

## STEEL STEAMER or MOTORSHIP.

Received at London Office APR 12 1937

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 1<sup>st</sup> of April 1937

Port of Rotterdam.

No. 25436

Survey held at Bolnes.

Date First Survey 21<sup>st</sup> of October 1936 Last Survey 23<sup>rd</sup> of March 1937

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel twin screw steam tugboat "UPESI"

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

Tug.

State Type of Erections Forecastle

TONNAGE under Tonnage Deck 167.45

CLASS +100 A.1. For towing services.

State if with freeboard as condition of Class

no.

Built at Bolnes.

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 101.71

Launched 30<sup>th</sup> of January 1937 Yard No. 862

Total

Breadth (greatest moulded) B 22.15

Builders H.C. Boel's Scheepswerven en Machinefabriek

Gross Tonnage 199.99

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 11.03

Owners Verenigde Nederlandsche Scheepvaart Maatschappij

Register Tonnage 43.81

1st Longitudinal Number (L x D) 1122

Managers

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

2nd Numeral L x (B + D) 3374

Residence 's Gravenhage.

## REGISTERED DIMENSIONS.

FEET.

Length 103.5

Framing Depth "d," at middle of length. See Sec. 3 (1d) 8'-6 3/4"

Breadth 22.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.26

Port of Registry 's Gravenhage

Depth 10.2

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Draught Moulded 11'-0 5/8"

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.
<b>FRAMES, Spacing amidships</b>	550.	✓	<b>Bracket Floors, Frame</b>	✓	
" " from 3/8 length to Collision bulkhead.....	550	✓	" " Reversed Frame	✓	
" " in peaks.....	EP 380 A.P 476	✓	" " Vertical Struts	✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	753/729 x 8	✓
<b>Frame Amidships, Angle, E or F</b>	100 65 8	✓	" " top Angles	65 65 7	✓
" " Extends up to	deck.	✓	" " bottom Angles	75 75 8	✓
<b>Reversed Frame Amidships, Angle</b>	✓		<b>Side Girders, No. each side and thickness</b>	two 6.5	also see
" " Extends up to	✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	610 x 7	plus
<b>Depth of Framing Girder</b>	✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	65 65 6.5	✓
<b>Frames in BUNKER &amp; BOILER SPACE Uppermost Continuous Deck, Angle, E or F</b>	100 65 9.5	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓	
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
<b>Framing in Peaks, Angle E or F</b>	100 65 8	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	820.	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	16 3/4 7d. 5 1/2 d.	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	not joggled	✓	<b>Breadth and thickness of Middle Line Strake</b>	690 x 7	✓
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	none.	✓	<b>Thickness of remainder in Holds</b>	✓	
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	none.	✓	<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	Yes.	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	380 x 6.5	✓	<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or F</b>	100 65 8	✓
<b>Height of Brackets at side above base line at toe of frame</b>	straight floors.	✓	" " HALF BEAMS in way of Bridge, Angle, E or F	75 65 7	✓
<b>Middle Line Keelson, on Floors, Angles, E or F</b>	90 75 9	✓	<b>Spacing</b>	550	✓
" " Through Plate or Intercoastal Plate	7.5	✓	<b>Second Deck, amidships, Angle, E or F</b>	✓	
" " Foundation Plate on Floors	✓		<b>Spacing</b>		
" " Flat Plate Keel Angles	75 75 8	✓	<b>Third Deck, amidships, Angle, E or F</b>	✓	
<b>Side Keelsons, No. each side in Bunker space</b>	one	✓	<b>Spacing</b>		
" " thickness of Intercoastal Plate	✓		<b>Fourth Deck, amidships, Angle, E or F</b>	✓	
" " Angles	130 65 8.5 and bunkerside 9 3/4	✓	<b>Spacing</b>		
<b>DOUBLE BOTTOM. in Engine Room.</b>			<b>Poop Deck, Angle, E or F</b>	✓	
<b>Solid Floors, thickness and spacing</b>	6.5 550.	✓	<b>Spacing</b>		
" " Are Frame and Reversed Frame joggled?	not joggled.	✓	<b>Bridge Deck, Angle, E or F</b>	100 50 7	✓
<b>Bracket Floors, breadth and thickness at middle line</b>	✓		<b>Spacing</b>	550	✓
" " breadth and thickness at margin plate	✓		<b>Forecastle Deck, Angle, E or F</b>	130 65 8.5	✓
			<b>Spacing</b>	760	✓

