

STEEL STEAMER ~~or MOTORSHIP~~

Received at London Office 16 MAR 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 *4th of March 1931* Port of *Rotterdam* No. *20163*Survey held at *Rotterdam* Date First Survey *6/11-1930* Last Survey *26/2* 1931On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *Steel single screw steamer tug EBR O*State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) *Tug* State Type of Erections *Bridge & Forecastle*TONNAGE under Tonnage Deck... *229.09* CLASS *100 A1* State if with freeboard as condition of Class *no* Built at *Rotterdam*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 116.0* Breadth (greatest moulded) *B 24.0* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 12.75*Total Gross Tonnage *268.41* Register Tonnage *33.37* 1st Longitudinal Number (L x D) *= 1479* 2nd Numeral L x (B + D) *= 4263*REGISTERED DIMENSIONS. FEET. Length *116.67* Breadth *24.08* Depth *12.00* Framing Depth "d" at middle of length. See Sec. 3 (1d) *11' 7 1/2"* Proportions—Depth to Length—Uppermost continuous deck to top of keel *9.1* Do. Long Bridge to top of keel *11' 9 1/4"* Draught Moulded *mean 11' 9 1/4"*Builders *N.V. Mach. fab. & Scheepsw. van P. Smid Jr.* Owners *N.V. Internationale Sleepdienst Maatschappij* Managers *"*Residence *Rotterdam*Port of Registry *Rotterdam*If surveyed while building, afloat, or in dry dock *Building.*

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.
AMES, Spacing amidships	550		Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	500		" " Reversed Frame		
" " in peaks	550 + 500		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, <i>E or F</i>	120 75 122	<i>further as approved</i>	" " top Angles		
" " Extends up to	<i>deck</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	65 65 7	" "	Side Girders, No. each side and thickness	✓	
" " Extends up to	<i>on floors only</i>		Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>[</i> or <i>]</i>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, <i>[</i> or <i>]</i>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle <i>E or F</i>	100 65 8		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	16 112	<i>in further as approved.</i>	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>not joggled.</i>		Breadth and thickness of Middle Line Strake	✓	
PAINTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>no special painting arrangement on stem plating on account of design.</i>		Thickness of remainder in Holds		
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?		
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	350 x 7	<i>further as approved.</i>	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	115 65 8	
Height of Brackets at side above base line at toe of frame	565		" " in way of Bridge, Angle, <i>E or F</i>	115 65 8	
Middle Line Keelson, on Floors, Angles, <i>[</i> or <i>]</i>	260 x 15 x 98 x 16		Spacing	550 + 500	
" " Through Plate or Intercostal Plate	✓		Second Deck, amidships, Angle, <i>[</i> or <i>]</i>	✓	
" " Foundation Plate on Floors	✓		Spacing	✓	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, <i>[</i> or <i>]</i>	✓	
Side Keelsons, No. each side <i>on floors</i> 130 x 100 x 10			Spacing	✓	
" " thickness of Intercostal Plate	✓		Fourth Deck, amidships, Angle, <i>[</i> or <i>]</i>	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, <i>[</i> or <i>]</i>	✓	
Solid Floors, thickness and spacing	✓		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	✓		Bridge Deck, Angle, <i>E or F</i>	100 65 7	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	550 + 500	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <i>E or F</i>	120 75 7	
			Spacing	500	

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.....									
" in 'tween Decks, Size and Spacing.....									
" " " " " "									
" in Holds " " "	50	75	Ø						
" " " " " "	1100								
Centre Line Bulkhead.									
Stiffeners and Spacing.....	✓								
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	1470	x	Ø						
" " " " in way of Bridge			Ø						
" Angle in Wells	75	75	Ø						
Thickness of Plating abreast Deck openings in way of Wells			Ø						
Thickness of Plating abreast Deck openings in way of Bridge			8.						
Thickness of Plating within line of openings...		7	+ Ø						
If Sheathed, material and thickness		teak	63 mm.						
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 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.....							6		
Plating, Sheathing, material and thickness ...							6 teak	63	
Forecastle Deck.									
Stringer Plate, breadth and thickness.....							650 x 6		
Plating, Sheathing, material and thickness ...							6 teak	63	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.	
	inches. mm	inches. mm	inches. mm	inches. mm			inches. mm	inches. mm		inches. mm	inches. mm		
Garboard strake													
FLAT-PLATE KEEL	1040	10 1/2	9 1/2	9 1/2		Single	16	62	Two	16	56	Lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ...2.....	1280 1350	8	7	7		„	16	62	Two	16	56	„	
BILGE PLATING, No. of Strakes4.....	1120	10 1/2	9	9		„	16	62	Two	16	56	„	
SIDE PLATING, No. of Strakes													
UPPER DECK, Sheer-strake in Wells.....	1060	10 1/2	9	9		„	16	62	Two	16	56	„	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells.....	1450	10 1/2	9	9		„	16	62	Two	16	56	„	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...		6				Single	16	62	One	16	56	„	
FORECASTLE SIDE PLATING			6			Single	16	62	no butts fitted				

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—4

Extending to Upper Deck (Sec. 3 c) 4

" Deck next below ✓

As per Rule *approved plan 4*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" frame, 15 Second	10	4 100x65x8	760	Tank deck.	
" frame, 49 Third	10	4 115x65x9	610	Tank deck.	
" Holds	10	4 130x75x11		Peak deck.	
COLLISION (in Hold)	6 1/2	4 75x65x8	610	Tank deck.	
AFTER PEAK	12	4 115x65x9	610	Tank deck.	

