

STEEL ~~STEAMER~~ or MOTORSHIP.

10 MAY 1927

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 *17th MAY 1927.*Port of *Southampton.*No. *12816.*Survey held at *Southampton.*Date First Survey *14th July, 1926.*Last Survey *17th May*

1927

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

TWIN SCREW OIL TANKER "EL BUARO."

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

*Full Scantling.*State Type of Erections *TRUNK*

TONNAGE under Tonnage Deck...

*89.73.*CLASS *+100A.I.*

State if with freeboard as condition of Class

No.

Built at *Southampton*

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

69.73.

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

L *116.5.*Launched *3rd MARCH 1927.* Yard No. *1062.*

Total

259.46.

Breadth (greatest moulded)

B *23.0.*Builders *Messrs. John I. Thornycroft & Co. Ld.*

Gross Tonnage

259.46

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

D *11.02.*Owners *ANGLO EQUATORIAN OIL FIELDS LTD.*

Register Tonnage

*120.57.*1st Longitudinal Number (L x D) = *1284.*Managers *Do.*

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

REGISTERED DIMENSIONS.

FEET.

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

*9.94.*Residence *145. DASHWOOD HOUSE.**LONDON E.C.2.*

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

*10.6.*Port of Registry *GUAYAQUIL.*

If surveyed while building, afloat, or in dry dock

Building & afloat

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	<i>2 1/2</i>		Bracket Floors, Frame		
„ from 1/2 length to Collision bulkhead	<i>2 1/2</i>		„ „ Reversed Frame		
„ in peaks	<i>2 1/2</i>		„ „ Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle, <i>E-F</i>	<i>5 3 31</i>	<i>5 x 3 x 30</i>	„ „ top Angles		
„ Extends up to	<i>Deck.</i>		„ „ bottom Angles		
ed Frame Amidships, Angle	<i>2 1/2 2 1/2 31</i>	<i>2 1/2 x 2 1/2 x 28</i>	Side Girders, No. each side and thickness		
„ Extends up to	<i>Across floors.</i>		Margin Plate depth (excl. of flange) and thickness		
of Framing Girder	<i>5</i>		„ „ Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
s in Uppermost Continuous 'tween Decks, Angle, [or [<i>✓</i>		„ „ Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
„ Second 'tween Decks, Angle, [or [<i>✓</i>		„ „ Gussets, spacing and scantling abaft 1/2 len. from stem		
„ Third	<i>1</i>		„ „ Gussets, spacing and scantling forward 1/2 len. from stem		
ag in Peaks, Angle <i>E-F</i>	<i>5 3 37</i>	<i>5 x 3 x 34</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
ter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 3 1/4 3 1/2</i>		INNER BOTTOM PLATING.		
f Frame Joggled	<i>No.</i>		Breadth and thickness of Middle Line Strake		
G ARRANGEMENTS (Sec. 7), state system and particulars	<i>Side stringers 12 x 28 upper 7 1/2 x 28 lower</i>		Thickness of remainder in Holds		
THENING OF BOTTOM FOR	<i>Frames doubled</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?		
RD. State Particulars			BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E-F</i>	<i>4 3 31</i>	<i>4 x 3 x 30.</i>
Depth and thickness at mid-line in Holds	<i>13 28</i>		„ „ in way of Bridge, Angle, [or [<i>✓</i>	
Height of Brackets at side above base line at toe of frame	<i>26</i>		Spacing	<i>2 1/2</i>	
Line Keelson, on Floors, Angles, <i>E-F</i>	<i>3 3 34</i>		Second Deck, amidships, Angle, [or [
„ „ Through Plate or Intercoastal Plate	<i>16 31</i>		Spacing		
„ „ Foundation Plate on Floors	<i>Double</i>		Third Deck, amidships, Angle, [or [
„ „ Flat Plate Keel Angles	<i>3 3 34</i>		Spacing		
Keelsons, No. each side	<i>One</i>		Fourth Deck, amidships, Angle, [or [
„ thickness of Intercoastal Plate	<i>28</i>		Spacing		
„ Angles	<i>4 3 30</i>		Peep Deck, Angle, <i>E-F</i>	<i>4 3 31</i>	<i>4 x 3 x 30</i>
E BOTTOM.			Spacing	<i>2 1/2</i>	
Solid Floors, thickness and spacing	<i>✓</i>		Bridge Deck, Angle, [or [
„ „ Are Frame and Reversed Frame joggled?	<i>✓</i>		Spacing		
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Forecastle Deck, Angle, <i>E-F</i>	<i>4 3 31</i>	<i>4 x 3 x 30.</i>
„ „ breadth and thickness at margin plate	<i>✓</i>		Spacing	<i>2 1/2</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.....✓	✓			
" in 'tween Decks, Size and Spacing.....	✓			
" " " " " "	✓			
" in Holds 2 ³ / ₄ " 2 UNTS 2 ³ / ₄ " at hatch. E.R. 3 ¹ / ₂ " 2 DO. 3 ¹ / ₂ " at casing				
" " " " " Angle. 5 3 .32 ✓				
Centre Line Bulkhead.				
Stiffeners and Spacing.....	2 ¹ / ₂			
Plating, thickness of	34-26			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	48 30			
" " " " " in way of Bridge				
" Angle in Wells	4 ¹ / ₂ 4 ¹ / ₂ 40 4 ¹ / ₂ x4 ¹ / ₂ x32			
Thickness of Plating abreast Deck openings } in way of Wells	28			
Thickness of Plating abreast Deck openings } in way of Bridge	✓			
Thickness of Plating within line of openings...	26			
If Sheathed, material and thickness	✓			
Second Deck.				
Stringer Plate, breadth and thickness in Wells...	✓			
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings } in way of Wells				
Thickness of Plating abreast Deck openings } in way of Bridge				
Thickness of Plating within line of openings...				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness				
Raised Quarter Poop Deck.				
Stringer Plate, breadth and thickness	36 30			
Plating, Sheathing, material and thickness ...	28 2" P.P.			
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ...				
Forecastle Deck.				
Stringer Plate, breadth and thickness.....	28			
Plating, Sheathing, material and thickness ...	Partly Sheathed P.P. 2"			

