

STEEL STEAMER MOTORSHIP.

Received at London Office

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

No

State if Report is sent on the Machinery of the Vessel

Yes

Date of completion of report

11th October 1956

Port of

HULL

No. 62532

Survey held at

Thorne

Date First Survey

11th

9

55

Last Survey

27

9

1956

On the

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

Single Screw Motorship "ESSO SALTEND" Machinery aft

State Type

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

Tanker

State Type of Erections

R.Q.D.

TONNAGE under Tonnage Deck ...

CLASS

Petroleum in Bulk Limited Service

State if with freeboard as condition of Class

No

Built at

Thorne

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)

FEEET

L 123.00

Launched 22nd June 1956

Yard No. 916

Total

Gross Tonnage

170.46

Register Tonnage

89.41

Breadth (greatest moulded)

B 17.25

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

D 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'-1.0"

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

Hull

If surveyed while building, afloat, or in dry dock

Yes (Unlocked 26/9/56)

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.....	- 20 1/2 in. Rm		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	-		" " Reversed Frame.....		
" " in peaks	18		" " Vertical Struts		
SIDE 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 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/2 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 [1.0.A. 3 x 3 x 30		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	welded		Breadth and thickness of Middle Line Strake...		
State if Frame Joggled.....	no		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes		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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, [or [
Height of Brackets at side above base line at toe of frame			Spacing		
Middle Line Keelson, on Floors, Angles, [or [Second Deck, amidships, Angle, [or [
" " Through Plate or Inter-costal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [or [
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side.....			Fourth Deck, amidships, Angle, [or [
" " thickness of Inter-costal Plate.....			Spacing		
" " Angles			R.Q. Deck, Angle, [or [
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, [or [
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, [or [
" " breadth and thickness at margin plate.....			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.
PILLARS, No. of Rows			Stringer Plate, breadth and thickness in way of Bridge	} .30 ✓	✓
„ in 'tween Decks, Size and Spacing			Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge.....	} -	
„ in Holds „ „ „ „			Thickness of Plating within line of openings...		
„ „ „ „ „			If Sheathed, material and thickness.....	not sheathed ✓	
Centre Line Bulkhead. Stiffeners and Spacing	2 1/2 x 2 1/4 x .28 spaced 2 1/2 x 2 1/4 x .30 } 20" ✓		Third Deck. Stringer Plate, breadth and thickness.....	-	✓
Plating, thickness of26 ✓		If Plated, state thickness30 ✓	✓
STRINGERS AND DECKS.			Fourth Deck. Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	39 x .30 ✓		If Plated, state thickness.....		
„ „ „ „ in way of Bridge	-		Poop Deck. Stringer Plate, breadth and thickness.....		
„ Angle in Wells	none ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings } in way of Wells	-		Bridge Deck. Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings } in way of Bridge.....	-		Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings...	-		Forecastle Deck. Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness.....	not sheathed ✓		Plating, Sheathing, material and thickness...		
Second Deck. raised Quarter Stringer Plate, breadth and thickness in Wells	-				

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	48	.42	.42	.42	✓								
„ Dblg. (if any)													
Bottom Plating, No. of Strakes ... <i>One</i>	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	5/16	✓								
Upper Deck, Sheer-strake in Bridge ...	-	-	-	-									
Strake below Sheer-strake in Wells	-	-	-	-									
Strake below Sheer-strake in Bridge ...	-	-	-	-									
RAO Poop Side Plating.....	-	-	-	.34	✓								
Bridge Side Plating.....	-	-	-	-									
Forecastle Side Plating	-	-	-	-									

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 9 ✓

„ Deck next below -

As per Rule 3 ✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar				
STEM		rolled 3" dia bar		✓
STERN FRAME		rolled 5x3	C.D. Holmes	✓
Propeller Post				
Rudder				
Speed of Vessel		Under 10 knots		✓
RUDDER—Type		Simplex		
A x D		16-70		✓
Diam. of head		rolled 3 1/4"	C.D. Holmes	
Main piece at top pintle		do. 3 1/2	do.	
heel		do. 3 7/16	do.	
how constructed		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 Frodingham, Southorpe

Has the Steel been tested as required by the Rules?

Yes.

Lloyd's Register
Foundation

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.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam. Ins.	Speng. Ins.	Inches.	Number	Diameter. Inches.	
Framing of L, L or C		Inverted ordinary angles.											
Angles in Bridge 'tween Decks ...													
Angles from Uppermost Continuous Deck													
Bilge	No. 1	3 x 2 1/2 x .30						Electric welded					
	" 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											
	Bottom	" 10											
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames		17 1/2" bottom; 20 at sides.											
Tank Top Longitudinals													
Bottom													
Amidships													
At ends...													
Transverses.													
Side (between Decks)	Depth and Thickness												
	Face Angles												
	Lugs to Shell*												
Side in Hold	Depth and Thickness	1 1/2 x 5/16											
	Face Angles	plate 3 x 3/8											
	Lugs to Shell*	welded											
Bottom	Depth and Thickness	1 1/2 x 5/16											
	Face Angles	plates 3 x 3/8											
	Lugs to Shell*	welded											
Back Bars													
Brackets		as approved											
Spacing of Transverse Frames...		84" in no. 1, 2, 3 & 4 tanks. / 96 in no. 5 tank.											
Longitudinal Beams of L or C or inverted angles.													
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											
Third													
Spacing.		12 1/2 & 17 1/2 / 21 & 17 1/2 / 17 & 17 1/2											
Transverse Beams.		variable as approved / 10 x 5/16 3 x 3/8 / variable as approved.											

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.

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 ship is a sister vessel to "ESSO LEEDS" (F.E. Rpt No. 62347) and "ESSO NOTTINGHAM" (F.E. Rpt No. 62491.)

Certificate for rudder and sternframe attached.

Engine room entrance hatch on R.Q.D (SS) 2'-6" x 2'-6" and Pump Rm entrance hatches on Upper Deck (p 9s) 2'-0" x 1'-9" all having 18" x 1/4" coamings and 3/16" steel hinged lids secured watertight by toggles. Lids fitted with 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 cuts. 2 qrs. 25 lbs. A.E.G. No. 6323 3/4/52
2nd " 58
3rd " 58

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 30.6 ft., Bridge — ft., Forecastle — ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.
Official No. 186715 Signal Letters Extreme Breadth over Belting 17.50 ft. Over-all Length 127.0 ft.
(Circ. 1611) (Circ. 1703)
No. and Material of Decks One; steel
Parts of Bottom of Vessel coated with cement or approved composition In E.R. & Pump Rm — one coat zinc chromate
one coat 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.	Water Capacity. 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. 3734
Date 16.2.55
Dates of Surveys held while building
1955 Sept 14, 26, Oct 11, 19, Nov 3, 14, 22, 28, Dec 12, 14, 1956 Jan 12, Feb 14, 23, 27, 29, Mar 7, 29, Apr 6, May 25, 31, Jun 11, 15, 22, 27, Aug 23, Sept 6, 18, 25, 26, 27.
Lloyd's Register Foundation
Total No. of Visits 36

For S.S.O.F. see main ship "Esso Leeds", yd No. 914.