Rpt. 1.

STEEL STEAMER ~~or MOTORSHIP~~.

20 MAR 1929
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 MARCH 18TH 1929. Port of MIDDLESBROUGH. No. 13608

Survey held at SOUTH BANK MIDDLESBROUGH. Date First Survey 7' Septembr Last Survey 2 March 1929

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAMER 'IERE' MACHINERY FITTED AFT.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) OIL TANKER. State Type of Erections Forecastle.

TONNAGE under Tonnage Deck...	728·55
Do. of space or spaces between Tonnage Dk. and Upper Dk.	
Total	728·55
Gross Tonnage	834·66
Register Tonnage	407·59

REGISTERED DIMENSIONS.

	FEET.
Length	180·0
Breadth	33·25
Depth	16·30

CLASS ✠ 100. A.1. CARRYING PETROLEUM IN BULK. *State if with freeboard as condition of Class* NO

		FEET.
Length *from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)*	L	180
Breadth *(greatest moulded)*	B	33
Depth, *at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)*	D	17·5
1st Longitudinal Number (L × D)	=	3150
2nd Numeral L × (B + D)	=	9090
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		8·58
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		10·28
Do. Long Bridge to top of keel		
Draught Moulded		15'·3½"

Built at SOUTH BANK MIDDLESBROUGH

Launched DEC 12TH 28 *Yard No.* 855.

Builders MESSRS SMITHS DOCK COL.

Owners TRINIDAD LEASEHOLDS LIMITED.

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

Residence LONDON

Port of Registry LONDON.

If surveyed while building, afloat, or in dry dock WHILE BUILDING AFLOAT AND IN DRY DOCK.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships		23"		✓
" " from ⅗ length to Collision bulkhead		23"		✓
" " in peaks		23"		✓
SIDE FRAMING.				
Frame Amidships, ~~Angle, [or~~ [	7	3	·34	✓
" " Extends up to	2ND DECK.			
Reversed Frame Amidships, Angle				
" " Extends up to...				
Depth of Framing Girder		7"		✓
Frames in Uppermost Continuous 'tween Decks, Angle, ~~[or [~~	4½	3	·38	✓
" " **Second 'tween Decks,** Angle, [or [		✓		
" " **Third** " " " "		✓		
Framing in Peaks, Angle ~~[~~	6	3	·36	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	4½.		✓
State if Frame Joggled	FRAMES JOGGLED.			✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	PANTING STRINGER & BEAMS			✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE FRAMES AND CLOSE SPACED / INTERCOSTALS A & B STRAKES MIDSHIP THICKNESS TO COLL BHD			✓
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds	23"	·36		✓
Height of Brackets at side above base line at toe of frame		✓		
Middle Line Keelson, on Floors, Angles, [or [		✓		
" " " Through Plate ~~or Intercostal Plate~~	23"	·36		✓
" " " Foundation Plate on Floors	24	·36		✓
" " " Flat Plate Keel Angles	3½	3½	·40	✓
Side Keelsons, No. each side	ONE.			✓
" " thickness of Intercostal Plate...	·34			
" " Angles	3"	3"	·34"	See plans
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing	·40"	23"		✓
" " Are Frame and Reversed Frame joggled?	No			✓
Bracket Floors, breadth and thickness at middle line		✓		
" " breadth and thickness at margin plate		✓		

