

STEEL STEAMER or MOTORSHIP.

Received at London Office

25 FEB 1935 a

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 *13th of February 1935* Port of *Rotterdam* No.Survey held at *Rotterdam* Date First Survey *7th of February 1934* Last Survey *11th of February 1935*On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* *Steel single screw motor tanker "SUNETTA"* Machinery fitted aft *Poop*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full Scantling* State Type of Erections *Bridge* *Forecastle*TONNAGE under Tonnage Deck... *7237.94* CLASS *100 A1* State if with freeboard as condition of Class *no* Built at *Rotterdam*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 460* Launched *6th of November 1934* Yard No. *186*Total Breadth (greatest moulded) *B 59* Builders *Rotterdamse Droogdok Maats^{ch}*Gross Tonnage *7986.56* 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* Owners *Petroleum Maatschappij "De Cowna"*Register Tonnage *4764.27* 1st Longitudinal Number (L x D) *= 15640* Managers *(Where necessary to be entered in Reg. Book.)*REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.52* Residence *'s Gravenhage*Length *463* Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.52* Port of Registry *'s Gravenhage*Breadth *59.3* Do. Long Bridge to top of keel *27'-3 1/2"* If surveyed while building, afloat, or in dry dockDepth *33.8* Draught Moulded *27'-3 1/2"* 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	781	✓	Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead	686	✓	" " Reversed Frame		
" " in peaks	610	✓	" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	1524 x 13.5	✓
Frame Amidships, Angle, E or [	250 90 10.5	further as approved.	" " top Angles	90 90 12.5	✓
" " Extends up to	Upperdeck		" " bottom Angles	100 100 13.5	✓
" " For longitudinal framing see separate slip.		✓	Side Girders, No. each side and thickness	two 15 x 10.5	✓
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	straight to shipside 13.5	✓
" " Extends up to			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		✓
Depth of Framing Girder	All bulbangle framing	✓	" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or [	250 90 11	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		✓
" " in nos 6 & 7 tanks	280 90 10.5	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		✓
" " Second 'tween Decks, Angle, E or [	280 90 11	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		✓
" " below deck plate flat	230 90 9	✓	INNER BOTTOM PLATING.		
" " Third	200 90 12	✓	Breadth and thickness of Middle Line Strake	1800 x 17.5	✓
Framing in Peaks, Angle or [	A.P. E.P.		Thickness of remainder in Holds	29 & 13.5 further as per plan approved	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{7}{8}$ - 5 1/2 d.	further as approved.	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?		✓
State if Frame Joggled	Yes		BEAMS.		
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	Webframes and stringers as approved.		Uppermost Continuous Deck, amidships in Wells, Angle, E or [	200 75 11.5	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Backbars on longitudinal extra transverse and double shell angles to transverse floors in no 7 cargo tank double riveted frames all as approved.		" " in way of Bridge, Angle, E or [	200 75 11.5	✓
ANGLE BOTTOM.			Spacing	forward 686 & 610 aft 781 & 610	✓
Floors, Depth and thickness at mid-line in Holds	1016 x 11	✓	Second Deck, amidships, Angle, [or [✓
Height of Brackets at side above base line at toe of frame			Spacing		
Middle Line Keelson, on Floors, Angles, [or [	1016 x 10.5	✓	Third Deck, amidships, Angle, [or [✓
" " Through Plate or Intercostal Plate			Spacing		
" " in cargo tanks			Fourth Deck, amidships, Angle, [or [✓
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles	100 100 12.5	✓	Poop Deck, Angle, E or [	200 75 11.5	✓
Side Keelsons, No. each side			Spacing	781 & 610	✓
" " thickness of Intercostal Plate			Bridge Deck, Angle, E or [	200 75 12	✓
" " Angles			Spacing	781	✓
DOUBLE BOTTOM. in Motorspace.			Forecastle Deck, Angle, E or [	230 90 10	✓
Solid Floors, thickness and spacing	10.5 & 12.5 - 781		Spacing	686 & 610	✓
" " Are Frame and Reversed Frame joggled?	Yes				
Bracket Floors, breadth and thickness at middle line					
" " breadth and thickness at margin plate					

