

STEEL STEAMER or MOTORSHIP.

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 *yes*Date of completion of report *4th March 1927*Port of *Amsterdam*No. *10529^a*Survey held at *Amsterdam*Date First Survey *30th December 1924* Last Survey *4th March 1927*On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *Steel Single Screw Motorship "CLAM" (Machinery fitted aft)*

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

State Type of Erections

TONNAGE under Tonnage Deck... *6760.65*CLASS *100 A1*State if with freeboard as condition of Class *no*Built at *Amsterdam*

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) *440*

FEET.

Total *6760.65*Breadth (greatest moulded) *59*B *59*Launched *14th August 1916* Yard No. *182*Gross Tonnage *1403.95*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *32.15*D *32.15*Builders *Nederlandse Scheepsbouw Maatschappij*Register Tonnage *4182.82*1st Longitudinal Number (L x D) *14410*Owners *Anglo Gascon Petroleum Co. Ltd.*

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length *440.4*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.43*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.43*

Do. Long Bridge to top of keel

Breadth *59.5*Draught Moulded *25' 4 1/2"*Residence *London*Port of Registry *London*

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>27 1/2</i>		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	<i>27</i>		" " Reversed Frame		
" " in peaks	<i>24</i>		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships	<i>51 1/2 .50</i>	
Frame Amidships, Angle, <i>E</i> or <i>F</i>	<i>8 1/2 3 1/2 .40</i>		" " top Angles <i>DOUBLE</i>	<i>3 1/2 3 1/2 .54</i>	
" " Extends up to	<i>Deck.</i>		" " bottom Angles <i>DOUBLE</i>	<i>6 6 .50</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>3 50/100</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>Flat</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>Double</i>	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>Bottom</i>	
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>to</i>	
Framing in Peaks, Angle or <i>E</i> or <i>F</i>	<i>8 3 1/2 .46</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>sides.</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8" sp. 5 1/4"</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Amidships.</i>		Breadth and thickness of Middle Line Strake	<i>Thickness of</i>	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Web frames in connection with stringers in accordance with the app. plans.</i>		Thickness of remainder in Holds	<i>plating .52</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Increased plating, heavy single frames etc. in accordance with the app. plans.</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>Under Engines 1."</i>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>55 .48</i>		Uppermost Continuous Deck, <i>FORWARD</i> amidships in Walls, Angle, <i>E</i> or <i>F</i>	<i>8 3 .42</i>	
Height of Brackets at side above base line at toe of frame	<i>✓</i>		" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>3 1/2 3 1/2 .44</i>		Spacing	<i>24</i>	
" " Through Plate or Intercoastal Plate	<i>55 .46</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>9 1/2 3 1/2 .40</i>	
" " Foundation Plate on Floors <i>KEELSON</i>	<i>12 .60</i>		Spacing	<i>27 1/2</i>	
" " Flat Plate Keel Angles	<i>4 4 .50</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Keelsons, No. each side <i>IN DEERTANK</i>	<i>2</i>		Spacing		
" thickness of Intercoastal Plate	<i>.44</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" Angles <i>TOP BOTTOM RIDER PL.</i>	<i>6 6 .44</i>		Spacing		
DOUBLE BOTTOM. UNDER ENGINES.			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>Longitudinal</i>	
Mid Floors, thickness and spacing	<i>.48/1.38; 27 1/2" apart.</i>		Spacing	<i>Beams.</i>	
" Are Frame and Reversed Frame joggled?	<i>yes.</i>		Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>6 1/2 3 .40</i>	
Bracket Floors, breadth and thickness at middle line			Spacing	<i>27 1/2</i>	
" breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>Longitudinal</i>	
			Spacing	<i>Beams.</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.....	One		Stringer Plate, breadth and thickness in way of Bridge		
Forecastle as approved.....	3 3/4		Thickness of Plating abreast Deck openings in way of Wells		
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Bridge		
" " " " "			Thickness of Plating within line of openings.....	36-39	
" in Holds " "	10 8 40/100	on every transverse	If Sheathed, material and thickness		
" " " " "			Third Deck.		
Centre Line Bulkhead	8 3 38	2 1/2" apart.	Stringer Plate, breadth and thickness.....		
Stiffeners and Spacing.....			If Plated, state thickness.....		
Plating, thickness of	42 and further as approved.		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck.			If Plated, state thickness		
Stringer Plate, breadth and thickness in Wells	68.70		Poop Deck.		
" " " " in way of Bridge	68.70		Stringer Plate, breadth and thickness	37.40	
" Angle in Wells	6 6 50		Plating, Sheathing, material and thickness ...	40	
Thickness of Plating abreast Deck openings in way of Wells	50		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	50		Stringer Plate, breadth and thickness.....	41.42	
Thickness of Plating within line of openings.....	52		Plating, Sheathing, material and thickness ...	26; 3" P.P.	
If Sheathed, material and thickness			Forecastle Deck.		
Second Deck. (aft.)			Stringer Plate, breadth and thickness	37.36	
Stringer Plate, breadth and thickness in Wells.....	37.40		Plating, Sheathing, material and thickness ...	18; 3" P.P.	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	49	1.04	.76	.76		Double	1	3 1/2	5	1 1/8	4 1/2	Lapped	
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of Strakes4.....)	68/81	.68	.50	.50		„	1	3 1/2	4	1	4	„	
BILGE PLATING, No. of Strakes1.....)	49	.68	.50	.50		„	1	3 1/2	4	1	4	„	
SIDE PLATING, No. of Strakes3.....)	84/89	.64	.46	.46		„	7/8	3	4	7/8	3 1/2	„	
UPPER DECK, Sheer- strake in Wells.....)	58	1.12	.48	.48		„	1 1/8	3 7/8	5	1 1/8	4 1/2	„	
UPPER DECK, Sheer- strake in Bridge ...)	„	„				„							
STRAKE BELOW Sheer- strake in Wells.....)	63	.85	.48	.48		„	1	3 1/2	4	1	4	„	
STRAKE BELOW Sheer- strake in Bridge ...)	„	„											
POOF SIDE PLATING40		Single	3/4	3	2	3/4	2 5/8	„	
BRIDGE SIDE PLATING50				Double	7/8	3 1/2	2	7/8	3 1/8	„	
FOREC'TLE SIDE PLATING			.42			Single	3/4	3	2	3/4	2 5/8	„	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 14

