

STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

No.

Survey held at

Date First Survey

Last Survey

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)

State Type of Erections R.P.D. with Tunnels

TONNAGE under Tonnage Deck

CLASS 100A

FEET.

Do. of space or spaces between Tonnage Deck and Upper Deck

Total

Gross Tonnage

Register Tonnage

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D)

2nd Numerical L x (B + D)

Framing Depth "d," at middle of length. See Sec. 3 (1d)

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

Do. Long Bridge to top of keel

Draught Moulded

Built at

Launched 24 October 1924 Yard No. 640

Builders Philip & Son

Owners Vacuum Oil Co. Ltd.

Managers

Residence

Port of Registry Lisbon

If surveyed while building, afloat, or in dry dock

Whilst building

REGISTERED DIMENSIONS.

200.

34.0

14.1

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.
Spacing amidships	23"		Bracket Floors, Frame	✓	
" from 1/2 length to Collision bulkhead	23"		" " Reversed Frame	✓	
" in peaks	23"		" " Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	3' 0" x 40"	
Amidships, Angle, [Bulbs	5 1/2 x 3 x 32	add. 5 x 3 x 32 L	" " top Angles	3 x 3 x 38 double	
" Extends up to	up' deck		" " bottom Angles	4 1/2 x 4 1/2 x 4 single	
Side Frame Amidships, Angle	3 x 3 x 40		Side Girders, No. each side and thickness	E.S. 2 x 30 B.S. 1 x 40	
" Extends up to	across floor only		Margin Plate depth (excl. of flange) and thickness	2' 0" x 34"	
of Framing Girder	5 1/2 (width 13")		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	E.S. 3 x 3 x 30 B.S. 3 x 3 x 40	
Decks in Uppermost Continuous 'tween			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
" Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
" Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness	3' 4" x 30	
ing in Peaks, Angle or [Bulbs 5 1/2 x 3 x 38		INNER BOTTOM PLATING.		
eter and Spacing of Rivets, through Shell Plating	3/4" dia. outside oil compartment plan		Breadth and thickness of Middle Line Strake	E.S. 56" x 38 B.S. 56" x 46	
if Frame Joggled	NO		Thickness of remainder in Holds	E.S. 34 B.S. 46	
IC ARRANGEMENTS (Sec. 7), state system and particulars	Tier of beams 8 stringer 7 W.T. flat		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?	Yls.	
ETHENING OF BOTTOM FOR	78-83 - 3 x 3 x 30 angle, as back bay		BEAMS.		
RD. State Particulars	84-98 - double angle 4 x 3 x 36		Uppermost Continuous Deck, amidships	Strong beams double channel 9 x 3 1/2 x 38 x 60	
Bottom.	89-94 - 4 x 3 x 36		" " in Wells, Angle [5 1/2 x 3 x 34 Bulbs	
s, Depth and thickness at mid-line in Holds	21" x 38"		" " in way of Bridge, Angle [5 x 3 x 30	
Height of Brackets at side above base line at toe of frame	3' 6"		Spacing	23"	
le Line Keelson, on Floors, Angles	double angle 4 x 3 x 36		Second Deck, amidships, Angle, [or [✓	
" " Through Plate	38 - 34		Spacing	✓	
" " Foundation Plate on Floors	12 x 38 - 34		Third Deck, amidships, Angle, [or [✓	
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 44 - 34		Spacing	✓	
Keelsons, No. each side	2.		Fourth Deck, amidships, Angle, [or [✓	
" thickness of Intercoastal Plate	34		Spacing	✓	
" Angles	bulbs 4 x 3 x 46		R.Q.D.	4 x 3 x 40	
LE BOTTOM. UNDER E & B	23" x 3		Pool Deck, Angle, [or [6 x 3 x 40	
d Floors, thickness and spacing	43 23" x 44		Spacing	23"	
" Are Frame and Reversed Frame joggled?	NO		Bridge Deck, Angle, [or [✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" breadth and thickness at margin plate	✓		Forecastle Deck, Angle, [or [8 x 3 x 46	

