

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office DEC -4 1939

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 14TH NOVEMBER 1939Port of GRONINGENNo. 86^ASurvey held at MARTENSHOEKDate First Survey 1ST JUNE 1939Last Survey 14TH NOVEMBER 1939On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SINGLE SCREW MOTORSHIP "EMINENT" (MCHL ACT)

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

FULL SCANTLINGState Type of Erections P, R, O, B, F, E

TONNAGE under Tonnage Deck

328.40

CLASS

100 A1

State if with freeboard as condition of Class

NOBuilt at MARTENSHOEK

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

Length from fore part of stem to after part of stern }
most on summer L.W.L. See Sec. 3 (1a) }L 46.40

Breadth (greatest moulded)

B 8.40

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 3.50

Total

328.40

Gross Tonnage

499.43

Register Tonnage

328.251st Longitudinal Number (L x D).....= 103.452nd Numeral L x (B + D).....= 555.43

Framing Depth "d," at middle of length. See Sec. 3 (1d)

2.49

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.35

Do. Long Bridge to top of keel

Draught Moulded

3.458Launched 19-9-39 Yard No. 309Builders BODEWES SCHEEPSWERVENOwners W. WERKMANManagers address Societe d'Expédition et de Navigation d'Antwerpen 18, Antwerp
(Where necessary to be entered in Reg. Book.)Residence GRONINGEN AntwerpPort of Registry GRONINGEN AntwerpIf surveyed while building, afloat, or in dry dock per Antwerp 14th Nov 1939

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.		IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<u>550</u> ✓		Bracket Floors, Frame	<u>100 65 8</u> ✓	
" " from $\frac{3}{4}$ length amidships to } Collision bulkhead.....}	<u>550</u> ✓		" " Reversed Frame	<u>100 65 8</u> ✓	
" " in peaks.....	<u>550</u> ✓		" " Vertical Struts	<u>140 65 9½</u> ✓	APPR. $\frac{140 \times 65 \times 9}{100 \times 65 \times 10}$
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>410 x 8½</u> ✓	APPR. $400 \times 8½$
Frame Amidships, Angle, <u>E or F</u>	<u>100 65 4</u> ✓		" " top Angles	<u>65 65 8</u> ✓	
" " Extends up to	<u>UPPER</u> ✓		" " bottom Angles	<u>45 45 8½</u> ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness <u>ONE 150 x 75 x 9</u> ✓		
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	<u>440 x ½</u> ✓	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<u>FLAT 45 x 10</u>	$65 \times 65 \times 70$
Frames in Uppermost Continuous 'tween } Decks, Angle, <u>E</u> or <u>F</u>.....}	✓		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	<u>FLAT 45 x 10</u>	APPR.
" " Second 'tween Decks, Angle, <u>E</u> or <u>F</u>	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	<u>PANTING ON EVERY 4" M.</u>	GUSSETS ADDITIONAL.
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	<u>100 65 4</u> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<u>810 x 6½</u> ✓	APPR. $850 \times 6½$
" " in Peaks, Angle <u>E or F</u>	<u>100 65 8</u> ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>16" M - 7 DIA.</u> ✓		Breadth and thickness of Middle Line Strake ...	<u>1220 x ½</u> ✓	
State if Frame Joggled	<u>NO</u> ✓		Thickness of remainder in Holds	<u>4</u> ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>YES</u> ✓		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?	<u>SINGLE BOT. IN E.R.</u> ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>YES</u> ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships } in Wells, Angle, <u>E or F</u>	<u>65 65 4</u> ✓	
Floors, Depth and thickness at mid-line in } Holds			" " in way of Bridge, Angle, <u>E or F</u>	✓	
Height of Brackets at side above base line at toe of frame			Spacing	<u>550</u> ✓	
Middle Line Keelson, on Floors, Angles, } <u>E or F</u>			Second Deck, amidships, Angle, <u>E or F</u>		
" " Through Plate or Intercostal Plate...			Spacing.....		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, <u>E or F</u>		
" " Flat Plate Keel Angles			Spacing.....		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, <u>E or F</u>		
" " thickness of Intercostal Plate...			Spacing.....		
" " Angles			Poop Deck, Angle, <u>E or F</u>	<u>115 65 8</u> ✓	
DOUBLE BOTTOM.			Spacing.....	<u>550</u> ✓	
Solid Floors, thickness and spacing	<u>6½ - 1650</u> ✓		Bridge Deck, Angle, <u>E or F</u>		
" " Are Frame and Reversed Frame joggled?	<u>NO</u> ✓		Spacing.....		
Bracket Floors, breadth and thickness at } middle line.....}	<u>570 x 6½</u> ✓		Forecastle Deck, Angle, <u>E or F</u>	<u>115 65 8</u> ✓	
" " breadth and thickness at } margin plate.....}	<u>570 x 6½</u> ✓		Spacing	<u>550</u> ✓	

PILLARS AND DECKS.