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 10

„ Deck next below 1

As per Rule 3.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks		.28 .34	5 x 8 x 32 0 A.	21	✓	✓
"	" Second "					
"	" Third "					
"	" Holds					
COLLISION (in Hold)36 .30	5 x 3 x 32 0 A.	24		
AFTER PEAK "34 .30	5 x 3 x 30.	27	Deck flat.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Forging.	6" x 1"	Thamescraft	
STERN FRAME { Propeller Post	✓			
{ Rudder	Do.	6" x 1 1/8"	Sunderland Forge Co.	
RUDDER—A x D	49 x 6			
Speed of Vessel	9 1/2 knots.			
RUDDER mainpiece at head ...	37 1/8"			
" " heel ...	3"			
" " how constructed	Forged Steel Arms.		Sunderland Forge Co.	
" " double or single plate coupling, vertical or horizontal	78" Single.			
	Horizontal.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.
Cargo Fleet Iron Co. Ltd. The Steel Company of Scotland Ltd. Lilliesteel Steel Rolling Works, Glasgow
Kloekner Werke A.G. Wuppertal, Germany. Eisenwerk Krefeld A.G. Krefeld, Germany.
 Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 4270.												LETTER d.		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.				
42509	1st Bower ...	7	1	24	-	-	-	9	13	3	0	7 1/4	Stackless Perkins type.	Not Stated.	Cradley Heath
42510	2nd „ ...	7	1	21	-	-	-	9	13	3	0	7 1/4	P.O.H. type.	Do.	28-2-27. S.C. Paul.
	3rd „ ...												Do.	Do.	Do.
	Collective weight.	14	3	17								14 5/8			
42556	Stream	2	1	8	2	10	4	17	2	0		2-25.	Old F.W.I. stock.	Not Stated.	Cradley Heath

