

STEEL ~~STEAMER~~ or MOTORSHIP.

13 FEB 1928

Received at London Office

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 *2nd of February 1928* Port of *Rotterdam* No. *17193*
 Survey held at *Rijmpun a/d yssel* Date First Survey *27th of October 1926* Last Survey *25th of January 1928*
 On the *(State if Machinery fitted A/R)* *Single Skel screw steamer*, *DORDRECHT*,
Motorship

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

State Type of Erections

TONNAGE under Tonnage Deck... *3371.05*CLASS *100 A1*State if with freeboard as condition of Class *no*Built at *Rijmpun a/d yssel*Launched *7/11-1927* Yard No. *577*Builders *vd Giesen & Zonen's Scheeps-werken.*Owners *N.V. Maatschappij Stoomschip Baarnrecht.*Managers *"* (Where necessary to be entered in Reg. Book.)Residence *Rotterdam*Port of Registry *Rotterdam*

If surveyed while building, afloat, or in dry dock

White building

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

Total

Gross Tonnage *4401.51*Register Tonnage *2515.18*REGISTERED DIMENSIONS.
FEET.Length *351.13*Breadth *50.25*Depth *24.8*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 350.-*Breadth (greatest moulded) *B 50.-*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 25.-*1st Longitudinal Number (L x D) *= 8750*2nd Numeral L x (B + D) *= 26250*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14. ✓*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.7 ✓*
Do. *Long Bridge to top of keel*Draught Moulded *21'-5 7/8*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships <i>Longitudinal framing</i>			Bracket Floors, Frame <i>✓</i>	
" " from 1/2 length to Collision bulkhead.....	<i>650</i>		" " Reversed Frame.....	<i>✓</i>
" " in peaks.....	<i>610</i>		" " Vertical Struts.....	<i>✓</i>
SIDE FRAMING. <i>In Motorspace</i>			Centre Girder, depth and thickness amidships <i>1375 x 12 1/2</i>	
Frame Amidships, Angle, E or C.....	<i>270 90 13</i>		" " top Angles.....	<i>90 90 13</i>
" " <i>forward 3/5 length</i> Extends up to.....	<i>230 90 11</i>		" " bottom Angles.....	<i>90 90 13</i>
Reversed Frame Amidships, Angle.....	<i>✓</i>		Side Girders, No. each side and thickness <i>two and further as approved</i>	
" " Extends up to.....	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness.....	<i>straight 11 as per plan</i>
Depth of Framing Girder.....	<i>✓</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....	<i>✓</i>
Frames in Uppermost Continuous 'tween Decks, Angle, C or E.....	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem.....	<i>✓</i>
" " Second 'tween Decks, Angle, C or E.....	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<i>✓</i>
" " Third " " " ".....	<i>✓</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem.....	<i>✓</i>
Framing in Peaks, Angle or C.....	<i>170 75 10</i>		Tank Side Brackets, height above base line at toe of Frame and thickness <i>1700 further as approved on plan notobscuring</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	<i>see label Longitudinal framing</i>		INNER BOTTOM PLATING.	
State if Frame Joggled.....	<i>4 sides strengthened in connection with web frames all as approved. Double riveted frames and sideboards fitted as approved. ✓</i>		Breadth and thickness of Middle Line Strake.....	<i>1720 12 1/2</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars.....	<i>all as approved.</i>		Thickness of remainder in <i>Holds Motorspace</i> <i>14 x 12 1/2</i> <i>see further plan approved.</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars.....			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>✓</i>
SINGLE BOTTOM. <i>forward 3/5 length</i>			BEAMS.	
Floors, Depth and thickness at mid-line in Holds.....	<i>760 x 9</i>		Uppermost Continuous Deck, amidships in Wells, Angle, E or C.....	<i>200 75 11</i>
Height of Brackets at side above base line at toe of frame.....	<i>1650</i>		" " in way of Bridge, Angle, C or E.....	<i>650 + 610</i>
Middle Line Keelson, on Floors, Angles, C or E.....	<i>Centre line bulkhead</i>		Spacing.....	<i>650 + 610</i>
" " Through Plate or Intercoastal Plate.....	<i>100 100 14</i>		Second Deck, amidships, Angle, C or E.....	<i>✓</i>
" " Foundation Plate on Floors.....	<i>✓</i>		Spacing.....	<i>✓</i>
" " Flat Plate Keel Angles.....	<i>✓</i>		Third Deck, amidships, Angle, C or E.....	<i>✓</i>
Side Keelsons, No. each side <i>only forward one</i>	<i>✓</i>		Spacing.....	<i>✓</i>
" " thickness of Intercoastal Plate.....	<i>850 x 9</i>		Fourth Deck, amidships, Angle, C or E.....	<i>✓</i>
" " Angles.....	<i>220 85 10 1/2</i>		Spacing.....	<i>✓</i>
DOUBLE BOTTOM. <i>Only in Motorspace</i>			Poop Deck, Angle, E or C.....	<i>180 75 9 1/2</i>
Solid Floors, thickness and spacing.....	<i>9 650</i>		Spacing.....	<i>650 + 610</i>
" " Are Frame and Reversed Frame joggled?.....	<i>Yes only reverse frames</i>		Bridge Deck, Angle, C or E.....	<i>✓</i>
Bracket Floors, breadth and thickness at middle line.....	<i>✓</i>		Spacing.....	<i>✓</i>
" " breadth and thickness at margin plate.....	<i>✓</i>		Forecastle Deck, Angle, C or E.....	<i>200 75 10 1/2</i>
			Spacing.....	<i>650 + 610</i>