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		spaced to suit	Thickness of Plating abreast Deck openings in way of Wells	✓	
" in tween Decks, Size and Spacing.....	6-3"x46" (mean)	accommodation	Thickness of Plating abreast Deck openings in way of Bridge	✓	
" under forecastle	2-3"x46"		If Sheathed, material and thickness	✓	
" in Holds	1-3 double channels 4x3 1/2 x 3 1/2 - 40 spaced 4'-8"		Third Deck.		
" " " " "	5x3x-3 angle, spaced 23" and deep web stiffeners spaced 6' x 42" upper 30 to 34 bottom there 48 to 44		Stringer Plate, breadth and thickness.....	✓	
Centre Line Bulkhead.			If Plated, state thickness.....	✓	
Stiffeners and Spacing.....			Fourth Deck.		
Plating, thickness of			Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECKS.			If Plated, state thickness	✓	
Uppermost Continuous Deck.			Poop Deck.		
Stringer Plate, breadth and thickness in Wells	45"x46-34		Stringer Plate, breadth and thickness	✓	
" " " " in way of Bridge	RQD. 42"x40-36		Plating, Sheathing, material and thickness ...	✓	
" Angle in Wells	5'x5'-40		Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Wells TRUNK	30 with 80 double y way of caissons		Stringer Plate, breadth and thickness.....	✓	
Thickness of Plating abreast Deck openings in way of Bridge RQD	30		Plating, Sheathing, material and thickness ...	✓	
If Sheathed, material and thickness	✓		Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	18" x 28"	
Stringer Plate, breadth and thickness in Wells...	✓		Plating, Sheathing, material and thickness ...	28" wood sheathing 5'x2 1/2"	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>no.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAKES LAP
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.								
FLAT PLATE KEEL	<i>40</i>	<i>62</i>	<i>50</i>	<i>50</i>		<i>D.R.</i>	<i>1/8</i>	<i>3 1/4</i>	<i>Treble</i>	<i>1/8</i>	<i>3 1/8</i>	<i>Double for 3/8 lapped</i>
„ DBLG. (if any)	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>						
BOTTOM PLATING, No. of Strakes	<i>41 1/2</i>	<i>44</i>	<i>38</i>	<i>38</i>	<i>No of strakes different from plan</i>	<i>DR</i>	<i>3/4</i>	<i>2 7/8</i>	<i>Treble</i>	<i>3/4</i>	<i>2 7/8</i>	<i>Double</i>
BILGE PLATING, No. of Strakes	<i>41 1/2</i>	<i>44</i>	<i>38</i>	<i>38</i>		<i>DR</i>	<i>3/4</i>	<i>2 7/8</i>	<i>„</i>	<i>3/4</i>	<i>2 7/8</i>	
SIDE PLATING, No. of Strakes	<i>41 1/2</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>DR</i>	<i>3/4</i>	<i>2 7/8</i>	<i>„</i>	<i>3/4</i>	<i>2 7/8</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>40</i>	<i>60</i>	<i>38</i>	<i>38</i>					<i>„</i>	<i>1/8</i>	<i>3 1/8</i>	
<i>RQD</i> LOWER DECK, Sheer-strake in Bridge ...	<i>41</i>	<i>46</i>	<i>38</i>	<i>38</i>					<i>„</i>	<i>3/4</i>	<i>2 7/8</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>41 1/2</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>DR</i>	<i>1/8</i>	<i>3 1/4</i>	<i>„</i>	<i>3/4</i>	<i>2 7/8</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>40</i>	<i>42</i>	<i>38</i>	<i>38</i>		<i>„</i>	<i>3/4</i>	<i>3</i>	<i>„</i>	<i>3/4</i>	<i>2 7/8</i>	
<i>RQD</i> POOP SIDE PLATING	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>								
BRIDGE SIDE PLATING ...	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>								
FORECASTLE SIDE PLATING			<i>28</i>			<i>SR</i>	<i>1/8</i>	<i>2 7/8</i>	<i>Double</i>	<i>1/8</i>	<i>2 1/4</i>	<i>for</i>

WATERTIGHT BULKHEADS.

