

TURBO ELECTRIC TANKER.
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 - NOW

Date of completion of report
Survey held at Newcastle-on-Tyne Date First Survey Last Survey 19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Turbo Electric Tanker "Esso Purfleet" Machinery edft
State Type of Erections Poop, Bridge & Forecastle

TONNAGE under Tonnage Deck ... 9489

space or spaces between Tonnage Dk. Upper Dk.

tonnage 10,712
Tonnage 6,301

REGISTERED DIMENSIONS. FEET

506.5
68.2
39.2

CLASS 100A1 "Cargo" Petroleum in Bulk (Class contemplated)
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 503.0
Breadth (greatest moulded) B 68.0
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 39.25
1st Longitudinal Number (L x D) = 34204
2nd Numeral L x (B + D) = 52946
Framing Depth "d," at middle of length. See Sec. 3 (1d)
Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.8
Do. Long Bridge to top of keel
Draught Moulded 30'-1 1/2"

Built at Chester R.A.
Launched Yard No.
Builders Swan & Dry Dock Co.
Owners Anglo American Oil Co. Ltd.
Managers Esso Transportation Co. Ltd.
(Where necessary to be entered in Reg. Book)
Residence
Port of Registry London
If surveyed while building, afloat, or in dry dock afloat and in drydock

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.....			Bracket Floors, Frame.....		
" " from 1/2 length amidships to Collision bulkhead.....			" " Reversed Frame.....		
" " in peaks.....			" " Vertical Struts.....		
FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or [" " top Angles.....		
" " Extends up to.....			" " bottom Angles.....		
Reversed Frame Amidships, Angle.....			Side Girders, No. each side and thickness.....		
" " Extends up to.....			Margin Plate depth (excl. of flange) and thickness.....		
Depth of Framing Girder.....			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area.....		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
" " Third.....			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....		
" " from 1/2 len. for'd. to 15% len. from Stem.....			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or [
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....			INNER BOTTOM PLATING.		
State if Frame Joggled.....			Breadth and thickness of Middle Line Strake.....		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....			Thickness of remainder in Holds.....		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or 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?.....		
ANGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds.....			Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Height of Brackets at side above base line at toe of frame.....			" " in way of Bridge, Angle, [or [
Middle Line Keelson, on Floors, Angles, [or [" " Spacing.....		
" " Through Plate or Inter-costal Plate.....			Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors.....			" " Spacing.....		
" " Flat Plate Keel Angles.....			Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side.....			" " Spacing.....		
" " thickness of Inter-costal Plate.....			Fourth Deck, amidships, Angle, [or [
" " Angles.....			" " Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [
Solid Floors, thickness and spacing.....			" " Spacing.....		
" " Are Frame and Reversed Frame joggled?.....			Bridge Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line.....			" " Spacing.....		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, [or [
			" " Spacing.....		

[illegible]

STRAKES.		SCANTLINGS.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		RIVETING.							
		AS IN VESSEL.						EDGES.		BUTTS.					
		AMIDSHIPS.		FORWARD.				AFT.		State if jagged?		No. of Rows of Rivets.		STRAPPED OR LAPPED.	
		Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing or. to cr.	Diam.	Spacing or. to cr.	
		Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.				
Flat Plate Keel.....															
,, Dblg. (if any)															
Bottom Plating, No. of Strakes															
Bilge Plating, No. of Strakes															
Side Plating, No. of Strakes															
Upper Deck, Sheer-strake in Wells.....															
Upper Deck, Sheer-strake in Bridge ...															
Strake below Sheer-strake in Wells.....															
Strake below Sheer-strake in Bridge ...															
Poop Side Plating.....															
Bridge Side Plating.....															
Forecastle Side Plating															

Total No. of W.T. BULKHEADS in Vessel—						PERSONNEL AND CASTINGS.					
Extending to Upper Deck (Sec. 3 c)							Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted	
„ Deck next below											
As per Rule											
						STIFFENERS.					
Plating Thickness.						VERTICAL.				HORIZONTAL.	
						Scantlings.		Spacing.		Scantlings.	
MIDSHIP BULKH'D, Upper 'tween decks											
"	"	Second	"								
"	"	Third	"								
"	"	Holds									
COLLISION " (in Hold)											
AFTER PEAK "											
STEEL.						Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					
						KEEL, Bar					
						STEM					
						STERN FRAME { Propeller Post					
						{ Rudder "					
						Speed of Vessel					
						RUDDER—Type					
						" A × D.....					
						" Diam. of head					
						" Mainpiece at top pintle					
						" " heel ...					
						" how constructed					
						" double or single plate					
						" coupling, vertical or					
						" horizontal					
						Has the Steel been tested as required by the Rules ?					

[illegible]

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel yes
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ✓. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel, was originally built under the Special Supervision of the Surveyors to the American Bureau of Shipping and classed with that Society.

The scabbings and arrangements have been examined where exposed and found to be generally in accordance with the plans.

The Special Survey for Classification (commenced at Middletown January 1922 Report No. 11) has now been completed (see Report 2) and the vessel's condition and class of workmanship as now seen is considered to be good and satisfactory.

The steering gear, winchbars and belp suckers were examined under working conditions and found satisfactory.

The amount of Entry Fee..... £ : : } Fees applied for,
Special Survey Fee..... £ : : } 19
Travelling Expenses, if any £ : : } Received by me, 19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed.....

State whether the Vessel has been built under Special Survey..... No.

Certificate to be sent to..... OWNERS Date of issue..... 21/2/49

Signature..... Stephen P. Roche
Surveyor to Lloyd's Register of Shipping.

Committee's Minute..... FILE 4 FEB 1949

Character assigned..... 100171 without spl cond
Carrying Petroleum in bulk
Tested for oil fuel above 150°F
S (ch) 12.48 11.48 Nwc S.S. Nwc 11.48
Classed 11.48 LMC 12.48
Sp. 464 U 2WTR 500 U FD

Delete
also contemplated

below the Committee's Minutes.

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 the Plans should be embodied.)

PARTICULARS OF ELECTRIC WELDING (if employed)

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

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 108 ft., R.Q.D. ft., Bridge 35.8 ft., Forecastle 52.6 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 181,581 Signal Letters GTWX Extreme Breadth over Belting (Circ. 1611) Over-all Length 523.5 (Circ. 1703)

No. and Material of Decks 1st Deck Steel

Parts of Bottom of Vessel coated with cement or approved composition None

Particulars of composition (if fitted) and of approval None

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.)

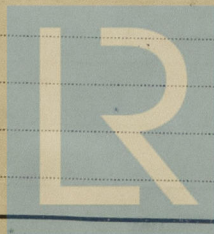
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers, AFT FR3 11-45	81.5	272.4	After peak tank,	41.375	344.23
Double bottom, if under Engines only,			Deep tank, aft,	19.25	56.12
Double bottom, if under Boilers only,			Deep tank, forward, FR3 75-89	31.5	744.75
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building AT NEWCASTLE-ON-TYNE

119481 SEPT 28, 29, 30, OCT 5, 6, 18, 20, 21, NOV 2, 4, 7



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Total No. of Visits 11