PILLARS AND DECKS.

	INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows <i>in fore-castle</i> two <i>and main</i> two <i>70 + 90</i> ✓			Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing..... ✓			Thickness of Plating abreast Deck openings in way of Wells	15 + 20 ✓	
„ „ „ „ „ ✓			Thickness of Plating abreast Deck openings in way of Bridge	✓	
„ in Holds „ „ ✓			Thickness of Plating within line of openings..	15 ✓	
„ „ „ „ „ ✓			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing... <i>Longitudinals and webs as per approved plan</i> ✓			Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of <i>12 1/2 to 10</i>			If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells <i>1430 x 11</i>			If Plated, state thickness	✓	
„ „ „ „ in way of Bridge ✓			Poop Deck.		
„ Angle in Wells <i>150 150 14</i> ✓ ✓ ✓			Stringer Plate, breadth and thickness <i>840 x 14 + 0 1/2</i> ✓ ✓		
Thickness of Plating abreast Deck openings in way of Wells <i>11-9-8</i> ✓ ✓ ✓			Plating, Sheathing, material and thickness <i>skel 14 + 0</i> ✓		
Thickness of Plating abreast Deck openings in way of Bridge ✓			Bridge Deck.		
Thickness of Plating within line of openings... ✓			Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness			Plating, Sheathing, material and thickness	✓	
Trunk Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells... ✓			Stringer Plate, breadth and thickness	8 1/2 ✓	
			Plating, Sheathing, material and thickness	skel 10 ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no</i>	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.	
	<i>inches</i> <i>mm</i>	<i>inches</i> <i>mm</i>	<i>inches</i> <i>mm</i>	<i>inches</i> <i>mm</i>				<i>Inches.</i>	<i>Inches.</i>		<i>Inches.</i>	<i>Inches.</i>	
FLAT PLATE KEEL	1200	20 1/2	16	16		Double	1	4	III / III	1	4	Lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ... 4	1260 1650 1650 1820	13 1/2	12	11		Double	7/8	3 1/2	III	7/8	3 1/8	Lapped	
BILGE PLATING, No. of Strakes ... 1	1500	13 1/2	11	11		"	7/8	3 1/2	III	7/8	3 1/8	"	
SIDE PLATING, No. of Strakes ... 2	1650 1650	13	10 1/2	10 1/2		"	7/8	3 1/2	III	7/8	3 1/8	"	
UPPER DECK, Sheer-strake in Wells	1920	13	10 1/2	10 1/2		"	7/8	3 1/2	III	7/8	3 1/8	"	
UPPER DECK, Sheer-strake in Bridge	prop limit		15			"	7/8	3 1/2	III	7/8	3 1/8	"	
STRAKE BELOW Sheer-strake in Wells	1010	13	10 1/2	10 1/2		"	7/8	3 1/2	III	7/8	3 1/8	Lapped	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING			9			Single	3/4	3	II	3/4	2 5/8	Lapped	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			10			Single	3/4	3	I	3/4	2 5/8	Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....19 ✓