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame		✓		
" " Reversed Frame		✓		
" " Vertical Struts		✓		
Centre Girder, depth and thickness amidships	31"	ER ·34	BR ·50	✓
" " top Angles E.R.	3	3	·36	
" " top Angles B.R.	3	3	·46	✓
" " bottom Angles	3	3	·40	
Side Girders, No. each side and thickness	ONE	·34"		✓
Margin Plate depth (excl. of flange) and thickness	LEVEL	·34		✓
B.R.		23	·44	✓
" " Vertical Angle to Tank side Bracket ~~abaft ¼ len. from~~ stem	3	3	·40	✓
" " Vertical Angle to Tank side Bracket forward ¼ len. from stem		✓		
" " Gussets, spacing and scantling abaft ¼ len. from stem		✓		✓
" " Gussets, spacing and scantling forward ¼ len. from stem		✓		
Tank Side Brackets, height above base line at toe of Frame and thickness	E.R. 30	B.R. ·44		
INNER BOTTOM PLATING. E.R.	94	·75		
Breadth and thickness of Middle Line Strake B.R.	62	·44		
E.R.	34			
Thickness of remainder in Holds B.R.	·46			
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?	YES.			✓
BEAMS.				
Uppermost Continuous Deck, amidships ~~in Wells~~, Angle, ~~[or [~~	4½	3	·32	✓
" " in way of Bridge, Angle, [or [		✓		
Spacing EVERY		23"		✓
Second Deck, amidships, Angle, [or [		✓		
Spacing		✓		
Third Deck, amidships, Angle, [or [		✓		
Spacing		✓		
Fourth Deck, amidships, Angle, [or [		✓		
Spacing		✓		
Poop Deck, Angle, [or [		✓		
Spacing		✓		
Bridge Deck, Angle, [or [		✓		
Spacing		✓		
Forecastle Deck, ~~Angle, [or~~ [	6	3	·34	✓
Spacing ALTERNATE		46"		✓

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PILLARS AND DECKS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows		✓		
„ in 'tween Decks, Size and Spacing		✓		
„ „ „ „ „		✓		
„ in Holds „ „		✓		
„ „ „ „ „		✓		
Centre Line Bulkhead. Stiffeners and Spacing 6×3×·36 to 5½×3×·34		SEE APPROVED PLAN FOR SPACING.		✓
Plating, thickness of	·40	·34		
STRINGERS AND DECKS. **Uppermost Continuous Deck.** Stringer Plate, breadth and thickness ~~in Wells~~	72	~~·36~~	·38	(see letter)
„ „ „ „ in way of Bridge		✓		
„ Angle ~~in Wells~~	3½	3½	·42	
Thickness of Plating abreast Deck openings ~~in way of Wells~~		·34		
Thickness of Plating abreast Deck openings in way of Bridge		✓		
Thickness of Plating within line of openings		·32		
If Sheathed, material and thickness		✓		
Second Deck. Stringer Plate, ~~breadth and~~ thickness ~~in Wells~~		·32	✓	

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge		✓		
Thickness of Plating abreast Deck openings ~~in way of Wells~~		·32	✓	
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		✓		
Poop Deck. Stringer Plate, breadth and thickness		✓		
Plating, Sheathing, material and thickness		✓		
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	·28	WOOD SHEATHING 2½		

SHELL PLATING.

Strakes.	Scantlings. As in Vessel. Amidships. Breadth.	Amidships. Thickness.	Forward. Thickness.	Aft. Thickness.	Any Departure from Approved Plans to be Noted.	Riveting. Edges. State if joggled? NO. Single or Double.	Edges. Rivets. Diam.	Edges. Rivets. Spacing cr. to cr.	Butts. No. of Rows of Rivets.	Butts. Rivets. Diam.	Butts. Rivets. Spacing cr. to cr.	Strapped or Lapped.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel	40	·60	·52	·52		DOUBLE.	⅞	3⅛	3	⅞	3⅛	LAPPED
„ Dblg. (if any)	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓
Bottom Plating, No. of Strakes 2	78	·44	·44	·40		DOUBLE	¾	2⅝	3	¾	2⅝	–
Bilge Plating, No. of Strakes ONE	60	·40	·36	·40		„	„	–	3	–	–	–
Side Plating, No. of Strakes 2		·40	·36	·36		„	„	–	D. 2 E. 3.	–	–	
Upper Deck, Sheer-strake ~~in Wells~~	57	·44	·38	·38.					3	–	–	„
Upper Deck, Sheer-strake in Bridge												
Strake below Sheer-strake in Wells												
Strake below Sheer-strake in Bridge												
Poop Side Plating												
Bridge Side Plating												
Forec'tle Side Plating			·28			SINGLE	¾	3	SINGLE	¾	2⅝	

