

## STEEL STEAMER OR MOTORSHIP.

1 AUG 1956

Received at London Office

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yesDate of completion of report 27<sup>th</sup> July 1956Port of HULLNo. 62347Survey held at ThorneDate First Survey 14. 9. 55 Last Survey 13. 6. 56On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motorship "ESSO LEEDS" Machinery aft.State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Full scantling - tanker. State Type of Erections Raised Quarter deck

TONNAGE under Tonnage Deck ...

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

Total

Gross Tonnage 170.46Register Tonnage 89.41CLASS Carrying Petroleum in Bulk Limited Service State if with freeboard as condition of Class noLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 123.00Breadth (greatest moulded) 17.25Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 8.00

1st Longitudinal Number (L x D) .....

2nd Numeral 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 Design 7'-1"Built at ThorneLaunched 17<sup>th</sup> February 1956 Yard No. 914Builders Richard Dunston Ltd.Owners Esso Petroleum Co. Ltd.

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

Residence

Port of Registry HullIf surveyed while building afloat, or in dry dock yes.

## REGISTERED DIMENSIONS.

FEET

123.5017.307.90

## 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. (in M. Plan)	<u>20 1/2</u>		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	<u>18</u>		" " Reversed Frame		
" " in peaks			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [ or ]	<u>7</u>		" " top Angles		
" " Extends up to			" " bottom Angles		
Reversed Frame Amidships, Angle	<u>Longitudinal</u>		Side Girders, No. each side and thickness		
" " Extends up to	<u>Framing</u>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<u>Amidships</u>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	<u>See separate sheet</u>		" " Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side		
" " Third " " "			" " Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	<u>3 x 3 x 30 1.0 A</u>		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " in Peaks, Angle or [			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>Welded direct</u>		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	<u>no</u>		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>yes</u>		Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>yes</u>		Thickness of remainder in Holds		
SINGLE BOTTOM.			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?		
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	<u>Longitudinal</u>	
Middle Line Keelson, on Floors, Angles, [ or ]			" " in way of Bridge, Angle, [ or ]	<u>Framing</u>	
" " Through Plate or Inter-costal Plate			Spacing		
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [ or ]		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, [ or ]		
" " thickness of Inter-costal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, [ or ]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			RAISED QUARTER		
" " Are Frame and Reversed Frame joggled?			Deck, Angle, [ or ]	<u>3 x 2 1/2 x 30 1.0 A.</u>	
Bracket Floors, breadth and thickness at middle line			Spacing	<u>20 1/2 (every frame)</u>	
" " breadth and thickness at margin plate			Bridge Deck, Angle, [ or ]		
			Spacing		
			Forecastle Deck, Angle, [ or ]		
			Spacing		



## 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.
<b>PILLARS, No. of Rows .....</b>					
"	in 'tween Decks, Size and Spacing .....				
"	" " " " " .....				
"	in Holds " " " " .....				
"	" " " " " .....				
Centre Line Bulkhead. Stiffeners and Spacing .....		✓ $2\frac{1}{2} \times 2\frac{1}{2} \times .28 \& .30$ spaced 20"	✓		
Plating, thickness of .....		✓ .26	✓		
<b>STRINGERS AND DECKS.</b>					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		✓ $39 \times .30$	✓		
"	" " " " in way of Bridge	-			
"	Angle in Wells .....	✓ none	✓		
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.....		✓ not sheathed	✓		
<b>Second Deck. RAISED QUARTER</b>					
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 Bridge .....		-			
Thickness of Plating within line of openings...		-			
If Sheathed, material and thickness.....		-			
<b>Third Deck. TRUNK TOP &amp; SIDES</b>					
Stringer Plate, breadth and thickness .....		-			
If Plated, state thickness .....		-			
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness.....		-			
If Plated, state thickness.....		-			
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness.....		-			
Plating, Sheathing, material and thickness ...		-			
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....		-			
Plating, Sheathing, material and thickness ...		-			
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....		-			
Plating, Sheathing, material and thickness...		-			

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.								
Flat Plate Keel.....	48	✓ 42	✓ 42	✓ 42	✓							
„ Dblg. (if any)	-	-	-	-								
Bottom Plating, No. of Strakes .....	A 48	✓ 3/8	✓ 3/8	✓ 5/16	✓							
Bilge Plating, No. of Strakes .....	-	-	-	-								
Side Plating, No. of Strakes .....	B } 114	✓ 3/8	✓ 3/8	✓ 5/16	✓							
Upper Deck, Sheer- strake in Wells.....	C }	✓ 3/8	✓ 3/8	✓ 5/16	✓							
Upper Deck, Sheer- strake in Bridge ...	-	-	-	-								
Strake below Sheer- strake in Wells.....	-	-	-	-								
Strake below Sheer- strake in Bridge ...	-	-	-	-								
R&B Deep Side Plating.....	-	-	-	✓ 3/4	✓							
Bridge Side Plating.....	-	-	-	-								
Forecastle Side Plating	-	-	-	-								

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS. (1. O. A.)			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper <sup>Trunk</sup> tween decks		✓ .30	2 1/2 x 2 1/2 x 30 1. O. A.	✓ 17 1/2	-	-
"	" Second "	-	-	-	-	-
"	" Third "	-	-	-	-	-
"	" Holds	✓ .30	2 1/2 x 2 1/2 x 30 4 x 3 x 34	✓ 17 1/2	-	-
COLLISION (in Hold) 32		✓ .30	2 1/2 x 2 1/2 x 30	✓ 17 1/2	-	-
AFTER PEAK		✓ .30	3 x 3 x 3/8	✓ 30	-	-