FORGINGS and CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Forging	165x38	rolled material	
STEM	"	146x47	"	"
STERN FRAME { Propeller Post	"	140x70	Mach. fab. & Schuyt.	
Rudder	"	135x70	verf van P. Smits	
RUDDER—A x D.....		71		
Speed of Vessel.....		11 knots	See plan	
RUDDER mainpiece at head ...	Forged	128	Mach. fab. & Schuyt.	
" heel ...		105	verf van P. Smits	
how constructed		Single plate	was shrunked on	
double or single plate		Single plate		
coupling, vertical or horizontal.....		Horizontal		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin process.**Gutehoffnungshütte Oberhausen; Vereinigte Stahlwerke Aktiengesellschaft Dortmund.*Has the Steel been tested as required by the Rules? *Yes.*

Lloyd's Register

Foundation

EQUIPMENT No. 4263												LETTER	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.			
1532	1st Bower	9	1	25	Shackles			11	11	0	0	16-2-0	K.N.G. Liden	K.N.G. Liden	14/10-30 H. 1/2 Wheel.
1531	2nd "	8	3	3	"			11	2	0	0	16-0-0	"	K.N.G. Liden	14/10-30 H. 1/2 Wheel.
	3rd "														
	Collective weight.	18	1	0								12-2-0.			
	Stream														

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.					Ins.	Fathoms.		Ins.	Fathoms.	Ins.
3116	105	1 1/4	28 1/2	42 1/2	89	3	24	46	0	0	90	1	stud K.N.G. Liden	28/10-30 H. 1/2 Wheel	ROPELINE...	60	6		60	6
3119	90	1 1/4	28 1/2	42 1/2	70	3	2						" K.N.G. Liden	28/10-30 H. 1/2 Wheel	HAWSERS & WARPS	60	4 1/2		60	4 1/2
	195																			
		Ins.													"					
Iron Stream Chain or Steel Wire															"					

Steering Gear, Steam *Yes* Steering Gear, Hand *Yes*
 Boats *2 boats* Steering Chains, Size and Test *3/4* *6-15-0-0* Windlass *Tin steam patent.*
 Ceiling in Holds, thickness and material *none fitted* Cargo Battens, thickness, material and spacing *none fitted.*
 Cargo Hatchways.—(Upper Deck) ☒ Thickness of 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 ☒

N.V. MACHINEFABRIEK & SCHEEPSWERF
 van P. SMIT Jr., ROTTERDAM

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 *no* (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.

The workmanship was found good and the vessel has been built to the approved plans, copies of which are being retained in the London office for record, in agreement with the instructions contained in Secretary's letters M 21/8; 2/10; 1930 and Rotterdam letters 18/8; 1/10; 1930 respecting this case and in general conformity with the Society's Rules. Frying certificates, steamframe and manometer sent herewith. Forepeak tank, deep tank forward wing tanks and afterpeak tank tested under pressure as required by the rules and found sound and tight. All bulkheads and deck tested by hose and found tight. Fuelboard marking verified and cut in the vessels sides.—The following plans have been approved and copies of same have been retained in the London office. Midships section; Profile and deck; stem steamframe and manometer.

The amount of Entry Fee *f 36.00* Fees applied for,
 Special Survey Fee... *f 323.00* 19
 Travelling Expenses, if any *f 25.00* Received by me, *25-3-1931*

I am of opinion the Vessel should be Classed *100 A 1*
"For towing services."

State whether the Vessel has been built under Special Survey *Yes*
 Certificate to be sent to *Rotterdam Surveyor* Date of issue *8/4/31*

Signature *J. V. Heerwaarden*
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

WED. 8 APR 1931

Character assigned

+100A1
For Towing Services

+ L.M.C. 3.31

Lloyd's A.C.R.

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Lloyd's Register
 Foundation

002725-002735-0062 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 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 *6 Cnt - 1 Qr. 10 lbs. L.R. N° 1138 Antwerp 30/3-27 M. A. Black.*
2nd „ *5 Cnt - 3 Qr. 22 lbs. L.R. N° 68 Dusseldorf 23/4-23 J. Quast.*
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge *38.6* ft., Forecastle *11.6* 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) *1 Deck. Teak*

Official No. ; Signal Letters Is bottom of Vessel coated with cement *yes* if not give particulars of composition ☒

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>8.25</i>	<i>9</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>10.8</i>	<i>20.5</i>
Double bottom, if under Engines only,			Deep tank, aft, <i>tanks in bow of forward</i>	<i>13.5</i>	<i>8.</i>
Double bottom, if under Boilers only,			Deep tank, forward,	<i>8.5</i>	<i>27.</i>
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom				

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

Order for Special Survey No. *806*

Date *24/8 - 1930*

Dates of Surveys held while building { *6-10-14-19-20-24-29/11; 2-5-8-10-16-19-22-24-29/12; 1930*
2-7-8-14-15-19-21-28-31/1; 24-26/2;