## 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.
<b>PILLARS</b> , No. of Rows.....	one		✓	Stringer Plate, breadth and thickness in way of Bridge .....			
<i>forecastle</i> in <del>two</del> Decks, Size and Spacing.....	<i>centre line bulkhead 5"m efficiently supported</i>		✓	Thickness of Plating abreast Deck openings in way of Wells .....			
"    "    "    "    "    "				Thickness of Plating abreast Deck openings in way of Bridge .....			
in Holds <i>forehold</i> .....	65 7/8 - 1100			Thickness of Plating within line of openings.....			
" <i>after-cabin</i> .....	75 7/8 under <i>side coamings of raised deck</i>			If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b> Stiffeners and Spacing.....	✓			<b>Third Deck.</b> Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of .....				If Plated, state thickness.....			
<b>STRINGERS AND DECKS.</b> <b>Uppermost Continuous Deck.</b> Stringer Plate, breadth and thickness in Wells	1700 x 7	✓		<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....	✓		
"    "    "    "    in way of Bridge	✓			If Plated, state thickness .....			
Angle in Wells .....	65 65 7			<b>Poop Deck.</b> Stringer Plate, breadth and thickness .....	✓		
Thickness of Plating abreast Deck openings in way of Wells .....	7	✓		Plating, Sheathing, material and thickness ..			
Thickness of Plating abreast Deck openings in way of Bridge .....	✓			<b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....	550 x 6	✓	
Thickness of Plating within line of openings...	6	✓		Plating, Sheathing, material and thickness ..	5 7/8 leak 50	✓	
If Sheathed, material and thickness .....	leak 63	✓		<b>Forecastle Deck.</b> Stringer Plate, breadth and thickness.....	6	✓	
<b>Second Deck.</b> Stringer Plate, breadth and thickness in Wells...	✓			Plating, Sheathing, material and thickness ..	6 7/8 leak 50	✓	

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>not joggled</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL .....	915	10.	✓ 9.	9.		single.	16 64	three	19	65	chapped.
"    DBLG. (if any)	160	10.	✓ 10.	10.							
BOTTOM PLATING, No. 1 A 1400.		7.5	✓ 6.5	6.5		single	16 64	two	16	55	lapped.
of Strakes ..... 2..... B 1350.		7.5	✓ 7.5	7.5		single	16 64	two	16	55	lapped.
BILGE PLATING, No. of 4 1000.		7.	✓ 6.5	6.5		single	16 64	two	16	55	lapped.
Strakes ..... 1.....						single	16 64	two	16	55	lapped.
SIDE PLATING, No. of D 1200.		7.5	✓ 6.5	6.5				two	16	55	lapped.
Strakes ..... 1.....											
UPPER DECK, Sheer-strake in Wells.....	E 1040	8.	✓ 7.	6.5							
UPPER DECK, Sheer-strake in Bridge ...	✓										
STRAKE BELOW Sheer-strake in Wells.....	✓										
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING .....	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING			6	✓		single	16 64	one	16	55	lapped.

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4. ✓ as per plan.
Extending to Upper Deck (Sec. 3 c)	4. ✓
"    Deck next below	✓
As per Rule	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				flat keel plate
<b>STEM</b> .....	forging	140 x 26	Geb. de Jongh Bolnes.	
<b>STERN FRAME</b> { Propeller Post .....				no stern frame
{ Rudder " .....				Kort nozzles fitted as per app. plan.
<b>Speed of Vessel</b> .....				under 10 knots
<b>RUDDER—Type</b> .....				turn rudders.
"    A x D .....		65.77	✓	stream line, balanced type
"    Diam. of head .....		100 7/8	✓	
"    Mainpiece at top pintle		114.	✓ Builders	
"    "    heel ...		114.	✓	
"    how constructed .....				as per app. plan.
"    double or single plate				double plates 8 7/8
"    coupling, vertical or horizontal .....				horizontal coupling

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b> , Upper tween decks					
N <sup>o</sup> 19 - ENG. ROOM BKHD.	8.	✓ A	✓		
"    "    Second "    "	6.5	130 x 65 x 8.5	740	✓	—
N <sup>o</sup> 36/38 - BOILER ROOM BKHD	9.7	✓ A	✓		
"    "    Third "    "	6.5	130 x 65 x 8.5	690	✓	—
"    "    Holds .....					
<b>COLLISION</b> "    (in Hold) N <sup>o</sup> 54..	8.7	✓ B A	✓		
	7.	130 x 65 x 8	610	✓	—
<b>AFTER PEAK</b> "    "    N <sup>o</sup> 6...	8.7	✓ A	✓		
	7.	130 x 65 x 8.5	610	✓	—