Deck next below.....✓

As per Rule ✓

		Plating Thickness. mm	STIFFENERS.				STERN FRAME	Propeller Post	
			VERTICAL.		HORIZONTAL.			Rudder	"
			Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKH'D, Upper tween decks		12½ No 10	Two webs as per plan		as approved				
"	" Second "	8½	as per plan		as approved				
"	" Third "								
"	" Holds								
COLLISION (in Hold)		12½ No 10	270 x 90 x 13 150 x 70 x 9 ± 610		Semi brn beams as per plan				
AFTER PEAK		22-8½	230 x 90 x 11 150 x 90 x 10 ± 610						
							RUDDER—A × D.....		
							Speed of Vessel	11½ ✓	
							RUDDER mainpiece at head ...	226 ✓	
							" " heel ...	Casting as Messrs Bochum	
							" how constructed	approved. { Messrs Bochum	
							" double or single plate	Cert's patent Double plate.	
							" coupling, vertical or horizontal.....	As approved.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Plat	Keel plate		
STEM	forged	216x61	Builders.	
STERN FRAME {	Propeller Post	Casting as per	Messrs Bochums	
	Rudder "	approved plan	Messrs Bochums	
RUDDER—A x D				
Speed of Vessel	11 $\frac{1}{2}$			
RUDDER mainpiece at head ..	226			
" " heel ..	Casting as	Messrs Bochums		
" how constructed	approved.	Messrs Bochums		
" double or single plate ..	Cert. patent	Double plated.		
" coupling, vertical or horizontal	Asia			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens-Martin process; Gussstahlfabrik Oberhausen; August Thyssen Hütte Gewerkschaft; Abteiling Rüsselaner Röhren und Eisenwerkzeuge.*

Has the Steel been tested as required by the Rules? *Yes. August Thyssen Hütte, Hamborn am Rhein.*

Motor vessel "DORDRECHT."

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. Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
																Number.	Diameter.	
		ft.	ins.	mm.	ft.	ins.	mm.	ft.	ins.	mm.	ft.	ins.	mm.	ft.	ins.	mm.		inches.
Framing of E, L or F <i>Trunk side</i>		180	75	9				180	75	8.5								
Frames in Bridge 'tween Decks ...		180	75	9				180	75	8.5								
Frames from Uppermost Continuous Deck No. 1		180	85	10				180	85	10				22	132		7	22
" 2		200	85	10				200	85	10				22	132		8	22
" 3		200	85	11½				200	85	11½				22	132		8	22
" 4		230	90	11				230	90	10				22	132	88 for 12 rivets	9	22
" 5		230	90	11				230	90	11				22	132	" " " "	9	22
" 6		240	90	11½				240	90	11				22	132	" " " "	10	22
" 7		240	90	12½				240	90	12½				22	132	" " " "	10	22
" 8		270	90	13				270	90	11				22	132	" " " "	11	22
" 9		290	90	16				290	90	16				22	132	" " " "	11	22
" 10		290	90	16				290	90	16				22	132	" " " "	11	22
" 11		290	90	16				290	90	16				22	132	" " " "	11	22
" 12		290	90	16				290	90	16				22	132	" " " "	11	22
" 13		290	90	16				290	90	16				22	132	" " " "	11	22
" 14		290	90	16				290	90	16				22	132	" " " "	11	22
" 15		290	90	16				290	90	16				22	132	" " " "	11	22
" 16		290	90	16				290	90	16				22	132	" " " "	11	22
Spacing of Longitudinal Frames		Amidships			At Ends													
Double Bottoms		Tank Top Longitudinals																
L, L or C		Bottom "																
Spacing of Longitudinals		Amidships			At Ends...													
Transverses.														Rivets in Lugs to Shell Diam. Speng.				
<i>Trunk</i> In Bridge		Depth and Thickness			560 x 10			560 x 10										
'tween Decks		Face Angles			flanged 125			flanged										
		Lugs to Shell			90 90 10			90 90 10						19 86				
In Upper 'tween Decks.		Depth and Thickness																
		Face Angles																
		Lugs to Shell*																
In Hold.		Depth and Thickness			760 x 11½			760 x 11½										
		Face Angles			170 100 14			170 100 14										
		Lugs to Shell*			150 150 11½			150 150 11½						22 94				
		Brackets			1630 x 11½			1630 x 11½										
Spacing of Transverse Frames																		
		* State if joggled or liners.																
Longitudinal Beams of		<i>Trunk</i> Bridge Deck ...			180 85 9			180 85 8½										
		Upper "			180 75 9			180 75 8½										
E, L or F		Second "																
		Third "																
											Spacing.			In Ships.		As approved.		
														Plate.		Angles.		
														430 x 10 flanged 125		430 x 10 flanged		
														520 x 10 150 x 90		460 x 10 150 x 90		

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.