		M/M SCHEMES IN SHIP.		Any Departure from Approved Plans to be Noted.			M/M SCHEMES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....		CANTILEVER		✓	Stringer Plate, breadth and thickness in way of Bridge		▼		
.. in 'tween Decks, Size and Spacing.....		BRACKETS			Thickness of Plating abreast Deck openings) in way of Bridge		8	✓	
" " " " "		AS			Thickness of Plating abreast Deck openings) in way of Bridge		▼		
" in Holds " "		APPROVED			Thickness of Plating within line of openings...		4	✓	
" " " " "					If Sheathed, material and thickness		▼		
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....		4 115 x 65 x 8 SP. 550. ✓		✓	Stringer Plate, breadth and thickness.....		/		
Plating, thickness of		6-6 1/2-7 ✓		✓	If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....		/		
Stringer Plate, breadth and thickness in Wells		1200 x 10 ✓		✓	If Plated, state thickness				
" " " " in way of Bridge		▼			Poop Deck.				
" Angle in Wells		90 90 10 ✓		✓	Stringer Plate, breadth and thickness		6	✓	
Thickness of Plating abreast Deck openings) in way of Wells		10			Plating, Sheathing, material and thickness ...		6 ; 2 1/2" P. PINE	✓	
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 ...		▼		
R.P.					Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....		6	✓	See similar plans
Stringer Plate, breadth and thickness		1300 x 8 ✓		✓	Plating, Sheathing, material and thickness ...		6	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <u>YES</u>	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.	
FLAT PLATE KEEL	1220	11	10	10	11 mm fitted See letter 10.5 appr.		II	19	49	III	19	65	
" DBLG. (if any)	▼												
BOTTOM PLATING, No. of Strakes 2....	1820 1530	8 1/2	8 1/2	7 1/2	See also plan		II	16	61	2 II	16	55	
BILGE PLATING, No. of Strakes 1....	1120	8 1/2	7 1/2	8			I	16	61	3 II	16	55	
SIDE PLATING, No. of Strakes 1....	1480	8 1/2	8	7 1/2			I	16	61	II	16	55	
UPPER DECK, Sheer-strake in Wells.....	1400	10	7 1/2	7 1/2			I	19	49	III	19	65	
UPPER DECK, Sheer-strake in Bridge ...	▼												
STRAKE BELOW Sheer-strake in Wells.....	▼												
STRAKE BELOW Sheer-strake in Bridge ...	▼				see plan								
POOP SIDE PLATING				6			I	16	65	II	16	55	
BRIDGE SIDE PLATING ...	▼												
FOREC'TLE SIDE PLATING				6			I	16	65	I	16	55	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		
Extending to Upper Deck (Sec. 3 c)	2	3
„ Deck next below	1	
As per Rule	3	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	▼		✓	
STEM	PLATE	12 1/2 - 11	✓	
STERN FRAME {	Propeller Post	F. 150 x 95	✓	PERKELDER MACHINE
	Rudder "	▼		
Speed of Vessel	UNDER 12 KNOTS		✓	
RUDDER—Type	QERTZ-TYPE		✓	
" A x D x 100 F.	192.3	✓		
" Diam. of head	12.5 (115/135) ←	see also plan		
" Mainpiece at top pintle	▼			PERKELDER MACHINE
" " heel ...	▼			
" how constructed	ELECTR. WELDED		✓	
" double or single plate	DOUBLE		✓	
" coupling, vertical or horizontal	HORIZONTAL		✓	201

			STIFFENERS.				
			Plating Thickness.	VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD.	Upper tween decks	▼					
"	" Second "	▼					
"	" Third "	▼					
"	" Holds	▼	9 1/2 x 6 1/2	FLAT 130 x 8	800	SEE ALSO PLAN	
					1825	STEP FR. 21/22 ✓	
COLLISION	" (in Hold)	▼	9 1/2 x 4	BR 160 x 8	600	✓	
AFTER PEAK	" "	▼	8 1/2 x 4	BR 130 x 8	600	✓	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *OPEN HEARTH PROCESS.*
GUTE HOFENUNGS HÜTTE; DORTMUND-HOERDER HUTTENVEREIN; ALLAN WOOD STEEL CO.
Has the Steel been tested as required by the Rules? *YES.*

EQUIPMENT No.										LETTER "S".		ANCHORS.			
Number of Certificate.	Anchor.	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.			
2184	1st Bower ...	10	3	6				12	14	0	0	10 1/4 ✓	HALL'S TYPE	KONINKLYKE	LEIDEN,
2183	2nd „ ...	10	3	0				12	13	0	0	10 1/4 ✓	DO.		
2185	3rd „ ...	9	0	19				11	6	0	0	8 1/4 ✓	DO.	NEDERLANDSCHE	22-9-39,
	Collective weight.	30	2	25								29 1/4 ✓			
2187	Stream	3	2	18	0	3	20	6	3	0	0	3 1/2 ✓	COMMON STOCK,	GROFMEDEY,	L.G. TEN SYTHOFF,

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.	Tons.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.						Fathoms.	Ins.		Fathoms.	Ins.
4464	165	1 1/16	20.3	30.4	102-0-18	95 1/4		165	1 1/16	✓	KON. NED. LEIDEN, 7-9-39	✓	I.G. TEN SYTHOFF	TOWLINE...	45	2 1/2	13.2	45	2 1/2
														HAWSERS & WARPS	90	2	8.3	90	2
Stream	60	2 1/2	✓	✓				60	2 1/2	✓									
Steel Wire																			

Steering Gear, Type (Power or hand) HAND WITH SCREW GEAR Alternative Means of Steering SPARE TILLER WITH BLOCKS & TACKLE.

