

STEEL STEAMER OR MOTORSHIP.

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Date of completion of report 21st April 1946 Port of Rotterdam No. 89460
Survey held at Rotterdam Date First Survey 1st February Last Survey 1st April 1946
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw motor vessel VANGELDER (EX. LIES) machinery fitted aft
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Coracable

TONNAGE under Tonnage Deck ... 279
Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓
Total ✓
Gross Tonnage 325
Register Tonnage 230

CLASS 100A1 State if with freeboard as condition of Class no
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 40 ✓
Breadth (greatest moulded) B 8 ✓
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 3 ✓
1st Longitudinal Number (L x D) = 120 ✓
2nd Numeral L x (B + D) = 440 ✓
Framing Depth "d," at middle of length. See Sec. 3 (1d) 2.64
Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.33
Do. Long Bridge to top of keel
Draught Moulded 2.81 m

Built at Quibury
Launched 1914 Yard No. ✓
Builders Errol Berminghams
Owners Hollandische Reederei
Managers (Where necessary to be entered in Reg. Book)
Residence Rotterdam
Port of Registry Rotterdam
If surveyed while building, afloat, or in dry dock afloat and on slipway

REGISTERED DIMENSIONS.

FEET

Length 40.17 m
Breadth 8.04
Depth 2.96

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	400 mm		Bracket Floors, Frame		
" " from 1/3 length amidships to Collision bulkhead	400 "	✓	" " Reversed Frame		
" " in peaks	400 "	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	75 55 7	✓	" " top Angles		
in engine room with met frame	deck	✓	" " bottom Angles		
Extends up to	deck	✓	Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle	65 65 6 1/2	✓	Margin Plate depth (excl. of flange) and thickness		
Extends up to	deck	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Depth of Framing Girder	75	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Third	✓		Tank Side Brackets, height above base line at toe of Frame and thickness		✓
from 1/2 len. for'd. to 15% len. from Stem	as amidships, but reversed frames at every frame	✓	INNER BOTTOM PLATING.		
in Peaks, Angle or F	do	✓	Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	16 110	✓	Thickness of remainder in Holds		
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?		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as approved	✓	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	" "	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	90 65 8	Hall beam
SINGLE BOTTOM.			" " in way of Bridge, Angle, E or F	150 75 10	Keelson
Floors, Depth and thickness at mid-line in Holds	300 7	✓	Spacing	400	✓
Height of Brackets at side above base line at toe of frame	✓		Second Deck, amidships, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F	100 75 9	✓	Spacing		
" " Through Plate or Inter-costal Plate	9.5	✓	Third Deck, amidships, Angle, E or F		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	90 90 8	✓	Fourth Deck, amidships, Angle, E or F		
Side Keelsons, No. each side	one	✓	Spacing		
" " thickness of Inter-costal Plate	8	✓	Poop Deck, Angle, E or F		
" " Angles	14 65 50 7	✓	Spacing		
DOUBLE BOTTOM.			Bridge Deck, Angle, E or F		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate					

[illegible]

STAKES.				AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.		RIVETING.					
				AMIDSHIPS.		FORWARD.				State if jogged?				BUTTS.			
				Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.		No. of ROWS OF RIVETS.		RIVETS.			
				<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>							<small>Diam.</small>	<small>Spacing cr. to cr.</small>	<small>Diam.</small>	<small>Spacing cr. to cr.</small>
				<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>	<small>Inches.</small>							<small>Inches.</small>	<small>Inches.</small>		
Flat Plate Keel.....				1400	9	9	9			single		16	70	2	16	68	lapped
" Dblg. (if any)				750	9	9	9	2		"	"	"	2	"	"	strapped	
Bottom Plating, No. of Strakes.....				1500	7	7	7	9 lapped		"	"	"	2	"	"	lapped	
Bilge Plating, No. of Strakes.....				1200	9	9	7			"	"	"	3	"	"	"	
Side Plating, No. of Strakes.....				1400	7	7	7			"	"	"	2	"	"	"	
Upper Deck, Sheer-strake in Wells.....				1070	9	9	9			"	"	"	3	"	"	strapped	
Upper Deck, Sheer-strake in Bridge				"													
Strake below Sheer-strake in Wells.....				see side plating											55 Rule.		
Strake below Sheer-strake in Bridge				"													
Poop Side Plating.....				"													
Bridge Side Plating.....				"													
Forecastle Side Plating				1000		7				"		16	70	1	16	68	strapped

Total No. of W.T. BULKHEADS in Vessel— 5 *4 for record*
 Extending to Upper Deck (Sec. 3 c) 5
 „ Deck next below ✓
 As per Rule 3