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....				
STEM .....		✓ 3" dia ✓		
STERN <del>Propeller</del> <del>Post</del> .....		✓ 5 x 3		
FRAME ✓ Rudder .....				
Speed of Vessel .....		under 10 knots		✓
RUDDER—Type .....		Simpler		✓
" A x D .....		16.70		✓
" Diam. of head .....		✓ 3 1/2" cd Holmes		
" Mainpiece at top pintle .....	✓	3 1/2"		✓
" " heel .....	✓	37/16		✓
" how constructed .....	✓	electric welded		✓
" double or single plate .....	✓	Double 3/8		✓
" coupling, vertical or horizontal .....	✓	horizontal		✓

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Appleby - Fordingham ✓

Has the Steel been tested as required by the Rules? yes ✓



PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.								
	In Ship.			In Ship.				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.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.				
Use of L, L or C	Ordinary angles welded toe-on															
Angles in Bridge 'tween Decks ... Angles from Uppermost Continuous Deck	No. 1	3	x	2 1/2	x	30	✓									
Kilge	2	3	x	2 1/2	x	30	✓									
	3	3	x	2 1/2	x	30	✓									
	4	4	x	3	x	32	✓									
	5	4	x	3	x	32	✓									
	6	4	x	3	x	32	✓									
	7	4	x	3	x	32	✓									
	8	4	x	3	x	32	✓									
	9	4	x	3	x	32	✓									
	10															
	11															
Bottom	12															
	13															
	14															
	15															
	16															
	Spacing of Longitudinal Frames	Amidships	17 1/2" at bottom; 20" at sides ✓													
	At Ends															
Tank Top Longitudinals																
	Bottom															
	Amidships															
	At ends...															
Transverses.	Depth and Thickness															
	Face Angles															
	Lugs to Shell*															
	Depth and Thickness							✓	12	x	5/16	✓				
	Face Angles							✓	3	x	3/8	✓				
	Lugs to Shell*							✓	none			EW direct ✓				
	Depth and Thickness							✓	12	x	5/16	✓				
	Face Angles							✓	3	x	3/8	✓				
	Lugs to Shell*							✓	none			E.W direct ✓				
	Back Bars															
Brackets		as approved ✓														
Spacing of Transverse Frames...		84" in nos 1, 2, 3 & 4 tanks ✓ 96 in no 5 tank ✓														
Longitudinal	Bridge Deck															
	Upper	✓	2 1/2	x	2 1/2	x	30	✓								
	Trunk Top	✓	2 1/2	x	2 1/2	x	30	✓								
	Trunk side	✓	2 1/2	x	2 1/2	x	30	✓								
Trunk																
Transverse Beams.																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.



ANCHORS.

## HAWSERS AND WARPS





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.)

Sister Vessels "ESSO NOTTINGHAM" (No. 915) and "ESSO SALTEND" (No. 916) are at present under construction at Thorne.

The following plans are attached:—

"Approved"

Midship Section.

Engine Seating.

General Arrangement.

Mid-Body Steelwork.

Rudder & Sternframe.

Fore End Steelwork.

Pumping & Ventilation.

After End Steelwork.

Steering Gear Leads.

Certificate for Rudder & Sternframe attached.

Engine room entrance hatch on R.Q.D. (S.S.) 2'-6" x 2'-6" and Pump room entrance hatches on Upper Deck (P. 95) 2'-0" x 1'-9", all having 18" high x 1/4" coamings and 3/16" thick steel hinged lids secured watertight by toggles. Each lid fitted with strong 12" diam. fixed light.

The approved arrangements incorporate stiffening for lying aground.

Rise of floor 2" ✓

PARTICULARS OF ELECTRIC WELDING (if employed)

✓ Electric welded throughout.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
L.A.C.P.; Elec. welded; Longitudinal framing.

RADAR Equipment (State if fitted) Not fitted

State Type or Pattern No. —

State Name of } Maker and/or Supplier —

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

1st Bower.

✓ 2 cwt. 2 qrs. 20 lbs

AEG

No. 6264

20/3/52

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 30-6 ft., TRUNK 58-0 ft., Forecastle —

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

Official No. 186709

Signal Letters

Extreme Breadth over Belting 17-50 ft ✓

(Circ. 1811)

Over-all Length 127-0 ft ✓

(Circ. 1703)

No. and Material of Decks

One, steel and R.Q.D. steel ✓

Parts of Bottom of Vessel coated with cement or approved composition

In E.R. & pump room — one coat of zinc

chromate and one coat of boot topping.

Particulars of composition (if fitted) and of approval

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

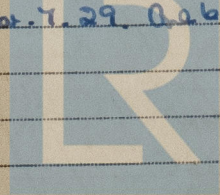
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	SW Water Capal Tons.
Double bottom, aft,			Fore peak tank,		37-6
Double bottom, under Engines and Boilers,			After peak tank,		4-3
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3786

Date 16.2.55.

Dates of Surveys held while building

1955, Sept. 14, 26, Oct. 11, 19, Nov. 3, 14, 16, 22, 28, Dec. 12, 14, 22, 1956, Jan. 12, 16, 23, 31, Feb. 14, 17, 23, 29, Mar. 7, 29, Apr. 6, Jan. 7, 12



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