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.
39996	75	7/8	13 1/4	20 5/8	29	1	0	64 25	165	7/8	Stud.	B. Hingley & Sons.	CRADLEY HEATH	TOWLINE...	75	2 1/4	9 3/4	75	2 1/4
39580	90	7/8	13 1/4	20 5/8	35	1	20						28-2-27. S. C. Paul.	HAWSERS & WARPS	90	4		90	4
Iron Chains Chain Steel Wire													Do. Do.						
	90	2 1/4		9 1/2					45	2 1/4									

Steering Gear, Steam ☒ Steering Gear, Hand *Dunkin & Co. Ltd. Newcastle on Tyne.*

Boats *One 16'-0"* Steering Chains, Size and Test *9" L.P.H.C.H. 26574. 3 3/4* Windlass *Electric EMERSON Walker.*

Ceiling in Holds, thickness and material *2 1/2" W.P.* Cargo Battens, thickness, material and spacing *6" x 2" W.P. 6".*

Cargo Hatchway *Fore & Aft (Upper Deck) Coaming 38 x 24".* Thickness of Hatches *2 1/2".*

Size of No. 1 Hatchway (Forward) *11'-0" x 7'-2"* No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of ~~Shifting Beams~~ Fore and Afters *One. 10 1/2" x 40" - 3 1/2" x 2 1/2" x 38 Double.*

JOHN I. THORNYCROFT & Co. LTD.
Builder's Signature *J. Donaldson.*
DIRECTOR,
MANAGER, SOUTHAMPTON

GENERAL DECLARATION *This vessel is a twin screw motor oil tanker intended for service between Guayaquil & St. Elena (Ecuador), and has been built under Special Survey in accordance with the approved plans (7 in number enclosed herewith), the Secretary's letters of various dates and in conformity with the Rules for the class contemplated, as far as they apply.*

The workmanship and materials are good.

The cargo oil tanks, cofferdams, pump room, fore and aft peaks, and service tanks have been tested as required by the Rules and found satisfactory.

The steering gear, windlass and deck pumps have been tested and found satisfactory.

The forecabin and raised quarter deck and gutterways have been hose tested and found satisfactory.

Plans (8) Midship Section, Profile and deck plan, Side stringers, Bulkheads, Rudder & stern frame, Engine Seating, Cargo Hatch and General Arrangement.

Forging Reports (3) Shaft Brackets, Stern frame, Rudder frame, Mill Shafts.

The amount of Entry Fee £ 3 : 0 : 0 Fees applied for, *18/5/1927*

Freeboard. 2 0 0

Special Survey Fee.... £ 39 : 0 : 0 Received by me, *18/5/1927*

Travelling Expenses, if any £ : : :

I am of opinion the Vessel should be Classed *+100 Ad. Carrying Petroleum in Bulk.*

State whether the Vessel has been built under Special Survey *Yes.* Signature *Andrew James Pitkin*

Certificate to be sent to *Southampton* Date of issue *22/19/1927* to *C.T. Bowry* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 20 MAY 1927*

Character assigned *+100 Ad. Carrying Petroleum in Bulk.*

Lloyd's A.V.C.P. + L.A.C. 5.24 O.G.

Oil Engines

Misc. H.A. 4/25

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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.)

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

1st Bower
2nd "
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 36.33 ft., Bridge ☒ ft., Forecastle 31.79 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) 1 DECK

Official No. 101 Signal Letters LD Is bottom of Vessel coated with cement Hold & E.R. if not give particulars of composition Boiled oil in oil 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,	<u>12.08</u>	<u>13</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>9.46</u>	<u>45</u>
Double bottom, if under Engines only,			Deep tank, aft,		<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,			Deep tank, forward,		<input checked="" type="checkbox"/>
Double bottom, forward,			Other tanks, if fitted,		<input checked="" type="checkbox"/>
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		<input checked="" type="checkbox"/>

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

Order for Special Survey No. _____

Date _____

Dates of Surveys held while building

1926. July 14, 16. August 12, 18, 19, 31. September 16, 22, 27. October 26, 28.
November 3, 15, 19, 25. December 2, 6, 10, 16, 20.
1927. January 5, 12, 18, 24, 26, 28, 29. February 1, 4, 9, 11, 18, 23. March 3, 14, 21, 28.
April 7, 13. May 5, 10, 17. —

Total No. of Visits 42.