Steering Chains (Size and Test) 2" PINE Windlass ELECTRIC Boats 2 LIFE BOATS

Ceiling in Holds, thickness and material 2" PINE Cargo Battens, thickness, material and spacing 2" PINE; 6"-7" APART.

Cargo Hatchways.—(Upper Deck) CONSTRUCTED AS PER APPRO. PLAN Thickness of Hatches 2 1/2" PINE.

Size of Hatchways No. 1 (Fwd.) 10.29 x 5.40 M No. 2 11.60 x 5.40 M No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters 6 SHIFTING BEAMS IN EACH HATCHWAY.

Builder's Signature

RODEWES' SCHIEPWERVEN

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
(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 (where required to be inserted in the Notation).

THE WORKMANSHIP WAS FOUND GOOD AND THE VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS, LONDON AND ROTTERDAM LETTERS AND IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES.

PEAK TANKS, OIL FUEL BUNKER, FRESH WATER TANK, DOUBLE BOTTOM TANKS, BULKHEADS AND DECKS TESTED AS REQUIRED AND ALL PARTS FOUND SOUND AND TIGHT.

The amount of Entry Fee £1.36 - : Fees applied for, (Special notations, where part of class, to be stated.)
Special Survey Fee.... £.600 - : 17-11-1939
Travelling Expenses, if any £. 44 - : Received by me, 2/1/1940 R.S.
I am of opinion the Vessel should be Classed 100 A1

State whether the Vessel has been built under Special Survey YES

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Surveyor General Date of Issue 13/12/39

Committee's Minute

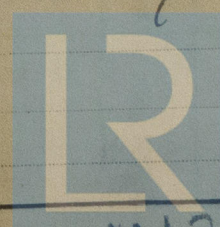
Character assigned

TUE 12 DEC 1939

+ 100 A1
Lloyd's and
O.L. W.B.

+ Limb. 11, 39
O.L. W.B.

Wife
W.B.



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Lloyd's Register

W 38700007(202)

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 APPROVED:

1. MIDSHIP SECTION, PROFILE, DECKS, BULKHEADS, SHELL EXPANSION ETC. LONDON 24-4-39.
2. STERNFRAME & RUDDER. ROTTERDAM 10-5-39.
3. MOTOR SEATING. " 19-4-39.

APPROVED COPIES OF THE ABOVE PLANS ARE KEPT IN LONDON OFFICE FOR REFERENCE.

CERTIFICATES OF FORGINGS (RUDDER & STERNFRAME) AND COPY OF INTERIM CERTIFICATE ATTACHED TO THIS REPORT.

THE REDUCED HEIGHT OF CENTRE GIRDER AND TANK SIDE BRACKETS WAS AGREED TO BY MR. WEHRMEYER. ✓

PARTICULARS OF ELECTRIC WELDING (if employed) RUDDER, WELDS OF STERNFRAME, FLATS TO MARGIN PLATE, STIFFENERS TO W.T. & O.T. BULKHEADS AND MINOR ITEMS.

OWNER'S CONSENT OBTAINED. ✓

WILLEM SMIT'S "RESISTENT" AND "SUPRA" ELECTRODES USED. ✓

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	HEAD: 348 K.G.; R.D. 30446; 4-8-39.
2nd "	" : 343 K.G.; R.D. 30445; 4-8-39.
3rd "	" : 294 K.G.; R.D.D. 30523; 14-3-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.3 ft., R.Q.D. 45.1 ft., Bridge ▽ ft., Forecastle 24.6 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 Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1708) 171.3' ✓

No. and Material of Decks ONE STEEL DECK.

Parts of Bottom of Vessel coated with cement or approved composition CEMENT THROUGHOUT. Cem.

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,	19.1	
Double bottom, under Engines and Boilers,			After peak tank,	7.2	
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, F.W. TANK IN COUNTER	2.-	
Total length (if continuous) and Capacity	95.6 ✓		(If necessary, furnish further information by sketch.)		

PARTICULARS OF WATERCAPACITIES WILL FOLLOW.

Order for Special Survey No. 23

Date 3-5-39.

Dates of Surveys held while building

1-8-20/6; 1-3-7-11-13-25/4; 8-10-29-30-31/8; 3-19/9; 3-12-16-24-25-30/10; 1-14/11.



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