

91969

STEEL STEAMER or MOTORSHIP.

6 JUN 1930

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

Date of completion of report *2nd of 1930* Port of *Rotterdam* No. *19444*
Survey held at *Krimpen a/d IJssel* Date First Survey *22 of Aug 1929* Last Survey *23 of May 1930*

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

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

*Steel single screw steamer "PENDOPO"*State Type of Erections *Penn + fore-castle*TONNAGE under Tonnage Deck... *4534.49*CLASS *100 A1*State if with freeboard as condition of Class *no*Built at *Krimpen a/d IJssel*

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 385'0"*Launched *20/5-1930* Yard No. *609*Total Tonnage *particulars will follow*Breadth (greatest moulded) *B 56'0"*Builders *N.V. v/d Giessen & Zonen schuyssweven.*Gross Tonnage *will follow*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 27'0"*Owners *N.V. Nederlandsche Koloniale Petroleum Maatschappij*Register Tonnage *later*1st Longitudinal Number (L x D) *= 10395*Managers *(Where necessary to be entered in Reg. Book.)*2nd Numeral L x (B + D) *= 31955*Residence *S'Gravenhage*

REGISTERED DIMENSIONS.

FEET.

Length *385.84*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.26*Breadth *56.195*Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.26*Depth *26.97*Do. Long Bridge to top of keel *21'32"*Draught Moulded *21'32"*Port of Registry *S'Gravenhage*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.
FRAMES, Spacing amidships <i>Long framing</i>			Bracket Floors, Frame <i>✓</i>		
" " from $\frac{3}{8}$ length to Collision bulkhead <i>✓</i>			" " Reversed Frame <i>✓</i>		
" " in peaks <i>610</i>			" " Vertical Struts <i>✓</i>		
SIDE FRAMING. <i>in deep tank</i>			Centre Girder, depth and thickness amidships <i>1025 x 12.75</i>		
Frame Amidships, Angle, E or C <i>230 90 12</i>			" " top Angles <i>1880 x 15.25</i>		
" " Extends up to <i>top deep tank</i>			" " bottom Angles <i>100 100 13</i>		
Reversed Frame Amidships, Angle <i>✓</i>			Side Girders, No. each side and thickness <i>2 Eng. 1 in bilge 9.7</i>		
" " Extends up to <i>✓</i>			Margin Plate depth (excl. of flange) and thickness <i>12.2 + 14.7 straight</i>		
Depth of Framing Girder <i>✓</i>			" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, C or [<i>✓</i>			Bracket abaft $\frac{1}{2}$ len. from stem <i>✓</i>		
" " Second 'tween Decks, Angle, C or [<i>✓</i>			" " Vertical Angle to Tank side		
" " Third " " " " <i>✓</i>			Bracket forward $\frac{1}{2}$ len. from stem <i>✓</i>		
Framing in Peaks, Angle or C <i>180 90 9</i>			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem <i>✓</i>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>see table Long framing</i>			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem <i>✓</i>		
State if Frame Joggled <i>✓</i>			Tank Side Brackets, height above base line at toe of Frame and thickness <i>✓</i>		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars <i>Side stringers in Peak further as approved</i>			INNER BOTTOM PLATING. Eng. + bilge space		
TRENGTHENING OF BOTTOM FORWARD. State Particulars <i>Frames with back bars and side keelsons fitted as approved</i>			Breadth and thickness of Middle Line Strake <i>2000 x 12.25 + 14.2 + 25.4</i>		
ANGLE BOTTOM. <i>from deep tank</i>			Thickness of remainder in Holds <i>✓</i>		
Floors, Depth and thickness at mid-line in Holds <i>840 11.25</i>			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>see approved plan</i>		
Height of Brackets at side above base line at toe of frame <i>see plan deep tank</i>			BEAMS. <i>Long</i>		
Middle Line Keelson, on Floors, Angles, C or [<i>Center line bulkhead</i>			Uppermost Continuous Deck, amidships in Wells, Angle, E or C <i>200 75 10</i>		
" " Through Plate or Intercoastal Plate <i>✓</i>			" " in way of Bridge, Angle, C or [<i>✓</i>		
" " Foundation Plate on Floors <i>✓</i>			Spacing <i>610</i>		
" " Flat Plate Keel Angles <i>✓</i>			Second Deck, amidships, Angle, E or C <i>200 75 11</i>		
Side Keelsons, No. each side <i>see</i>			Spacing <i>610</i>		
" " thickness of Intercoastal Plate <i>11.25</i>			Third Deck, amidships, Angle, C or [<i>✓</i>		
" " Angles <i>200 90 11</i>			Spacing <i>✓</i>		
DOUBLE BOTTOM. Eng. + bilge space aft			Fourth Deck, amidships, Angle, C or [<i>✓</i>		
Solid Floors, thickness and spacing <i>9.7 610 + 705 mm</i>			Spacing <i>✓</i>		
" " Are Frame and Reversed Frame joggled? <i>no</i>			Poop Deck, Angle, C or [<i>Long framing</i>		
Bracket Floors, breadth and thickness at middle line <i>✓</i>			Spacing <i>✓</i>		
" " breadth and thickness at margin plate <i>✓</i>			Bridge Deck, Angle, C or [<i>✓</i>		
			Spacing <i>✓</i>		
			Forecastle Deck, Angle, C or [<i>200 90 12.2</i>		
			Spacing <i>610 + 686</i>		