STIFFENERS.					
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
Total No. of W.T. BULKHEADS in Vessel—	8				
Extending to Upper Deck (Sec. 3 c)	8				
" Deck next below	✓				
As per Book approved	8.				
MIDSHIP BULKHEAD, Tween decks...	8-3	5x3x30	22"	9x3½" x 3½"x 50 channel	54"
" " "					
" " "					
" " "					
" " "					
" " "					
" " "					
" " Holds					
" (in Hold)	38-34	5½x3x30	24"	channel 9x3½"x 50 fw	
AFTER PEAK	36-26	6½x3x38	24"	channel	Recd

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any other app.
KEEL, Bar				
STEM	Forging	6 1/2 x 17"		
STERN FRAME {	Propeller Post	" 6 1/2 x 4 1/2	Purvisen	
	Rudder "	" 6 x 4 1/2	Lincker	
RUDDER—A x D		40. 45		len ft
Speed of Vessel		9 1/2 knots		
RUDDER mainpiece at head ...	Forging	4 3/4"	do.	
" " heel ...	"	3 1/4"	do.	
" how constructed				
" double or single plate		4 1/2 thick		
" coupling, vertical or	Horizontal	6 - 1 9/16 bolts		
" horizontal				

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *Par Talbar Steel Co.*

That - Siemens open *Hearth*

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

EQUIPMENT No. 10992

LETTER *m.*

ANCHORS.

Dep't Approved by N. B.	Number of Tidegauge.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE No. 31 ✓	Description of Anchor.	Makers.	Where and when tested and Superintendent.
			Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
122	1st Bower ...	23	3	24	-	-	-	23	14	2	0	-	23 $\frac{3}{4}$	Taylor Stockless	H. Reece	LPH. CH. 1924 S.E. Paul
123	2nd „ ...	23	1	0	-	-	-	23	6	1	0	-	do.	„	- do -	- do -
124	3rd „ ...	20	1	14	-	-	-	21	1	2	4	-	do.	„	- do -	- do -
	Collective weight.	64	2	10	-	-	-	-	-	-	-	-	66 $\frac{3}{4}$			
	Stream	6	1	0	-	1	2	14	8	10	0	0	64	Iron stock anchor	„	- do -

CHAIN CABLES.

HAWSERS AND WARPS.

CHAIN CABLES.																		
Number of cable.	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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Tons.	Fathoms.	Ins.
31/.	210	1 7/16	37 1/8	55 5/8	222. 2. 4.	222 1/2	210	1 7/16	Steel line	H. Reice.	L.P.H.-CH. 1924 S.E. Paul.	TOWLINE... HAWSEERS } & WARPS } "	90 90 90	3 1/4 2 1/4 1 3/4	22 9 1/2	90 90 90	3 1/4 2 1/4 1 3/4	
Stream line or gal Wire	60	3 1/2	26				60	3 1/2	/			"						

Steering Gear, Steam *Mr. Reid. Paisley Twin Cyl 5'5"* Steering Gear, Hand *By clutch to steam gear & Believing tackle to quadrant*

Boats 2-18'-0 lifeboats Steering Chains, Size and Test $\frac{9}{16}$ chains (no test certificate vessel built under 1921-22 Rule) Windlass Steam - Emerson-Walker

Ceiling in Holds, thickness and material *Nos 1 & 4 hold, - wood 2"* Cargo Battens, thickness, material and spacing *Convenient 4" x $\frac{3}{4}$ " spaced 10"*

Cargo Hatchways.—(Upper Deck) Nos 1 & 4 Coaming 2' 6" x 44" — Thickness of Hatches Nos 1 & 4 = 2½" —

Size of No. 1 Hatchway (Forward) $4'8'' \times 10'0''$ No. 2 $4'8'' \times 6'6''$ No. 3 $5'9'' \times 6'6''$ No. 4 $4'8'' \times 4'0''$ No. 5 - No. 6 -

Number of ~~Shifting Beams~~ and/or Fore and Afters No 1 and Nos 4 PVS - one each.

Builder's Signature

G. Nowell Philip

GENERAL DECLARATION

The materials and workmanship are good.