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.	Number of Certificate.
PILLARS, No. of Rows.....	two.			Stringer Plate, breadth and thickness in way of Bridge			1629
<i>Forecastle</i>				Thickness of Plating abreast Deck openings in way of Wells			1630
<i>in Forecastle</i>	75 m as per plan			Thickness of Plating abreast Deck openings in way of Bridge			1631
<i>Bridge</i>	90 m as per plan			Thickness of Plating within line of openings...			1632
<i>in Poop</i>	steel divisional bulkheads			If Sheathed, material and thickness			Number of Certificate.
<i>Forehold, one pillar</i>	130 130 11.5			Third Deck.			1322
2 LONGITUDINAL Centre Line Bulkheads				Stringer Plate, breadth and thickness.....			
Stiffeners and Spacing.....	250 90 10.5 & 280 x 90 x 11 spaced 781.			If Plated, state thickness.....			
Plating, thickness of	11. & 11.5			Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	2420 x 19.5			Poop Deck.			
" " " " in way of Bridge	22.5			Stringer Plate, breadth and thickness		9.5	
" " " " Angle in Wells	180 180 17.5			Plating, Sheathing, material and thickness ...		6.5 pitch pine 6.4 m/m	
Thickness of Plating abreast Deck openings in way of Wells	19.			Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge	14.5			Stringer Plate, breadth and thickness.....		2280 x 10	
Thickness of Plating within line of openings...	not sheathed			Plating, Sheathing, material and thickness ...		no sheathing 8.5	
If Sheathed, material and thickness	9 & 10			Forecastle Deck.			
Second Deck. forward & aft				Stringer Plate, breadth and thickness.....		900 x 9.5	
Stringer Plate, breadth and thickness in Wells...				Plating, Sheathing, material and thickness ...		9 & 7.5 pitch pine 6.4 m/m	

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				
	AMIDSHIPS.		FORWARD.	AFT.					
	Breadth.	Thickness.	Thickness.	Thickness.					
FLAT PLATE KEEL	2200	22.	19.5	19.5		double	1" 4"	5 to 4	1 4 Lapped
" <i>Del. (if any)</i>	1810	17.	13.5	14.					
" <i>B</i>	1600	16.	13.5	13.		double	7/8 3 1/2"	4 to 3	7/8 3 1/2 Lapped
BOTTOM PLATING, No. of Strakes <i>three</i> ...	1590	16.	14.	13.		double	7/8 3 1/2"	4 to 3	7/8 3 1/2 Lapped
BILGE PLATING, No. of Strakes <i>two</i> ...	1300	16.	14.	15.		double	7/8 3 1/2"	4 to 3	7/8 3 1/2 Lapped
" <i>E</i>	2000	16.	12.5	13.		double	7/8 3 1/2"	4 to 3	7/8 3 1/2 Lapped
SIDE PLATING, No. of Strakes <i>three</i> ...	1400	16.	12.5	13.				5 to 3	1 1/8 4 1/2 Lapped
" <i>G</i>	1400	16.	12.5	13.5					
UPPER DECK, Sheer-strake in Wells.....	1250	26.	12.5	13.5					
UPPER DECK, Sheer-strake in Bridge ...									
STRAKE BELOW Sheer-strake in Wells.....	1100	19.	12.5	13.5		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—	15.
Extending to Upper Deck (Sec. 3 c)	14.
" Deck next below	1.
As per Rule	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper two decks					
" " Second	11.5	2 1/2 x 90 x 10	840 x 10 m		
" " Third	10.5	2 1/2 x 90 x 10	813 x 10 m		
" " Holds	10.	2 1/2 x 90 x 10	813 x 10 m		
COLLISION (in Hold)	11.5	2 1/2 x 90 x 10	840 x 10 m		
AFTER PEAK	11.5	2 1/2 x 90 x 10	840 x 10 m		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure approved to be noted.
KEEL, Bar		Flat plate keel.		
STEM	forging	254 x 70	rolled bar.	
STERN FRAME				
Propeller Post	Casting	as per approved plan.	Rubinstahl A.G. Dusseldorf.	
Rudder	"	"	"	
RUDDER—A x D		776		
Speed of Vessel		12 knots		
RUDDER mainpiece at head	forging	350 m	Milton's Engineers	
" " heel	"	265 m	x Slipway Co.	
" how constructed		single plate, arms shrunk on a keyed.		
" double or single plate		30 m	shear line plates between arms.	
" coupling, vertical or horizontal		horizontal coupling		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Siemens Martin process
 Lanarkshire Steel Co.; Colville's Ltd.; S.A. de la Fabrique de fer de Charleroi; R.A. d'Arguie; Maritay; Dortmund-Hoerder Huttenverein; Vereinigte Stahlwerke; August Thyssen Hütte.
 Has the Steel been tested as required by the Rules? Yes, by Surveyors at Steel Works.

Committee's Minute

Character assigned

+ 100A1

Carry? Pet. in Buck.

Lloyd's A & C.P. + LMC 2.35 D.B. - 180 lb.

Mchy. aft. Oil Engines

Wick affs

ML

00492

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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.)

Secretary's Letters M 2-23-27-28/11; 2-12-18-19-20-21-22-27-28-29/12-1933
2-3-4-8-11-12-15-19-20-24-30/1; 3-5-7-8-12-17-21-22/2;
1-2-12-13-15-23-27-28/3; 3-5-11-13-16/4; 22/6-1934.

Plans approved for this vessel.