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens-Martin process.**Appley, Fordingham Steel Co Ltd; Colvilles Ltd; Cargo Fleet Iron Co Ltd; Dorman Long & Co Ltd; Dortmund Hoerder Huttenverein*Has the Steel been tested as required by the Rules? *Yes, by Surveyors at Steel works.*

EQUIPMENT No 3371.												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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
1702	1st Bower ...	5	2	12	✓	Stockless.		7	17	3	3	5 - 2 - 0	Hall's type	Kon Ned. Groepm.	Leiden 30.3.37 A.C. Buysse
1701	2nd „ ...	5	0	24	✓	“		7	10	2	10	5 - 0 - 0	Hall's type	Kon Ned. Groepm.	Leiden 30.3.37 A.C. Buysse
	3rd „ ...														
	Collective weight.														
1703	Stream .....	2	0	5	✓	0	2	2	4	11	0	5	Common stock	Kon Ned. Groepm.	Leiden 30.3.37 A.C. Buysse

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.	Stam.	Break.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
4015	75	15/16	15 8/10	23 7/10	35	3	24	34	75	15/16	stud	Kon Ned. Groepm.	Leiden 19.2.37 P. H. v. d. Kruel	TOWLINE...					
4052	15	15/16	15 8/10	23 7/10	7	0	23				stud	" " "	Leiden 20.3.37 A.C. Buysse	HAWSERS & WARPS	60	5 1/2	hemp	60	5 1/2
														"	60	3 1/2	hemp.	60	3 1/2
		Or.									Or.			"					
Iron Stream Chain or Steel Wire																			

Steering Gear, Steam handgear on bridge. Steering Gear, Hand spare tillers supplied and relieving tackle.

Boats 2 lifeboats. Steering Chains, Size and Test 7/8" 9-2-2-0. Windlass steel, steam patent.

Ceiling in Holds, thickness and material forehold 50<sup>m</sup> pine Cargo Battens, thickness, material and spacing 150 x 38 pine 2 30 apart

Cargo Hatchways.-(Upper Deck) steel and angle. Thickness of Hatches 57<sup>m</sup>.

Size of No. 1 Hatchway (Forward) 2200 x 2000. No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters one fore and after.

Builder's Signature N. V. Boele's Scheepswaerf en Machinefabriek

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 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 31/8; 25/9; 1/12; 1/12; 7/12-1936; F 27/2-1937 and Rotterdam letters 27/8; 24/9 and 30/11-1936 respecting this case and in general conformity with the Society's Rules. - Forging Certificate of ruddermainpiece and stem sent herewith. -

Afterpeak tank, double bottom tank under engines and forepeak tank tested under pressure with a head of water as required by the Rules and all parts found sound and tight.

All bulkheads and deck tested by hose and found tight.

Plumbboard marking verified and cut in on the vessel's sides. -

The following plans have been approved and copies of same have been retained in the London Office: Midship Section; Profile and Decks; Watertight Bulkheads; Propeller Brackets; Rudders, quadrants and details; Kort Nozzles and ship's structure in way. -

The amount of Entry Fee ..... £ 24.00 Fees applied for, 10.4.1937 (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 240.00 Received by me, 4.5.1937

Travelling Expenses, if any £ 36.00

I am of opinion the Vessel should be Classed + 100 A1 "For towing Services."

State whether the Vessel has been built under Special Survey Yes. Signature De Vries

Certificate to be sent to Rotterdam Surveyors. Date of issue 6/5/37 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI 16 APR 1937

Character assigned + 100 A1

For towing services

Lloyd's Arch.

OL.

Lt. breadth

Mike R

Am 6.3.37

(In Col 13. E made 24 fitted 37)

The Surveyors are requested not to write on or before the Committee's Minute.

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.)

Length over all - 110' 8"  
Breadth over belting - 23' 8 1/2"

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

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.  
1st Bower 4-0-13 H.R. Antwerp No 6454; 5-3-37.  
2nd " 4-0-2 H.R. Antwerp No 6455; 5-3-37.  
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 11.8 ✓ ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 Dk. ✓

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,	8.0	9.5 ✓
Double bottom, under Engines and Boilers,			After peak tank,	9.3	27.5 ✓
Double bottom, if under Engines only,	14.5	13.5	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	13.5	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 669

Date 7-9-1936

Dates of Surveys held while building

11/10; 4-11-16-18-20-30/11; 7-16-18-21-23-28-29/12-1936  
6-11-20-25-27-30/11; 2-10-16-19-24/2; 2-5-9-12-14-23/3-1937

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Foundation

Total No. of Visits 31