

STEEL STEAMER ~~OR~~ MOTORSHIP

Received at London Office

MAR 23 1938

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

21-3-38

Port of

MIDDLESBROUGH

No. 16289

Survey held at HAYERTON HILL-ON-TEES

Date First Survey

9 August 1937

Last Survey

4 March 1938

On the (State if Machinery fitted Aft and

STEEL TWIN SCREW TANKER

TASAJERA

(MACHINERY FITTED AFT)

State Type (Full Scantling, Complete Superstructure

FULL SCANTLING (POOP, FORE & TRUNK)

State Type of Erections POOP - FORE

TONNAGE under

2954.63

CLASS T100 A.1.

State if with freeboard

Built at HAYERTON HILL-ON-TEES.

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)

L 350'0"

Launched 3rd MARCH 1938 Yard No. 285 285

Breadth (greatest moulded)

B 60'0"

Builders FURNESS S.B.C. & L.

Total

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

D 17'6"

Owners ANGLO AMERICAN OIL CO. LTD.

Gross Tonnage

3951.89

1st Longitudinal Number (L x D) = 6125

Managers

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

Register Tonnage

1811.73

2nd Numeral L x (B + D) = 27125

Residence

LONDON

REGISTERED DIMENSIONS.

FEET.

Length

355.9

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

15'9"

Port of Registry LONDON

Breadth

60.2

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

13.34

If surveyed while building, afloat, or in dry dock

Depth

16.75

Draught Moulded

13'4 3/4

WHILE BUILDING

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.
AMES, Spacing amidships	24	✓	Bracket Floors, Frame	✓	
" " from 3/4 length to Collision bulkhead	"	✓	" " Reversed Frame	✓	
" " in peaks	"	✓	" " Vertical Struts	✓	
E FRAMING.			Centre Girder, depth and thickness amidships	40" x 36 E.S.	✓
ame Amidships, Angle, [or]	7" x 3" x 4"	✓	" " IN MACH. SPACE	36" x 48 B.S.	✓
" " Extends up to	UPPER DK	✓	" " top Angles	DOUBLE 3" x 3" x 4 E.S. 5 B.S.	✓
Reversed Frame Amidships, Angle	"	✓	" " bottom Angles	DOUBLE 3 1/2" x 3 1/2" x 4 1/4"	✓
" " Extends up to	"	✓	Side Girders, No. each side and thickness	TWO IN E.S. 3 1/4" ✓ ONE IN B.S. 4 1/4"	✓
Depth of Framing Girder	7"	✓	Margin Plate depth (excl. of flange) and thickness	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓	
" " Second 'tween Decks, Angle, [or]	✓	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓	
" " Third " "	"	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
Framing in Peaks, Angle of	FORE PK. 7" x 3 1/2" x 3 1/4 B.A. ✓ AFT PK. 6" x 3 1/2" x 4 1/4 O.A. ✓	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4 4 1/2	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	4'10"	✓
State if Frame Joggled	YES.	✓	INNER BOTTOM PLATING.		
TING ARRANGEMENTS (Sec. 7), state system and particulars	PANTING STRINGERS T BEAMS, DEEP FLOORS 9 INTERCOSTALS FITTED AS APPROVED ✓ THREE STRAKES OF SHELL PLATING NEXT KEEL INCREASED TO 57 FRAM. 1/2 LEN. FOR TO COLL. BULK BEAMS. DOUBLE FRAM. ON BOTTOM 3 1/2" x 3" x 36"	✓	Breadth and thickness of Middle Line Strake	120" TO 90" x 4 E.S. ✓ 79" x 44 B.S.	✓
ENGTHENING OF BOTTOM FOR- WARD. State Particulars		✓	Thickness of remainder in Holds	4 E.S. 44 B.S. ✓ 7/8 PLATING UNDER YES. ENGINES.	✓
DOUBLE 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	21" x 38 3" FLANGE ✓	✓	Uppermost Continuous Deck, amidships	8" x 3" x 34 B.A. ✓	✓
Height of Brackets at side above base line at toe of frame	4'3"	✓	" " in Wells, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles,	8" x 3" x 47 DOUBLE ✓	✓	" " in way of Bridge, Angle, [or]	✓	
" " Through Plate on Intercoastal Plate	48" x 46 10" x 40 ✓	✓	Spacing	24"	✓
" " Foundation Plate on Floors	14" x 6 ✓	✓	Second Deck, amidships, Angle, [or]	✓	
" " Flat Plate Keel Angles	4" x 4" x 5 10" x 48 ✓	✓	Spacing	✓	
Side Keelsons, No. each side	ONE	✓	Third Deck, amidships, Angle, [or]	✓	
" " thickness of Intercoastal Plate	38 10" x 36 ✓ 7" x 3" x 5 ✓ 5 1/2" x 3" x 38 ✓	✓	Spacing	✓	
" " BA. ON TOP OF FLOORS TO SHELL		✓	Fourth Deck, amidships, Angle, [or]	✓	
DOUBLE BOTTOM. IN MACH. SPACE.			Spacing	✓	
Solid Floors, thickness and spacing	44 B.S. 34 E.S. ✓ 24" APART	✓	Poop Deck, Angle, [or]	7" x 3" x 37 B.A. ✓	✓
" " Are Frame and Reversed Frame joggled?	NO	✓	Spacing	24"	✓
Bracket Floors, breadth and thickness at middle line	✓	✓	Bridge Deck, Angle, [or]	✓	
" " breadth and thickness at margin plate	✓	✓	Spacing	✓	
			Forecastle Deck, Angle, [or]	6" x 3" x 36 B.A. ✓ 5 1/2" x 3" x 38 B.A. ✓	✓
			Spacing	24"	✓

