

## STEEL STEAMER or MOTORSHIP.

Received at London Office 28 NOV 1931

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 *25<sup>th</sup> of November 1931* Port of *Rotterdam* No. *2053*  
Survey held at *Rotterdam* Date First Survey *4<sup>th</sup> of June 1930* Last Survey *24<sup>th</sup> of November 1931*  
On the (State if Machinery fitted Aft and of Single, Twin or Triple Screw) *Steel twin screw motor tanker "MAJA"*

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling*State Type of Erections *Prop, bridge, foremast.*

TONNAGE under Tonnage Deck

*7476.34*CLASS *+ 100 A1*State if with freeboard as condition of Class *no*Built at *Krimpen a/d IJssel*Launched *7/7 - 1931* Yard No. *618*

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) *L 450.0*Breadth (greatest moulded) *B 61.75*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34.*1st Longitudinal Number (L x D) *= 15300*2nd Numeral L x (B + D) *= 43087*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.24*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.24*  
Do. Long Bridge to top of keel *26' 2 7/8"*Draught Moulded *26' 2 7/8"*

Managers

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

Residence *Gravenhage.*

Port of Registry

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

## REGISTERED DIMENSIONS.

Length *450.87*  
Breadth *62.08*  
Depth *34.12*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
MES, Spacing amidships	<i>437</i>		Bracket Floors, Frame	<i>✓</i>	
" " from $\frac{3}{8}$ length to Collision bulkhead	<i>686</i>		" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>610</i>		" " Vertical Struts	<i>✓</i>	
E FRAMING.			Centre Girder, depth and thickness amidships	<i>1523 14 1/2</i>	
Frame Amidships, Angle <i>E</i> or <i>F</i>	<i>250 90 11 further as approved.</i>		" top Angles	<i>90 90 13</i>	
" " Extends up to	<i>Upper deck.</i>		" bottom Angles	<i>130 130 15</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>two 15 further as approved.</i>	
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>height 13 1/2</i>	
Depth of Framing Girder	<i>All bulb angle frames.</i>		" Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>✓</i>	
Frames in <i>motor space aft.</i> Uppermost Continuous Deck, Angle <i>E</i> or <i>F</i>	<i>250 90 11</i>		" Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<i>✓</i>	
" " Second tween Decks, Angle <i>E</i> or <i>F</i>	<i>250 90 11</i>		" Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>✓</i>	
" " Third " " "			" Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<i>✓</i>	
Framing in Peaks, Angle <i>E</i> or <i>F</i>	<i>200 90 11</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>✓</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 5 1/4 further as approved.</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	<i>1860 x 13</i>	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Web frames and stringers as approved.</i>		Thickness of remainder in Holds	<i>26 + 13 further as approved.</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Back bars on longitudinal tank transverses in N. Cargo tank and double riveted. Frames all as approved.</i>		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?	<i>per plan approved.</i>	
ANGLE BOTTOM. <i>forward</i>			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>970 x 10</i>		Uppermost Continuous Deck, amidships in Wells, Angle <i>E</i> or <i>F</i>	<i>230 90 14</i>	
Height of Brackets at side above base line at toe of frame	<i>✓</i>		" " in way of Bridge, Angle <i>E</i> or <i>F</i>	<i>250 90 11</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>Centre line bulkhead in deep tank forward.</i>		Spacing	<i>749 + 686 + 610</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Second Deck, amidships, Angle <i>E</i> or <i>F</i>	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing		
" " Flat Plate Keel Angles	<i>100 x 100 x 13</i>		Third Deck, amidships, Angle <i>E</i> or <i>F</i>	<i>✓</i>	
Side Keelsons, No. each side	<i>two</i>		Spacing		
" " thickness of Intercoastal Plate	<i>10 1/2</i>		Fourth Deck, amidships, Angle <i>E</i> or <i>F</i>	<i>✓</i>	
" " Angles	<i>150 150 11</i>		Spacing		
DOUBLE BOTTOM. <i>in motor space</i>			Poop Deck, Angle <i>E</i> or <i>F</i>	<i>200 75 12 1/2</i>	
Solid Floors, thickness and spacing	<i>10 1/2 + 12 1/2</i>		Spacing	<i>749 + 610</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle <i>E</i> or <i>F</i>	<i>200 75 11</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Spacing	<i>437</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Forecastle Deck, Angle <i>E</i> or <i>F</i>	<i>230 90 13</i>	
			Spacing	<i>686 + 610</i>	



