

STEEL ~~STEAMER~~ MOTORSHIP.

Received at London Office

JUN 2 1939

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 *25th of May 1939* Port of *Rotterdam*No. *2824/a*Survey held at *Schiedam*Date First Survey *7th of April 1938* Last Survey *22nd of May 1939*On the (State if Machinery fitted Aft and of Single, Twin or Triple Screw) *Single screw steel motorvessel "CISTULA" Machinery fitted aft*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*State Type of Erections *Port Bridge Fore Mast*TONNAGE under Tonnage Deck *7237.67*CLASS *+100 A1*State if with freeboard as condition of Class *no*Built at *Schiedam*

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 460.1*Launched *25/3 1939* Yard No. *666*

Total

Breadth (greatest moulded) *B 59.1*Builders *Wilton - Ryensdree*Gross Tonnage *8096.63*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 34.1*Owners *N.V. Petroleum Maatschappij La Corona*Register Tonnage *4710.17*1st Longitudinal Number (L x D) *= 15640*Managers *" " "*

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

2nd Numeral L x (B + D) *= 42780*Residence *S' Gravenhage*

REGISTERED DIMENSIONS.

Length *463*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.52*Port of Registry *"*Breadth *59.33*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.52*

If surveyed while building, afloat, or in dry dock

Depth *33.85*Draught Moulded *27' 4 1/2"**Building.*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	800 ✓		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	686 ✓		" " Reversed Frame	✓	
" " in peaks	610 ✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1524 13.5 ✓	
Frame Amidships, Angle <i>E</i> [	250 90 11 further as approved ✓		" " top Angles	90 90 12.5 ✓	
" " Extends up to	<i>Upper deck</i> ✓		" " bottom Angles	100 100 13.5 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<i>two</i> 15 + 10.5 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	<i>straight to top line</i> ✓	
Depth of Framing Girder	<i>All bulkheads framing</i>		" " Vertical Angle to Tank side	✓	
Frames in Uppermost Continuous Deck, Angle <i>E</i> [	230 90 11 ✓		Bracket abaft 1/2 len. from stem	✓	
" " <i>2nd 7-8-9</i> Second Deck Angle <i>E</i> [	280 90 11 ✓		" " Vertical Angle to Tank side	✓	
" " Third " " " " ✓			Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " from 1/2 len. for'd. to 15% len. from Stem	✓		Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " in Peaks, Angle <i>E</i> [	<i>A.P. 230 x 90 x 9</i> <i>F.P. 200 x 90 x 12</i> ✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 5 1/2 d and as approved</i> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
State if Frame Joggled	<i>Yes</i> ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>Yes</i> ✓		Breadth and thickness of Middle Line Strake	1800 x 17.5 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>Yes</i> ✓		Thickness of remainder in Holds	29 + 13.5 ✓	
SINGLE BOTTOM.			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?	✓	
Floors, Depth and thickness at mid-line in Holds	1016 x 11 ✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	<i>On the line Bulkhead in deep tank fore.</i> ✓		Uppermost Continuous Deck, amidships in Wells, Angle <i>E</i> or [	200 75 11.5 ✓	
Middle Line Keelson, on Floors, Angles, <i>E</i> or [	1016 10.5 ✓		" " in way of Bridge, Angle <i>E</i> or [	200 75 11.5 ✓	
<i>In Cargo Tanks</i> Through Plate or Intercostal Plate	✓		Spacing <i>forw. 686 + 610 aft. 781 + 610</i> ✓		
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, [or [✓	
" " Flat Plate Keel Angles	100 100 12 1/2 ✓		Spacing		
Side Keelsons, No. each side	✓		Third Deck, amidships, Angle, [or [✓	
" " thickness of Intercostal Plate	✓		Spacing		
" " Angles	✓		Fourth Deck, amidships, Angle, [or [✓	
DOUBLE BOTTOM. <i>in motor space.</i>			Spacing		
Solid Floors, thickness and spacing	10.5 12.5 781 ✓		Poop Deck, Angle <i>E</i> or [	200 75 11.5 ✓	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i> ✓		Spacing	781 + 610 ✓	
Bracket Floors, breadth and thickness at middle line	✓		Bridge Deck, Angle <i>E</i> or [	200 75 12 ✓	
" " breadth and thickness at margin plate	✓		Spacing	800 ✓	
			Forecastle Deck, Angle <i>E</i> or [	230 90 10 ✓	
			Spacing	686 + 610 ✓	

PILLARS AND DECKS.

	INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	<i>Two</i>	✓	Stringer Plate, breadth and thickness in way of Bridge	✓	
<i>Fire castle</i> <i>in between Decks</i> , Size and Spacing.....	<i>75% alternate plane</i>	✓	Thickness of Plating abreast Deck openings) in way of Wells		
<i>Bridge</i> " " <i>90% alternate plane</i>		✓	Thickness of Plating abreast Deck openings) in way of Bridge		
<i>in Hold Poop</i> , <i>Steel division bulkhead</i>		✓	Thickness of Plating within line of openings...		
<i>"Two largest bulkheads"</i> Centre Line Bulkhead.			If Sheathed, material and thickness		
Stiffeners and Spacing.....	<i>250 x 90 x 11 & 280 x 90 x 11-11/2 spaced 800</i>	✓	Third Deck.		
Plating, thickness of	<i>10.5 8 11</i>	✓	Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECKS.			If Plated, state thickness.....		
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	<i>2420 x 20</i>	✓	Stringer Plate, breadth and thickness.....	✓	
<i>at break</i> " " " <i>in way of Bridge</i>	<i>22.5</i>	✓	If Plated, state thickness		
Angle in Wells	<i>180 180 175</i>	✓	Poop Deck.		
Thickness of Plating abreast Deck openings) in way of Wells	<i>19</i>	✓	Stringer Plate, breadth and thickness	<i>9.5</i>	✓
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Plating, Sheathing, material and thickness ...	<i>6 1/2 pitch pine 64</i>	✓
Thickness of Plating within line of openings...	<i>14.5</i>	✓	Bridge Deck.		
If Sheathed, material and thickness	<i>not sheathed</i>	✓	Stringer Plate, breadth and thickness.....	<i>2200 x 10</i>	✓
Second Deck. fore and aft			Plating, Sheathing, material and thickness ...	<i>8.5 no sheathing</i>	✓
Stringer Plate, breadth and thickness in Wells...	<i>9 + 10</i>	✓	Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	<i>900 9.5</i>	✓
			Plating, Sheathing, material and thickness ...	<i>9 + 7 1/2 no sheathing</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>		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		Single or Double.		No. of Rows of Rivets.		Diam.	Spacing cr. to cr.
	inches mm	inches mm	inches mm	inches mm						inches.	inches.
FLAT PLATE KEEL	2200	22	19.5	19.5		Double	1 4	5 to 4	1 4	Lapped	
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes <i>three</i>	A 1810 B 2500 C 2590	17 16.5 16.5	17.5 15 14	14 13 13		Double	7/8 3 1/2	4 to 3	7/8 3 1/2	Lapped	
BILGE PLATING, No. of Strakes <i>one</i>	D 2300 E 2000	16.5 16.5	14 12.5	15 13		Double	7/8 3 1/2	4 to 3	7/8 3 1/2	Lapped	
SIDE PLATING, No. of Strakes <i>three</i>	F 2400 G 2400	16.5 16.5	12.5 12.5	12.5 12.5		Double	7/8 3 1/2	4 to 3	7/8 3 1/2	Lapped	
UPPER DECK, Sheer-strake in Wells.....	J 1300	26	12.5	12.5				5 to 3	1 1/8 4 1/2	Lapped	
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	H 2100	19	12.5	12.5		Double	1 4	4 to 3	1 4	Lapped	
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING				10.				3 to 2	3/4 2 5/8	Lapped	
BRIDGE SIDE PLATING ...		11.						2	3/4 2 5/8	Lapped	
FORECASTLE SIDE PLATING			11.			Single	3/4 3	1	3/4 2 5/8	Lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	17	✓
Extending to Upper Deck (Sec. 3 c)	16	✓
" Deck next below	1	✓
As per Rule		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar			Flat keel plate	✓
STEM			Forging 254 x 70 welded bar	✓
STERN FRAME { Propeller Post			Casting as A.G. Hahlwardt	✓
{ Rudder "			per approved plan	✓
Speed of Vessel			12 knots	✓
RUDDER—Type			Simplex Balance rudder	✓
" A x D			387	✓
" Diam. of head			Forging 280 Akodon Works	✓
" Mainpiece at top pintle			254	✓
" <i>Turning shaft</i> <i>heel</i>			Proque	✓
" how constructed			Electric welded	✓
" double or single plate			Simplex Balance	✓
" coupling, vertical or horizontal			15 inches	✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper between decks					
" " <i>Second</i> "					
" " <i>Third</i> "	12.5 13	250 x 90 x 10	762	840 x 10	
" " <i>Holds</i>	10-11	250 x 90 x 10	837	813 x 10	
COLLISION " (in Hold)	12.10-9	250 x 90 x 10	610	813 x 10	
AFTER PEAK " "	11-8	250 x 90 x 10	610	813 x 10	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)										
	Has the Steel been tested as required by the Rules?										