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
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	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULK'H'D, Upper 'tween decks					
" " Second " "					
" " Third " "					
" " Holds 22					
COLLISION " (in Hold)					
AFTER PEAK " "					

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth process (by statement of builders)* *could not be obtained*

Has the Steel been tested as required by the Rules? *Tested by S.L. Surryors.* ✓

EQUIPMENT No. 452		LETTER C		ANCHORS.							
Number of Certificate.	Anchor.	WEIGHT, BY STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
56322	1st Bower	608			✓			14550	450	Hall's type anchor	
56317	2nd "	596						14450	405	cast steel heads, same	
	3rd "				✓					Hillmann & Co, Leds 6-8-18 S. L. cord	
	Collective weight	1204						5550	825	"	
2721	Stream	150	✓	40 lb	✓			5410 lb	140	✓	common steel
											Reading 10-21 S. L. cord

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.	
	Feet.	Diam.	Status.	Break- ing Tons.	Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Feet.	Diam.					Length.	Cir.	Tons.	Feet.	Cir.	
5630 JT	930	8 1/2	✓	20 1/2	5 0 1/4	26 60	270	2 1/2	line	✓	Pidm 4-10-34	ROVLINE	185	70	135	64		
												HAWSEY & WARPS	180	49	165	44		
Iron Steam Cable—Steel Wire		8 1/2	✓	20 1/2					line			"						

Steering Gear, Type (Power or hand) hand in pod working order Alternative Means of Steering Copiesaw Dackel

Steering Chains (Size and Test) 16 mm ✓ Windlass hand driven in pod order Boats 2 lifeboats

Ceiling in Holds, thickness and material 30 mm pine ✓ Cargo Battens, thickness, material and spacing none fitted

Cargo Hatchways.—(Upper Deck) 2 hatchways as per plan ✓ Thickness of Hatches 90 mm ✓

Size of Hatchways No. 1 (Fwd.) 9'0" x 5'0" ✓ No. 2 8'7" x 5'0" ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams } 3 on each hatchway ✓
and/or Fore and Afters }

Builder's Signature _____

This ship has been thoroughly examined right fore and aft and 2nd species survey No 3 held; see separate report. Caulkings and riveting checked and found in accordance with approved plans and in general conformity with the Society Rules. General workmanship found satisfactory and where repairs have been carried out the rivet holes showed sufficient counter sinking. Edges of beams and bulk fair; the structural arrangement under the bottom forward and in the painting area is examined and found satisfactory. Fore and after peak bulkheads and deck bulkheads as required and all parts found sound and light. According to information received from the builders all material used in the construction of the vessel was made by the open hearth process and covered by S.L. certificate. Construction plans will be transmitted; midship section, profile deck, stern frame ^{and keelson}.

The amount of Entry Fee.....	f 420.-	} Fees applied for, 19	(Special notations, where part of class, to be stated.)
Special Survey Fee..... £	:		
Travelling Expenses, if any. <i>See Report P.</i>		} Received by me, 19	I am of opinion the Vessel should be Classed <i>100A for coasting service in the Baltic, North Channel, Highlands, Irish Channel, Irish Sea, and round coast to Russia.</i>
State whether the Vessel has been built under Special Survey			
Certificate to be sent to <i>Amersfoort Rotterdam</i>		Date of issue <i>19/7/46</i>	Signature <i>J. W. W. W.</i> Surveyor to Lloyd's Register of Shipping.

Committee's Minute /
Character assigned

FRI. 19 JUL 1946

100A1 "For Service in the Baltic, North Sea including
5.46 Rot. Shetlands, English Channel, Irish Sea & French
Coast to Lorient"
S. S. Rot - 5,46 (Dt)
LMC 5.46 Oil Eng.

White Rot. Classed 5.46

Note for S.R.L.

"Cargo bottom's not fitted"

Date of build 1914

Lloyd's Register Foundation

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.)

Plans transmitted

Midship section, profile and decks.

Hull frame and rudder.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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

1st Bower

7.0.4 4.8. 239 64.8-30.

2nd

7 3 16 4.8. 238 " "

3rd

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

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

Official No. ☒ Signal Letters *PIDN* Extreme Breadth over Belting ☒ Over-all Length *41.60m*

No. and Material of Decks *1 steel*

Parts of Bottom of Vessel coated with cement or approved composition *bottom in hold coated with 3 coats of bitumast*

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,	<i>2.50m</i>	<i>35 t</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>1.20m</i>	<i>14 t</i>
Double bottom, if under Engines only,			Deep tank, aft, <i>amidships</i>	<i>2.00m</i>	<i>47 t</i>
Double bottom, if under Boilers only,			Deep tank, forward,	<i>4.56</i>	
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

built under survey of G. L.



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