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.....	<i>Transverse</i>	<i>2 rows</i>	<i>2 1/2"</i>	✓		Stringer Plate, breadth and thickness in way of Bridge	✓				
" in 'tween Decks, Size and Spacing.....	<i>Perp. sheer bulkhead</i>					Thickness of Plating abreast Deck openings in way of Wells		<i>40</i>			
" " " " " " ✓	<i>30 300x90x12 1/2</i>			✓		Thickness of Plating abreast Deck openings in way of Bridge	✓				
" in Holds <i>met. transverse</i>	<i>150x150x13</i>			✓		Thickness of Plating within line of openings...	✓				
" " <i>Deep tank</i>	<i>100x100x10</i>					If Sheathed, material and thickness	✓				
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....	<i>Longitudinals and ribs as approved.</i>					Stringer Plate, breadth and thickness.....	✓				
Plating, thickness of	<i>10.75 to 9.75</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>57 1/2</i>	<i>72</i>				If Plated, state thickness					
" " " " " in way of Bridge	✓					Poop Deck.					
" Angle in Wells	<i>6</i>	<i>6</i>	<i>72</i>			Stringer Plate, breadth and thickness	<i>1700</i>	<i>34</i>			
Thickness of Plating abreast Deck openings in way of Wells	<i>60</i>					Plating, Sheathing, material and thickness	<i>steel</i>	<i>34</i>			
Thickness of Plating abreast Deck openings in way of Bridge	✓					Bridge Deck.					
Thickness of Plating within line of openings...	<i>50</i>					Stringer Plate, breadth and thickness.....	✓				
If Sheathed, material and thickness	✓					Plating, Sheathing, material and thickness ...					
Trunk						Forecastle Deck.					
Second Deck.	<i>2nd Dr</i>					Stringer Plate, breadth and thickness.....	<i>steel</i>	<i>34</i>			
Stringer Plate, breadth and thickness in Wells...	<i>79</i>	<i>42</i>				Plating, Sheathing, material and thickness	<i>steel</i>	<i>34</i>			

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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL84	.64	.64		<i>Double</i>	1	4	<i>III</i>	1	4	<i>Double Strapped</i>	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes 4	<i>63</i> <i>64</i> <i>67</i>	.56	.46	.46		<i>Double</i>	7/8	3 1/2	<i>III/III</i>	7/8	3 1/2	<i>Lapped</i>	
BILGE PLATING, No. of Strakes 2	<i>63</i> <i>56</i>	.56	.46	.46		„	7/8	3 1/2	<i>III/III</i>	7/8	3 1/2	„	
SIDE PLATING, No. of Strakes 3	<i>63</i> <i>65</i>	.54	.44	.44		„	7/8	3 1/2	<i>III</i>	7/8	3 1/2	„	
UPPER DECK, Sheer- strake in Wells	<i>65</i> <i>51</i>	.96	.44	.44		„	1	4	<i>III/III</i>	1	4	„	
UPPER DECK, Sheer- strake in Bridge ...	✓												
STRAKE BELOW Sheer- strake in Wells	<i>51</i>	.80	.44	.44		„	1	4	<i>III/III</i>	1	4	„	
STRAKE BELOW Sheer- strake in Bridge ...	✓												
POOP SIDE PLATING38		<i>(uplans)</i>	<i>Single</i>	3/4	3	<i>II/I</i>	3/4	2 5/8	„	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING		.40				<i>Single</i>	3/4	3	<i>I</i>	3/4	2 5/8	„	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel— 14

Extending to Upper Deck (Sec. 3 c) 14

„ Deck next below ✓

As per Rule

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat	Kulplate.	
STEM		230x63	rolled material	
STERN FRAME {	Propeller Post	Cast steel	Certificate of makers sent herewith.	
{	Rudder "	special plan		
RUDDER—AxD				
Speed of Vessel	12 knots		Steel.	Steel fabricator
RUDDER mainpiece at head ...	Forged	220	Wilton	Wheel.
" " heel ...		220	Rotterdam	
" how constructed	Simplex balanced patent			
" double or single plate	rudder as per approved plan			
" coupling, vertical or	Horizontal			
" horizontal	Couplings.			