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.....		1 in fore castle 5" as per plan		Stringer Plate, breadth and thickness in way of Bridge .....		✓			
" in 'tween Decks, Size and Spacing.....		In fore and aft bulk heads.		Thickness of Plating abreast Deck openings in way of Wells .....		✓			
" " " " " "		above deck tank		Thickness of Plating abreast Deck openings in way of Bridge .....		✓			
" in Holds .....		240x85x9 1/2		Thickness of Plating within line of openings.....		✓			
" " " " " "		500x100x10 1/16		If Sheathed, material and thickness .....		✓			
" " " " " "		In deck tank 1/4 130x150x11							
Five Centre Line Bulkhead S.				Third Deck.					
Stiffeners and Spacing.....		250x90x11 1/2 280x90x12		Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of .....		7/8" in distance.		If Plated, state thickness.....		✓			
10.7 + 9.7									
STRINGERS AND DECKS.				Fourth Deck.					
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....		✓			
Stringer Plate, breadth and thickness in Wells.....		2250x17.8		If Plated, state thickness .....		✓			
" " " " " in way of Bridge.....		24 + 22.7							
" Angle in Wells .....		180 180 15		Poop Deck.					
Thickness of Plating abreast Deck openings in way of Wells .....		✓ 17.4		Stringer Plate, breadth and thickness.....		✓	940 9 1/2		
Thickness of Plating abreast Deck openings in way of Bridge .....		✓ 17.4		Plating, Sheathing, material and thickness .....		✓	Steel 7 1/2 + 6 1/2		
Thickness of Plating within line of openings.....		✓ 14.8		Bridge Deck.					
If Sheathed, material and thickness .....		✓		Stringer Plate, breadth and thickness.....		✓	1420x11		
Second Deck, aft and forward				Plating, Sheathing, material and thickness .....		✓	Steel 8		
Stringer Plate, breadth and thickness in Wells.....		11 + 9		Forecastle Deck.					
				Stringer Plate, breadth and thickness.....		✓	9 1/2		
				Plating, Sheathing, material and thickness .....		✓	Steel 7 1/2 pine 12 1/2		

SHELL PLATING.									
SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.				
	AMIDSHIPS.		FORWARD.	AFT.	State if Joggled?		BUTTS.		
	Breadth.	Thickness.	Thickness.	Thickness.	Single or Double.	Rivets.	No. of Rows of Rivets.	Rivets.	Strapped or Lapped.
FLAT PLATE KEEL .....	2256	22	19.8	19.8	Double	1 4	III / III	1 4	Lapped
" DELG. (if any) .....									
BOTTOM PLATING, No. of Strakes .....	2080	16 1/2	12.7	12.7	"	7/8 3 1/2	III / III	7/8 3 1/2	"
BILGE PLATING, No. of Strakes .....	2145	16.3	12.7	12.7	"	7/8 3 1/2	III / III	7/8 3 1/2	"
SIDE PLATING, No. of Strakes .....	1660	15 1/2	12.2	12.2	"	7/8 3 1/2	III / III	7/8 3 1/2	"
UPPER DECK, Sheer-strake in Wells.....	2025	15 1/2	12.2	12.2	"	7/8 3 1/2	III / III	7/8 3 1/2	"
UPPER DECK, Sheer-strake in Bridge .....	1500	24 1/2	12.2	12.2	"	1 4	III / III	1 8 4 1/2	"
STRAKE BELOW SHEER-strake in Wells.....	1500	29.4	—	—	"	1 4	III	1 8 4 1/2	"
STRAKE BELOW SHEER-strake in Bridge .....	2060	19.2	12.2	12.2	"	1 4	III / III	1 4	"
POOP SIDE PLATING .....			10-12 1/2		"	1 4	III	1 4	"
BRIDGE SIDE PLATING .....	11				"	1 4	III	1 4	"
FORECASTLE SIDE PLATING .....		11			"	1 4	III	1 4	"