„ Deck next below..... 1

As per Rule..... 15

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
STERN FRAME {				
Propeller Post				
Rudder "				
RUDDER—A×D				
Speed of Vessel				
RUDDER mainpiece at head				
" " heel				
" how constructed				
" double or single plate				
" coupling, vertical or				
" horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Dorman Long & Co Ldys; David Colville & Sons Ltd; The South Durham Steel & Iron Co. Ldys.*

Has the Steel been tested as required by the Rules? *yes.*

EQUIPMENT No.										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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
29677	1st Bower ...	80	-	-	-	-	-	58	10	0	0	72 ⁵	Byes's Improved	✓	Lundarland 24/12/26
29676	2nd „ ...	69	1	-	-	-	-	53	7	2	0	72 ⁵	„	✓	„ 23/12/26
29678	3rd „ ...	65	2	0	-	-	-	51	5	0	0	62	„	✓	„ 24/12/26
	Collective weight.	214	3	0								207			J.H. Butler.
10358	Stream	20	3	0	5	1	14	21	8	0	0	20 ⁵	Rodgers's	J. Taylor & Co. Ltd	Cardiff 1/12/25. A. Jones

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
29617	300	2½	112½	15½	953-2-21	940	300	2¾	Lead.	J. Taylor & Co.	Cardiff 15-3-26	TOWLINE	130	5½	445	130	5½
												HAWSERS & WARPS	100	8	hemp	100	8
Iron Stream Chain or Steel Wire	120	5	62.4	1			120	5				"	100	8		100	8
												"	100	8		100	8
												"	100	8		100	8