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.
		<u>IN OIL TANKS.</u>					
PILLARS , No. of Rows.....	<i>TWO IN EACH TANK IN CENTRE.</i>			Stringer Plate, breadth and thickness in way of Bridge	✓		
" in 'tween Decks, Size and Spacing ...	<i>10x3 1/2 x 3 1/2 x .56 CHANNEL x 2.44 x .98 ANGLES. BETWEEN FLOOR & UPPER DECK 10x3 1/2 x 3 1/2 x .60 CHANNEL BETWEEN UPPER DECK & TRUNK TOP</i>			Thickness of Plating abreast Deck openings in way of Wells	✓		
" " " " "	<i>1. 2 1/2" DIA. SOLID PILLARS IN STEERING GEAR HOUSE</i>			Thickness of Plating abreast Deck openings in way of Bridge	✓		
" in Holds " "	<i>3. 3" DIA. SOLID PILLARS + 3. 2 7/8" " " UNDER PILE OK 1. 3 1/2" " " - AT AFTER END</i>			Thickness of Plating within line of openings...	✓	<i>.71</i>	<i>.5 IN LINE OF HATCHES.</i>
" " " " "	<i>2. ENG. ROOM TO UPPER DECK</i>			If Sheathed, material and thickness	✓		
LONGITUDINAL Centre Line Bulkhead.	<i>P-5</i>			Third Deck.			
Stiffeners and Spacing.....	<i>6x3x.4 24 APART.</i>	✓		Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of	<i>7x3x.32 IN OIL FUEL BUNKER. .5 x .34 x .42 TRUNK SIDE .62</i>	✓		If Plated, state thickness.....	✓		
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	<i>89x.48 to .32</i>	✓		If Plated, state thickness	✓		
" " " " in way of Bridge	<i>6x6x.48</i>	✓		Poop Deck.			
" Angle in Wells	<i>6x6x.48</i>	✓		Stringer Plate, breadth and thickness	✓	<i>89x.5 to 36x.34</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>.48 to .3</i>	✓		Plating, Sheathing, material and thickness ...	✓	<i>.48 to .3</i>	
Thickness of Plating abreast Deck openings in way of Bridge	✓			Bridge Deck.			
Thickness of Plating within line of openings...	✓			Stringer Plate, breadth and thickness.....	✓	<i>1/2 x .66 AT BREAK DECK COMPOSITION IN ACCOMMODATION</i>	
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness ..	✓		
TRUNK Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	✓	<i>50 to 36x.34</i>	
				Plating, Sheathing, material and thickness ..	✓	<i>.5 to .32</i>	
						<i>3" P.P. IN WAY OF WINDLASS.</i>	

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.		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	44	.77 ✓	.6 ✓	.64 ✓		DOUBLE	7/8	3/37 ✓	QUAD. TO TREBLE	1	4 ✓	LAPPED	
	KEEL PLATE AT AFT END 1 1/4 THICK												
„ DBLG. (if any)	7.84 1/2	.52 ✓	.5 ✓	.43 ✓	INCREASED TO .57 FROM 1/2 LEN. POOP TO COLL. BULKH	„	„	„	TREBLE	7/8	3 1/8 ✓	„	
BOTTOM PLATING, No. of Strakes	8.79 1/2	„ ✓	.5 ✓	.48 ✓		„	„	„	„	„	„	„	
of Strakes	8.82 3/4	„ ✓	.57 ✓	.48 ✓		„	„	„	„	„	„	„	
BILGE PLATING, No. of Strakes	8.79 1/2	„ ✓	.45 ✓	.48 ✓		„	3/4	2 2/3 ✓	„	3/4	2 5/8 ✓	„	
SIDE PLATING, No. of Strakes	E 68	„ ✓	.48 ✓	.40 ✓		„	„	„	„	„	„	„	
SIDE PLATING, No. of Strakes	F 60 1/2	.48 ✓	.41 ✓	.41 ✓		„	„	„	„	„	„	„	
UPPER DECK, Sheer-strake in Wells	H. 61	.48 ✓	.41 ✓	.41 ✓		„	„	„	„	„	„	„	
UPPER DECK, Sheer-strake in Bridge64 ✓	AT BREAK OF POOP										
		.5 ✓	AT BREAK OF F'CLE										
STRAKE BELOW Sheer-strake in Wells	R 60 1/2	.48 ✓	.41 ✓	.41 ✓		„	„	„	„	„	„	„	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING36 ✓		SINGLE	3/4	2 2/3	DOUBLE TO SINGLE	3/4	2 5/8 ✓	„	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			.4 ✓			SINGLE	3/4	2 2/3	SINGLE	3/4	2 5/8 ✓	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule	
		Plating Thickness.		STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
	36.38.			6x3x.48A.	23 1/4	AT CEN.	
MIDSHIP BULK'D,	Upper two decks	42x.38	3x.48A.	26 1/4	AT MINGS.		
	54. 70.86. 102. 118.	42x.38	3x.38A.	23 1/4	AT CEN.		
"	" Second 134. 150	42x.38	3x.48A.	24	AT MINGS.		
"	" CHAIN LOCKER	36x.26	8x3x.48A.	24			
"	" Third 84. 162	3x	7x3x.37A.	29			
"	" WASH PLATE BULK'D	37x.38	8x3x.48A.				
"	" Holds AT MINGS.	37x.38	7x3x.48A.	23 1/4			
"	" 70. 102. 134.		8x3x.35A.				
"	" (in Hold) 165	42x.38	6x3x.39A.	24	ONE SEMI BOX 8		
"	" 7.....						