WATERTIGHT BULKHEADS.					FORGINGS AND CASTINGS.				
Total No. of <sup>0</sup> W.T. BULKHEADS in Vessel— 14									
Extending to Upper Deck (Sec. 3 c) 14									
.. Deck next below 13									
As per Rule									
					Casting or Forging.				
					Scantlings.				
					Maker's Name.				
					Any departure from approved plans to be noted.				
					KEEL, Bar .....				
					STEM .....				
					STERN FRAME { Propeller Post .....				
					Rudder ..				
					RUDDER—A×D .....				
					Speed of Vessel .....				
					RUDDER mainpiece at head ..				
					" " heel ..				
					" how constructed ..				
					" double or single plate ..				
					" coupling, vertical or horizontal ..				
					STIFFENERS.				
					Plating Thickness.				
					VERTICAL.				
					HORIZONTAL.				
					Scantlings.				
					Spacing.				
					Spacing.				
MIDSHIP BULK'H'D, Upper tween decks 12.7-10.2 P 250×90×11 755×10.2 640×10.2									
" " Second " 9.7 707									
" " Third " further as per approved plans									
" " Holds .....									
COLLISION " (in Hold) .....									
AFTER PEAK " .....									
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					STEEL.				
Vereinigte Stahlwerke A.G. Essen, Ruhr.					STEEL.				
Gutehoffnungshütte Oberhausen.					STEEL.				
Has the Steel been tested as required by the Rules?					STEEL.				

EQUIPMENT No 44610

LETTER CT.

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 33.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
33745	1st Bower	85 0 14	14	61 10 0 0	77-0-0	Begun Improved	Widener	9/16-31 H. Butler
33746	2nd "	77 3 14	14	57 12 0 0	"	"	"	"
33754	3rd "	65 3 0	0	51 4 2 0	219-2-0	"	"	"
46156	Stream	22 0 0	5 2 14	22 7 2 0	22-0-0	Common stock	"	10/15-31 H. Butler

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size per Table 33.	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 33.
3145	300 2 1/6 106 1/8	97 2-25 890-1-0	300 2 1/6 106 1/8	156.31 1/2 W.L.	Wire	120 5	59	120 5			
					Wire	4x100.2 1/4	4x100.2 1/4				

Steering Gear, Steam

Boats

Ceiling in Holds, thickness and material

Cargo Hatchways, (Upper Deck)

Size of No. 1 Hatchway (Forward)

Number of Shifting Beams and/or Fore and Afters

Steering Gear, Hand

Steering Chains, Size and Test

Cargo Battens, thickness, material and spacing

Thickness of Hatches

No. 2

No. 3

No. 4

No. 5

No. 6

Builder's Signature

W. van der Giesen & Zonen's Scheepswerf

GENERAL DECLARATION.

It should be stated (a) whether the vessel 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

The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The workmanship has been found good and the vessel has been built in accordance with the approved plans and Secretary's letters given on the other side respecting this case and in general conformity with the Society's Rules. Cargo tanks, wing tanks, fuel tanks, settling tanks, oil tanks, fuel and oil separator tanks, cofferdams and double bottom tanks tested as required by the rules and found sound and tight.

Forward marking verified and cut in the vessels sides.

Certificate of fittings and castings enclosed herewith.

Sister vessel Macuba Rotterdam Reg. N: 20458; Magdala K.M. Reg. N: 20591

The amount of Entry Fee .....

Special Survey Fee .....

Travelling Expenses, if any .....

State whether the Vessel has been built under Special Survey .....

Certificate to be sent to .....

Committee's Minute .....

Character assigned .....

Oil Eng. 200.150 lb.



## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.		Number.	Diameter.	
of L, L or C .....																		
in Bridge 'tween Decks ...																		
from Uppermost Continuous No. 1																		
" 2																		
" 3																		
" 4																		
" 5																		
" 6																		
" 7																		
" 8																		
" 9																		
" 10																		
" 11																		
" 12																		
" 13																		
" 14																		
" 15																		
" 16																		
Amidships .....																		
At Ends .....																		
Tank Top Longitudinals																		
Bottom " L	15	4	.53	15	4	.53	15	4	.53	15	4	.53	15	4	.53	15	4	.53
Amidships	31			31			31			31			31			31		
At Ends...	31			31			31			31			31			31		
Transverses.																		
Depth and Thickness																		
Face Angles .....																		
Lugs to Shell* .....																		
Depth and Thickness																		
Face Angles .....																		
Lugs to Shell* .....																		
Depth and Thickness																		
Face Angles .....																		
Lugs to Shell* .....																		
Back Bars ...																		
Brackets .....																		
of Transverse Frames .....																		
State if joggled or liners.																		
Bridge Deck ...																		
Upper " L	8	3 1/2	.42	8	3 1/2	.42	8	3 1/2	.42	8	3 1/2	.42	8	3 1/2	.42	8	3 1/2	.42
Second "																		
Third "																		

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

(per Section 28.)

elling expenses (if chargeable) .....