Plating Thickness.	STIFFENERS.			
	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
<i>mf</i>				
MIDSHIP BULKHD, Upper tween decks				
" " Second "				
" " Third <i>O.B.H.</i>	12.25	4 wts <i>Tokuwood</i>		
" " " "	<i>to 9.75</i>	<i>as approved.</i>		
" " Holds				
COLLISION " (in Hold)	12	<i>2 280 x 90 x 12</i> <i>2 230 x 90 x 11</i> <i>2 100 x 75 x 8 1/2</i>	± 30"	
AFTER PEAK " " "	7.5	<i>2 300 x 90 x 12</i> <i>2 150 x 75 x 10</i> <i>2 100 x 75 x 8</i>	24" + 30"	<i>flat.</i>

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Proces. Vereinigte St
Hamborn u/ Rhein.

Has the Steel been tested as required by the Rules?

Les

Siemens Martin

Lloyd's Register
Foundation

(the Plans should be embodied.)

in New Castle have been revised.

Casing top of boiler casing, Engine skylight and cross beam to be riveted.

Tonnage for fee 5209.

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

1st Bower	39 Cwt. - 2 Qrs. - 16 lbs. N: 4121 L.R. Dortmund 6/12-29 m. Berg.
2nd "	39 Cwt. - 2 Qrs. - 15 lbs. N: 4122 L.R. " " " "
3rd "	38 Cwt. - 3 Qrs. - 26 lbs. N: 4120 L.R. " " " "
Stream anchor	14 Cwt. - 1 Qr. - 11 lbs. N: 96 L.R. 30/11-29 " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 104.79 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 47.89 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)

Official No. : Signal Letters Is bottom of Vessel coated with cement in Peaks if not give particulars of composition Bitumastic in bottom tanks

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	20	112
Double bottom, under Engines and Boilers,	81	253	After peak tank,	14	44
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	45	396
Double bottom, forward,			Other tanks, if fitted, <u>Refuel bunker</u>	14	543

Total capacity of double bottom

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

Order for Special Survey No. 782

Date 3/9-1929

Dates of Surveys held while building

22/8; 24/9; 9/10; 1-5-27/11; 3-13-18/12; 1929
3-8-14-21-28-31/1; 12-19-25/2; 8-15-19-25-26/3; 1-4-17-19-
23-28-30/4; 5-7-8-12-13-16-19-20-23/5; 1930

Total No. of Visits 59

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.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.	Number.	Diameter.	
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.		Inches.	
Framing of L, L or C			S. S. "Pendopo"																	
Frames in Bridge 'tween Decks ...			No. 1																	
Frames from Uppermost Continuous Deck			L " 2																	
			L " 3																	
			L " 4																	
			L " 5																	
			L " 6																	
			L " 7																	
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			" 14																	
			" 15																	
			" 16																	
Spacing of Longitudinal Frames			Amidships			At Ends														
			2'-6"			2'-6"			2'-6"			2'-6"			2'-6"					
Double Bottoms			Tank Top Longitudinals			Bottom			Transverse			Transverse			7/8 5 1/4 3 1/2					
L or C			15 4 .40			+ 2'-6"			15 4 .40			+ 2'-6"			framing					
Spacing of Longitudinals			Amidships			At Ends...														
			30 1/2			24 1/2			30 1/2			24 1/2			7/8 4					
In Bridge 'tween Decks			Depth and Thickness			Face Angles			Lugs to Shell*											
			3 1/2 3 1/2 .46			3 1/2 3 1/2 .46			3 1/2 3 1/2 .46			3 1/2 3 1/2 .46								
In Upper 'tween Decks.			Depth and Thickness			Face Angles			Lugs to Shell*											
			3'-6			4'-6			Eng. + bulwarks			Eng. + bulwarks								
			.44			.50			.44			.50								
			6 3 1/2 .46			6 3 1/2 .50			6 3 1/2 .46			6 3 1/2 .50								
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			6 6 .46			6 6 .46			6 6 .46			6 6 .46								

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.

5c.11.26.-T.

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.

W1056-0174 3/3

of Test.

Hammacher 14 Cnt. 1 Gr. 11 lbs. N: 96 LR

PARTICULARS FOR RECORD in the REGISTER BOOK—Length of Peep 104 1/2 ft. P.O.D.

30/11-29