pipes have been fitted as required by the Rules. Anchors and chain cables have been verified with certificates. Steering gear, auxiliary steering gear and its connections, windlass examined under working conditions and found in order. The rise of Floor is 0 mm.

Amount of Entry Fee £ 120 -- Fees applied for, 19

Special Survey Fee £ -- -- Received by me, 19

Travelling Expenses, if any £ 48:3-

I am of opinion the Vessel should be Classed A1 For Restricted Service

Signature: *H. J. J. J. J.*

Surveyor to Lloyd's Register of Shipping.

FRIDAY 25 OCT 1957

+A1 For harbour service at Rangoon.

LLOYD'S REGISTER OF SHIPPING

ES 12.56

**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.)

No Sister Ship built.

Plans now forwarded with Report

*Cent. for hudder sketch*

- 1.) Midship Section, Profile and Decks.
- 2.) General Arrangement.

✓ 1399 - 36	Midship Section.	✓ 34/001.000.0.05	
✓ 1399 - 09	Sea-Box.	✓ 34/001.000.0.03	
✓ ✓ 1399 - 39	Rudder Plant. (2) + (1)	✓ 34/001.000.0.04	Davit Fittings
✓ 1399 - 54	Lifeboats and Davits.	✓ 34/001.000.0.02	
✓ 1399 - 51	Funnel.	✓ 33/001.004.0.00	
✓ 1399 - 52	Emergency Exits, Crew Space and Engine Room.	✓ 4946 a	Main Switch Board.
✓ 1399 - 50	Outfit of Forebody.	✓ 1399/ 08a	Arrangement of shafts.
✓ 1399 - 53	Sanitary installation, Fuel Oil Tank.	✓ 1399/10	Arrangement of shafts and stern tube.
✓ ✓ 1399 - 46	Engine Telegraph.	✓ 1399/17	Compressor auxiliary Set.
✓ 1399 - 45	Plan of general equipment and Canvas Equipment.	✓ 1399/15	Bilge Pump auxiliary Set.
✓ 1399 - 42	Drainage Plan.	✓ 1399/14	Fire Extinguishing Pump.
✓ ✓ 1399 - 30	Fuel Day Tank	✓ ✓ 1399/16	Cargo Drinking Water Pump.
✓ 1399 - 69	Waste Pipes	✓ E 1112	Hand driven Air Compressor.
✓ 32/451. 110.0.00		✓ ✓ 1399/38	Piping Arrangement (Cooling- and Bilge Water)
✓ 30 451		✓ 1399/41	Piping for Bilge, Wash Deck, and Fire Se
✓ 32/451.120.0.00		✓ ✓ 1399/40	Piping Arrangement of Fuel Oil, Lubrication and Air Line.
✓ 32/479. 100.0.00	Davit Fittings	✓ 1399/49	Schedule of Circuits.
✓ 32/050. 006.0.00		✓ 1399/48	Electrical Installation.
✓ 33/451. 130.0.00		✓ 4942	Main Switch Board.
✓ 33/451. 130.0.01		✓ 1399/11	General View of Ship.
✓ 34/451. 131.0.01			

**PARTICULARS OF ELECTRIC WELDING** (if employed) Manual Welding carried out with approved type Electric Shell plating, decks, frames, bulkheads, casings, deckhouses, sternframe, rudder, engine se

**SPECIAL NOTATIONS** :—Either as part of the vessel's class or for record in the Register Book  
 Ferry and Waterboat for Restricted Service.  
 Lloyd's A+Cp. part E.W.  
 Motorship.

**RADAR Equipment** (State if fitted) Not fitted  
 State Type or Pattern No. —  
 State Name of } Maker  
 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 \_\_\_\_\_  
 2nd " \_\_\_\_\_ Anchors forged steel  
 3rd " \_\_\_\_\_

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., <sup>15'</sup> Forecastle — ft. <sup>RFD. to ed</sup> Instruction Part

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

Official No. \_\_\_\_\_ Signal Letters \_\_\_\_\_ Extreme Breadth over Belting 27' 0.66" Over-all Length 100' 2.40"  
 (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 steel deck sheathed with 65 mm Teak Wood

Parts of Bottom of Vessel coated with cement or approved composition Drinking Water Tanks coated with cement.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	No Double Bottom		Cargo tank, aft, Drinking Water	3500	120
Double bottom, if under Boilers only,			Cargo tank, forward, " "	3500	
Double bottom, forward,			Other tanks, if fitted, Drinking Water		
Total length (if continuous) and Capacity			Tanks for Crew	1500	18.

Order for Special Survey No. \_\_\_\_\_

Date 28th May, 1956

Dates of Surveys held while building

1956	5.4.	3.5.	11.5	22.5	5.6	15.6	19.6	28.6	10.7	19.7	26.7
	2.8	16.8.	23.8.	3.9.	11.9.	13.9.	17.9.	22.9.	1.10.		
	12.10.	17.10.	26.10.	30.10.	8.11.	10.11.	19.11.	27.11.			
	29.11.	4.12.	10.12.	17.12.	27.12.						

No S.S.O.F. available.