Steering Gear, *Electric* *J. Hardie & Co. Ltd.* Steering Gear, Hand *Yes.*

Boats *4 life boats* Steering Chains, Size and Test *✓* Windlass *Iron Steam Patent*

Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways.-(Upper Deck) *2 Coamings 10' x 3 1/2' x 50"* Thickness of Hatches *Steel covers .50*

Size of No. 1 Hatchway (Forward) *6'0" x 4'0" for all hatchways.* No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *✓*

NEDERLANDSCHE SCHEEPSBOUW-MATROONAPPIJ

Builder's Signature

GENERAL DECLARATION *The workmanship was found good and the vessel has been built in accordance with the approved plans, Secretary's letters and in general conformity with the Society's Rules.*

All cargo tanks, peak tanks, double bottom tanks, deep tank, bunkers and cofferdams have been tested as required and all parts found sound & tight.

Freeboard marking verified and found good.

Copies of the approved plans are being retained in London Office for reference.

M/S "Phobos" sister vessel (Oms. Report 10461)

The amount of Entry Fee *£120.-* : Fees applied for, 19 *30*

Special Survey Fee..... *£6932.-* : Received by me, 17. 3. 19 *27*

Freeboard *156*

Travelling Expenses, if any *£54.20* :

I am of opinion the Vessel should be Classed *+100A1*

"Carrying petroleum in bulk"

"Longitudinal plating at bottom of oil tanks"

State whether the Vessel has been built under Special Survey *yes.* Signature *R. Loevenburg* *C. Hodder.*

Surveyor to Lloyd's Register of Shipping.

H.M. Certificate to be sent to *Surgeon Amsterdam* Date of issue *18/3/27*

Committee's Minute *FRI. 18 MAR 1927*

Character assigned *100A1 Carrying Petroleum in Bulk.*

Lloyd's Assoc.

+ L.M.C. 2:27

Oil Engines

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W1023-0014/3

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.)

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

1st Bower *Weight of head: 45-3-25; MB. 3010; 27-10-26.*
2nd „ „ „ „ *39-3-17; MB. 2858; 15-7-26.*
3rd „ „ „ „ *36-2-2; MB. 3016; 27-10-26.*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *98½* ft., R.Q.D. ☒ ft., Bridge *34* ft., Forecastle *58¼* (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *no*.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *One Steel deck.*

Official No. *149484*; Signal Letters _____ Is bottom of Vessel coated with cement *yes*, *outside of hatch* if not given 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,	<i>21</i>	<i>161</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>14</i>	<i>05</i>
Double bottom, if under Engines only,	<i>69</i>	<i>317</i>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<i>31.5</i>	<i>264</i>
Double bottom, forward,			Other tanks, if fitted <i>FW tanks in Poop</i>	<i>2 x 9</i>	<i>1 x 18</i>
Total capacity of double bottom			(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. *121*

Date *29-11-24.*

Dates of Surveys held while building

1924: 30-12; 1925: 6-14-24/1; 17-20-27/3; 6-28/4; 5-22/5; 4/6; 22-27/7; 14/8; 4/9; 6-24/10; 9-30/11; 1926: 6-14-25/1; 2-6-11-16-18-23/2; 2-5-15-25-26/3; 2-8-16-21-22/4; 4-6-11-19-26-31/5; 11-15-22-25-29/6; 3-6-8-9-13-15-21-26-31/7; 4-5-7-10-12-13-14-19/8; 6-28/9; 1-15-21-22/10; 3-19/11; 4-16-18-22-30/12
Total No. of Visits *88*

el Sp

L		Avg. or Smaller Dk.												Beams.				
ams of	L	Upper	"	9	3 1/2	48	5 1/2	3	34	9	3 1/2	48	5 1/2	3	34	30"	30 x 46	12 x 3 1/2 x .50
[or]	L	Second	"				6	3	34				6	3	34	30"	30 x 44	12 x 3 1/2 x .50
	L	Third	"														12 x 3 1/2 x .50	

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.

W1023-00