16.00

Received by me,

31.12.31

W252-0011 (3/3)

Engineer Surveyor to Lloyd's Register of Shipping.



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 copy of the Plans should be embodied.)

Secretary's letters M. T. numbers of sister vessel see below.  
18/3-1930 Midship section, midship bulkhead, sketches showing attachment of bottom longitudinal to transverse bulkheads.

17/3-1930 Propeller brackets.

21/3-1930 Transverse bulkhead stiffener in wing tanks.

25/3-1930 Breadth and thicknesses of strakes of shell plating.

26/3-1930 Modified scantlings in way of forward oil tanks and racking list.

27/3-1930 Profile and deck plating. 31/3-1930 Transverse bulkhead and midship stringer.

7/4-1930 Equipment.

14/4-1930 Stern frame and rudder.

30/4-1930 Proposed alternative arrangement of the stiffening of the aftercofferdam bulkhead.

5/5-1930 Plan of afterend.

6/5-1930 Alternative method of attaching the aftermost stiffener of the longitudinal bulkhead to the shell in wing tank. Proposal to double rivet the lap of the transverse bulkhead on centre girder.

6/5-1930 Position of holes to be cut in the centre girder for pipelines.

7/5-1930 Plan showing the proposal to overlap the frames on the hatch.

10/5-1930 Structural arrangement in way of the fore end.

14/5-1930 Typical arrangement of the holes through the main transverse floors for heating coils.

14/5; 28/5; 31/5; 13/6; 1930 motor seating.

23/5-1930 Plan of afterpeak bulkhead.

27/5-1930 Proposal to cut two additional lightening holes 8 inches diameter each frame space.

19/6-1930. Plan showing the frames at the afterend.

24/6-1930 Construction of double bottom in way of the motor engine.

2/7-1930 Midship section, transverse bulkhead and stiffeners.

Amsterdam Scheepbouw Maatschappij Jara N° 210-211

Rotterdam Maatschappij Fryenona Jara N° 320-321

1/2 Giessen, Scheepswerven Jara N° 617-618 Burghout Jara N° 617-618

Copies of all plans in Loran. For midship section of this vessel see p. 24/5-1930 1/2 Giessen's Jara N° 617-618.

Vessels already approved: M.V. "Macuba" Jara N° 469 Rotterdam Rep. N° 20450

M.V. "Magdala" Jara N° 617 " " N° 20591

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

1st Bower	54 Cwt. 3 Qr. 21 Lbs. I.R. N° 3345	Antwerp 4/2-31	D.C. Butler
2nd "	52 Cwt. 3 Qr. 14 Lbs. I.R. N° 3288	" 10/1-31	D.C. Butler
3rd "	41 Cwt. 3 Qr. 0 Lbs. I.R. N° 6397	" 30/4-31	A. Benne

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 102.5 ft., R.Q.D. ✓ ft., Bridge 34.8 ft., Forecastle 42.6 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One steel deck.

Official No. : Signal Letters Is bottom of Vessel coated with cement Yes in peaks if not not in cargo tanks

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	26.2	225
Double bottom, under Engines and Boilers,			After peak tank,	16.7	41
Double bottom, if under Engines only,	68.8	222	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	31.5	355
Double bottom, forward,			Other tanks, if fitted, fuel bunker.	12.1	500
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 796

Date 8/4-1930

Dates of Surveys held while building

4-24/6; 3-17-22-30/7; 7/8; 4-16-22-25/9; 1-8-15-25-30/10;  
5-7-14-21-27/11; 2-11-17-19-24-31/12; 1930.  
5-13-20-23-30/1; 2-11/2; 2-6-13-19-23-27-31/3; 4-9-13-15-18-20/4;  
1-6-13-18-20-22/5; 1-3-5-10-12-18-24/6; 3-7-14-25-28-31/7;  
24/11; 1931

Total No. of Visits 6

For S.S.O.F. please see M.V. "Magdala", F.E. Rpt. Rot 20591