EQUIPMENT No. 28370 ✓												LETTER 00 ✓		ANCHORS.	
Number of Certificate.	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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
1108	1st Bower ...	52	0	10	52	0	10	43	10	0	0	52-2-0	Bongers patent	R.N.G. Leiden	Leiden 7/6-27 W. Williams
1109	2nd " ...	52	0	1	"	"	"	43	10	0	0	"	"	R.N.G. Leiden	" 7/6-27 W. Williams
1110	3rd " ...	51	2	0	"	"	"	43	18	0	0	"	"	R.N.G. Leiden	" 7/6-27 W. Williams
	Collective weight.	155	2	11								149-2-0			
1107	Stream	14	10	2	13	1	20	16	1	0	0	14-0-0	Common stock	R.N.G. Leiden	" 7/8-27

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
1410	270	2 1/8	76 1/2	107 1/8	625-2-15	573-3-0	270	2 1/8	Shud	R. N. G. Loom 22/6-27 P. F. Willemson		nire TOWLINE	120	4 1/2	39	120	4 1/2
												HAWSEERS & WARPS	4x90	7		4x90x7	
												"					
(Iron-Stream) (Chain- or) (Steel Wire)	90	4 1/2		39			90	4 1/2				"					

Steering Gear, Steam *Direct acting* ✓ Steering Gear, Hand *Yes* ✓
Boats *2 lifeboats* ✓ Steering Chains, Size and Test _____ Windlass *Iron Steam patent* ✓
Ceiling in Holds, thickness and material _____ ✓ Cargo Battens, thickness, material and spacing _____ ✓
Cargo Hatchways.—(Upper Deck) _____ Thickness of Hatches *Light Steel hatches* ✓
Size of No. 1 Hatchway (Forward) _____ ✓ No. 2 _____ ✓ No. 3 _____ ✓ No. 4 _____ ✓ No. 5 _____ ✓ No. 6 _____ ✓
Number of Shifting Beams and/or Fore and Afters _____ ✓

C. van der Giessen & Zonen's
Scheepswerven.

Builder's Signature

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 was found good and the vessel has been built in accordance with the approved plans and Secusamy's letters and copies of the letters sent to Sir Joseph Threlwood dated H 13/10; 2-19; 6/11; 10/11; 12/11; 19/11; 9-31/12; 1926. 28/1; 1/3; 9/6; 1/7; 11/7; 28/7; 14/12 30/12; 1927; and Rotterdam letter 17/1-27 respecting this case and in general conformity with the Society's Rules. Cargo tanks, fuel tanks, cofferdams, fore and after peak tanks and double bottom tanks have been tested with a head of water as required by the rules and found sound and tight. Certification tested and found tight. Trueboard verified and marking cut in the vessels side.

The amount of Entry Fee £ 96.00 Fees applied for, 61

Special Survey Fee..... 5312.00

Travelling Expenses, if any

Fees applied for,

Received by me.

I am of opinion the Vessel should be Classed + 100A1

Carrying Petroleum in Bulk

State whether the Vessel has been built under Special Survey

Certificate to be sent to Kottaram Date of issue

Date of issue

Signature:

Surveyor to Lloyd's Register of Shipping

Committee's Minute

Character assigned

TUES. 21 FEB 1928

+ 100 Al. Carrying Petroleum in Bulk

Lloyd's A & Co

+ L. H. C. 1:28
Cut Engines

20 B. 142 lb.

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Lloyd's Register
Foundation

002305-002319-0089 2/3

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.)

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

1st Bower *33 Cwt - 2 Qrs - 22 lbs. N° 203 Antwerpen A.B. 15/12-26*
2nd „ *34 Cwt - 0 Qrs - 24 lbs. N° 205 „ A.B. 15/12-26*
3rd „ *33 Cwt - 0 Qrs - 8 lbs. N° 204 „ A.B. 15/12-26*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *70* ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle *38.33* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *no*

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

Official No. _____; Signal Letters _____

Is bottom of Vessel coated with cement *in peaks only.* if not given particulars of composition *Coated as required.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<i>19.5</i>	<i>17.5</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>14</i>	<i>50</i>
Double bottom, if under Engines only, <i>not in space aft.</i>	<i>51.5</i>	<i>± 120</i>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
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. *114*

Date *20/9-1926*

Dates of Surveys held while building

27/10; 3/11; 8-16/12; 1926
6-17-20/1; 18/2; 2-8-23-24/3; 29/4; 4-11-25/5; 9-15-21/6; 4-5-20-25/7;
2-9-22-30/8; 9-14-17-21-23-27-30/9; 4-8-13-17-19-21-25-27-29/10; 3-7/11;
5-19-21-30/12; 1927
12-19-23-25/1; 1920

Total No. of Visits *53*