Date of Approval.	Description of plans.
19-12-33	Midship Section.
19-12-33	Profile and Decks.
19-12-33	Riveting list.
21-12-33	Scantlings in forward tanks.
22-12-33	Webframe in tanks.
28-12-33	Pumproom.
4-1-34	Lengths of Frames.
12-2-34	
11-1-34	Forward end.
11-1-34	Arrangement in way Machinery space.
20-1-34	Oil fuel bunker.
24-1-34	Forward cofferdam.
3-2-34	Afterpeak.
5-2-34	Alternative Arrangement bottom longitudinal.
7-2-34	Fuel Bunker.
7-2-34	Oil tight Bulkhead 41
7-2-34	Double bottom and Tanktop in Motorroom.
16-4-34	
7-2-34	Detail Motor Seating.
7-2-34	Second deck in forebody.
8-2-34	Cruiser Stern.
8-2-34	Frames in Motorroom. (2 plans.)
9-2-34	Forepeak.
22-2-34	Shell Expansion.
1-3-34	Keel plate and Centre keelson.
1-3-34	Stringers in Tanks.
2-3-34	Deep tank and Forehold.
15-3-34	Forecastle deck & end bulkhead.
15-3-34	Upper deck plating.
23-3-34	Construction of Erections.
28-3-34	Machinery Casings.
5-4-34	Stemframe and Rudder.

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

1st Bower 2453 kg. H.R. No 4771 Antwerp 29-8-30.
2nd „ 2418 kg. A.B. No 2470 Antwerp 26-12-29.
3rd „ 2307 kg. MAB. No 4759 Antwerp 30-7-30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.75 ft., R.Q.D. ft., Bridge 47. ft., Forecastle 48. (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) One Dk. (stl). 2nd Dk. (stl) clear of cargo.

Mechy Aft.

Official No. ; Signal Letters P.H.U.W.

Is bottom of Vessel coated with cement Yes, in peaks if not in cargo tanks.

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,	22.0	
Double bottom, under Engines and Boilers,			After peak tank,	16.0	
Double bottom, if under Engines only,	64.0	157.0	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.75	2.1
Double bottom, forward,			Other tanks, if fitted, Fuel Bunker	6.5	2.0
		Total capacity of double bottom 157.0	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 819.

Date 8-1-1934.

Dates of Surveys held while building

7-13/2; 14-19-20/3; 4-5-6-7-9-10-11-13-18-19-20-23-24-25-26-27-30/4; 1-4-5-9-11-14-16-17-25-28-1-5-7-11-13-15-18-19-22-27-30/6; 3-4-6-10-16-17-23-30-31/4; 3-8-9-10-12-14-20-21-22-24/8;
1-4-6-7-8-11-12-13-15-17-18-19-20-21-22-24-25-27-28-29/9; 1-2-3-5-6-9-11-13-15-16-17-19-20-22-23-26-27-29-30-31/10; 1-2-3-5-6-7-8-14-21-22-26-29/11; 4-7-11-14-17-19-20-21-22-24-27-28-29-31/12-1934
3-4-5-7-9-10-12-15-17-18-19-21-22-24-26-29-30/1; 1-2-4-6-7-8-9-11/2-1935

Total No. of Visits

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. Inches.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam. Ins.	Speng. Ins.	Number.		Diameter. Inches.	
of L, C or C	Steel Single Screw motor Tank vessel																
on Bridge 'tween Decks ...	"SUNETTA"																
from Uppermost Continuous No. 1																	
" 2																	
" 3																	
" 4	Upper stringer in Wingtanks.																
" 5	to shell			660 x 10.5			to long bulkheads			660 x 10							
" 6	face bar			90 90 11			face bar			90 90 10.5							
" 7																	
" 8	Second stringer in Wingtanks.																
" 9	to shell			762 x 11			to long bulkheads			762 x 10.5							
" 10	face bar			90 90 11			face bar			90 90 10.5							
" 11																	
" 12																	
" 13																	
" 14																	
" 15																	
" 16																	
Amidships	For ordinary side framing see first entry report.																
At Ends																	
Tank Top Longitudinals																	
Bottom	17 x 48 x 4 x .68						17 x 48 x 4 x .68						7/8 5 1/4 3 1/16 for eleven rivets				
Longitudinals	Centre Amidships 33"						33"						each side of bulkheads				
	Wings At Ends... 30"						30"						and transverse.				
Transverses.																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*	Centre			Wings			Centre			Wings							
Depth and Thickness	1016 x 11			940 x 11			1016 x 11			940 x 11							
Face Angles	D. 150 100 13.5			S 150 100 13			D. 150 100 13.5			S 150 100 13							
Lugs to Shell*	150 150 11.5			150 150 11			150 150 11.5			150 150 11			7/8 3 15/16 4 3/8 3 1/2				
Joggled	as indicated on plan.																
Back Bars	90 90 11						90 90 11										
as per plan																	
Brackets																	
Transverse Frames	31 x 4			31 x 4			31 x 4			31 x 4							
if joggled or liners.																	
Bridge Deck																	
Upper Centre	8 3 1/2 .46			Transverse			8 3 1/2 .46			Transverse			33				
Second wings	8 3 1/2 .44			framing			8 3 1/2 .44			framing			30				
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 their 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.

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