This vessel has been built under special survey in accordance with 1921-22 Rules for vessels carrying petroleum in bulk and in accordance with the approved plans with modifications as per Secretary's letters. All tests required by the Rules have been carried out with satisfactory results and the vessel is, in my opinion, suitable for classification with record +100 A-1-1,25 Carrying Petroleum in Bulk. Fitted for oil fuel F.P. above 150°F - 1,25.

The freeboard marks have been cut in on the ships side and verified.

The amount of Entry Fee £ 5-0-0 ✓ Fees applied for, 23. 1. 1935

Special Survey Fee.... £ 162-6-0 } Received by me,

Travelling Expenses, if any £ 34-16-0) 28.1.19 25

Fees applied for,

23. 1. 1925

Received by me,

28.1.1925

State whether the Vessel has been built under Special Survey

Certificate to be sent to Plymouth Office Date of issue 27/1/25

I am of opinion the Vessel should be Classed

+ 100 fl.

Carrying
Petroleum
in Bulk

Signature _____

P. J. Rae

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

FRI. 30 JAN 1925

10001
Carrying petroleum in bulk

Lloyd 286. P.

+ Lmb 1.25
C.L.

Listed for oil fuel 1.25
 F.P. above 150°F.

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.)

This vessel is not a duplicate of any other vessel.
The following letters from Secretary refer to this case.

DATE	TO WHOM	SUBJECT
22. 11. 23	PHILIP & SON.	Stem frame & Rudder
30. 11. 23	do.	General construction of vessel
6. 12. 23	do.	Quadrant
11. 12. 23	do.	Equivalent bars for centre girder, side keelson &c
14. 12. 23	do.	Stiffening After Peak
20. 12. 23	do.	Connecting side stringer to sheerhead
4. 1. 24	do.	Amended construction of side keelsons; Strengthening of bottom forward; Bulkhead stiffeners
"	"	Strengthening sheerhead
4. 1. 24	do.	Fore peak bulkhead
11. 1. 24	do.	Bolting of quadrant
21. 1. 24	do.	Engine seating
30. 1. 24	PLYMOUTH OFFICE	
13. 2. 24		
15. 2. 24		
22. 3. 24		
23. 2. 24	do.	Masts & Derricks
6. 3. 24	do.	Pumping arrangements
18. 3. 24	PHILIP & SON	Bulkhead connections
30. 5. 24	PLYMOUTH OFFICE	Amended profile and Oil Tight Bulkhead
4. 6. 24	do.	Strengthening of bottom forward
6. 6. 24	do.	Ventilation of forehold.

The following plans are forwarded herewith:—

- Midship Section
- Profile
- General Arrangement
- Masts & derrick (5 plans).
- Bilge & General Pumping Arrangements (2 plans).
- Engine seating
- After Peak & Oil Fuel Bunker Bulkhead
- Midship Oil Tight Bulkhead
- Stem frame & Rudder
- Quadrant tiller
- Fore Peak Bulkhead

Stiffening in After Peak; Stiffening of bottom forward; Bracketing to transverse Bulkhead; Side Keelson Riveting in Tee Bars.

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

1st Bower

Forged anchors

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 80.5 ft., ^{TRUNK} Bridge 88.14 ft., Forecastle 31.33 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) ^{Machy. aft} Single deck — one tier PL

Official No.

; Signal Letters

particulars of composition Asphalt in E.R. tank, Cement in cargo holds, oil tanks bare. If bottom of Vessel has been coated Inside ☒ Yes

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	19' 2"	35
Double bottom, under Engines and Boilers,	34' 6"	61	After peak tank,	19' 2"	104
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom	61.			

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

Order for Special Survey No. 241

Date

19. 6. 24.

Dates of Surveys held while building

1924: Jan 10, 17, 23 Feb. 6, 8, 11, 18 Mar. 5, 7, 12, 24 Apr. 3, 9, 17, 23, 30 May 7, 14, 19, 22, 27, 30 June 4, 30 July 15, 22, 30 Aug. 6, 13, 25 Sept. 2, 10, 22 Oct. 4, 6, 11, 14, 15, 22, 27 Nov. 5, 12, 19, 26 Dec. 3, 12, 31
1925: Jan 2, 6, 9, 16, 17, 20, 21.



Lloyd's Register Foundation
Total No. of Visits 54.