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		FLAT PLATE.	✓	
STEM		PLATING 2" 65 TO .5	✓	
STERN FRAME {	Propeller Post	CAST STEEL	STROMMERS	✓
	BRACKETS	AS PER APP. PLAN	YERKSTED	
	Rudder			
Speed of Vessel 10 1/2 KNOTS		AREA OF RUDDER	62 1/2 SQ. FT.	✓
TWIN RUDDERS Type		RUDDER HEAD	✓	
" A x D		12 3/4 DIA. F.S.	KONISBERG	
		AS PER APP. PLAN	YARABEN FABRIK	
" Diam. of head		RUDDER COUPLING	STROMMERS	
		PIECE	CAST STEEL YERKSTED	
" Main piece at top pintle		AS PER APP. PLAN.	✓	
" " heel		RUDDER PLATES		
		ELECTRICALLY WELDED		
" how constructed		AS PER APPROVED PLAN	✓	
" double or single plate		DOUBLE	✓	
" coupling, vertical or		VERTICAL.	✓	
" horizontal				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH BASIC
CARGO FLEET IRON C^o L^d SOUTH DURHAM STEEL TIRON C^o CONSETT IRON C^o L^d
DORMAN LONG T^{Co} L^d SKINNINGGROVE IRON C^o L^d
 Has the Steel been tested as required by the Rules? YES ✓

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 VESSEL "BOSCAN" REPORT No 16201

Forging + Casting Certificates enclosed herewith.
List of approved plans enclosed viz.

MIDSHIP SECTION

PROFILE + DECK PLANS

CRUISER STERN FRAMING

OILTIGHT TRANSVERSE BULKHEADS

PROPELLER BRACKETS

RUDDERS.

PROFILE + DECK PLANS + MIDSHIP SECTION AS BUILT ENCLOSED HERENWITH

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book +100 A.I. "CARRYING PETROLEUM IN BULK"
RUDDERS ELECTRICALLY WELDED ✓
CRUISER STERN

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

1st Bower	31 CNTS. 2 QRS ✓	J.F.R.	2705	17-9-37
2nd "	31 CNTS. 0 QRS ✓	14 LBS.	J.F.R.	2707 17-9-37
3rd "	31 CNTS 1 QR. ✓	21 LBS.	J.F.R.	2710 17-9-37

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 73 ft., R.Q.D. TRUNK 235.7 FT. ✓
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated
ft., Bridge ft., Forecastle 43. ✓

No. and Material of Decks

1 DK. (STL)

Official No. ; Signal Letters

Is bottom of vessel coated with cement AS BELOW pt cen. pt asp. if not give

particulars of composition FORE + AFTER PEAK TANKS + DOUBLE BOTTOM IN E + B. SPACE CEMENTED
PUMP ROOM BITUMASTIC SOLUTION AFTER WELL CEMENT WASH. CARGO TANKS BARE STEEL

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	19.33	164 ✓
Double bottom, under Engines and Boilers,	✓		After peak tank,	14.00	141 ✓
Double bottom, if under Engines only,	12.0 ✓	23 ✓	Deep tank, aft,	4.0	91
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
Double bottom, forward,	✓		Other tanks, if fitted,	✓	
Total capacity of double bottom		23 ✓	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 1818

Date 29-4-37

Dates of Surveys held while building

1937: Aug 9, 21 Sep 3, 9, 30 Oct 4, 21 Nov 5, 25, 29 Dec 1, 8, 17, 23 1938: Jan 17
19 25 26 27 28 31 Feb 1 3 4 7 10 11 15 18 21 23 28 Mar 1 4

Total No. of Visits 14