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin Process.*
Darmstadt Hoesen Verein; August Thyssen Hütte;
Société Anonyme d'Acier de Marcinelle;
 Has the Steel been tested as required by the Rules? *Yes by surveyors at Hullworks.*

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				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.		Diam.	Speng.		Number.	Diameter.
Framing of L, L or C													
Frames in Bridge 'tween Decks ...													
Frames from Uppermost Continuous Deck No. 1													
" 2													
" 3													
" 4													
" 5													
" 6													
" 7													
" 8													
" 9													
" 10													
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames													
Amidships													
At Ends													
Double Bottoms													
Tank Top Longitudinals													
Bottom													
Spacing of Longitudinals													
Amidships													
At Ends													
Transverses.													
Side (in 'tween Decks)													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Side (in Hold)													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Bottom													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
" " Back Bars													
Brackets													
Spacing of Transverse Frames													
* State if joggled or liners.													
Longitudinal Beams of													
X, L & X													
Centre Bridge Deck													
Upper													
Second													
Third													

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 the respective places provided for on the Report Forms.

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.

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 { Secretary's letters M 17/12; 20/12, 1937. 1/1; 18/1; 19/4; 14/10; 2/10; 1938
Rotterdam letters M 15/12; 18/12, 1937. 15/1; 6/4; 1938.

O.T. Transverse bulkheads 54-122

O.T.

"

"

134-146

Letter 1/1; 1938.

Long. bulkheads forward and aft.
and keel and center girder.

Upper deck, stringers in cargo tanks
shell plating, forepeak, deep tank,
framing plan, cofferdams, lumber
afterpeak, breezeway and end bulkheads
Roofport and framing in engine room

Letter 18/1-1938.

Amended plan machinery section and
oil tight bulkheads 54-122

Letter 19/4-1938

Framing in poop forepeak
Oil tight hatchways

Letter 14/10; 2/10; 1938

See further for plans Sister vessel Clausina Rotterdam Rep: N° 27514.

Sister vessel Corilla Jan N° 664 Rotterdam Rep. N° 27920
" " Ceronia " N° 665 " Rep. N° 28100

PARTICULARS OF ELECTRIC WELDING (if employed) ✓

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

Longitudinal framing bottom and ^{at} keel.

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

1st Bower Head 51-3-27 N° 1376 J.Q. Dortmund 4/5-39 Tank 25-2-11 N° 1380 J.Q. 4/5-39 Dortmund
2nd " Head 51-1-15 N° 1377 J.Q. 4/5-39 Dortmund Tank 26-0-12 N° 1381 J.Q. 4/5-39 Dortmund
3rd " Head 49-1-1 N° 1378 J.Q. 4/5-39 Dortmund Tank 26-2-13 N° 1382 J.Q. 4/5-39 Dortmund

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 94 ft., R.Q.D. ✓ ft., Bridge 44.4 ft., Forecastle 48 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 P.D.K.L Extreme Breadth over Belting ✓ Over-all Length 483.3 feet ✓
No. and Material of Decks One steel deck; 2" deck steel clear of Cargo tanks. ✓
Parts of Bottom of Vessel coated with cement or approved composition Cement in peaks only.

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,	64 ✓	156 ✓	Fore peak tank,	22	135 ✓
Double bottom, under Engines and Boilers,			After peak tank,	16	83 ✓
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.8	262 ✓
Double bottom, forward,			Other tanks, if fitted, <u>Fuel bunker</u>		393 ✓
Total length (if continuous) and Capacity		156 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 928

Date 19/1-1938

Dates of Surveys
held while building

7/4; 8/8; 20/10; 1-2-8-15-18-22-24/11; 6-13-27/12; 1938
2-6-9-12-13-16-25-27/1; 1-2-7-15-17-21-22-23-24-25-27-28/2;
2-3-4-7-8-9-10-11-13-14-15-16-17-18-20-21-22-24-25/3;
7-11-26/4; 5-8-9-17-20-22/5; 1939

Lloyd's Register
Foundation
Total No. of Visits 61

For S.S.O.F. see Rot 27920, "Corilla"