WATERTIGHT BULKHEADS. ✓

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

Extending to Upper Deck (Sec. 3 *c*) 7

„ Deck next below 8

As per Rule 8 ✓

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Vertical. Spacing.	Horizontal. Scantlings.	Horizontal. Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					✓
„ „ Holds ·49.	·40-·34	9×3½×·38 6×3×·36	28"		
COLLISION „ (in Hold) ·84	·36-·26	6×3×·38 4×3×·36	24"		✓
AFTER PEAK „ „ ·47	·40-·26	6×3×·40 4×3×·30	24" 27"		✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar FLAT PLATE				✓
STEM	ROLLED BAR	6¼×1½		✓
STERN FRAME Propeller Post	FORGED STEEL.	6¼×4⅜	DARLINGTON FORGE.	✓
STERN FRAME Rudder „		5¾×4⅜		✓
RUDDER—A×D	Do	40.6×2.45 99.4.	Do.	✓
Speed of Vessel	9 KNOTS			✓
RUDDER mainpiece at head		5⅜		
„ „ heel		4⅛		
„ how constructed	SINGLE PLATE 4 ARMS SHRUNK ON & KEYED TO MAIN PIECE			
„ ~~double or~~ single plate	SINGLE PLATE ·74			
„ coupling, ~~vertical or~~ horizontal	HORIZONTAL COUPLING 6. 1⅜ BOLTS			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth process

Sections, Consett Iron Coy. Dorman Long & Bolckow Vaughan.

Plates, Bolckow Vaughan, Consett Iron Coy.

Has the Steel been tested as required by the Rules? Yes.

✓

EQUIPMENT No. 9450 **LETTER** K **ANCHORS.**

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
31590	1st Bower ...	19	0	14				19	19	2	21	19-0-0	BYERS IMPROVED STOCKLESS	✓	SUNDERLAND 26-10-28 J.H.B.
31591	2nd " ...	19	0	14				19	19	2	21	19-0-0	"	✓	D°
31592	3rd " ...	16	2	7				17	18	1	21	16-1-0	"	✓	D°
	Collective weight.	54	3	7								54-1-0			
43943	Stream	5	1	2	1	1	24	7	11	3	14	5-1-0.	COMMON	✓	CRADLEY HEATH 26-9-28 S.C.P.

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
90199	210	1 5/16	31	46½	186-1-25	185-2-0	210	1 5/16	STUD LINK.	✓	NETHERTON 30-10-28 H.G.
Iron Stream Chain or Steel Wire	60	Cir. 3¼		22			60	Cir. 3¼	STEEL WIRE.		

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms.	Cir. Ins.
TOWLINE...	90	3	18	90	3
HAWSERS & WARPS	90	2¼	9½	90	2¼
"	90	1¾	5½	90	1¾
"					

Steering Gear, Steam COMBINED HAND & STEAM DONKIN & C° L
Steering Gear, Hand ✓

Boats 2 STEEL LIFEBOATS 20'-0" 1 DINGHY. 12'-0"
Steering Chains, Size and Test ✓
Windlass EMERSON WALKER QUICK WARPING DIRECT ACTING

Ceiling in Holds, thickness and material 2 2/2 3½ CEILING FITTED. (FORE HOLD)
Cargo Battens, thickness, material and spacing NO CARGO BATTENS FITTED

Cargo Hatchways.—(Upper Deck) Nº1 HATCH STEEL COAMINGS 30" × .42" CARGO HATCHES CHANNEL COAMINGS 7"×3"×3"×.36 OIL FUEL. STEEL COAMINGS 30" × .38
Thickness of Hatches Nº1 HATCH 3" WOOD CARGO HATCHES O.T. COVERS .50 OIL FUEL. O.T. .46

Size of **No. 1 Hatchway** (Forward) 5'-9" × 8'-0" No. 2 MAIN CARGO 5'-9" × 5'-0" No. 3 SUMMER TANK 5'-9" × 3'-6 No. 4 PACKAGE SPACE 5'-9" × 3'-6" No. 5 OIL FUEL 3'-10" × 2'-0" No. 6

Number of **Shifting Beams** ~~and/or~~ ~~**Fore**~~ ~~and~~ ~~**Afters**~~ Nº1 HATCH ⌶ 9" T 6 × .30 3 × 3 × .30 ANGLES.

FOR SMITH'S DOCK COMPANY, LD

Builder's Signature J W Cairns

GENERAL DECLARATION. *It should be stated (a) whether the vessel 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* TANKER. *The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.*

This vessel has been built in accordance with the approved plans, the Society's Rules, and the Secretary's letters and in general conformity with the Rules & Regulations for the class contemplated.

The materials and workmanship are good.

All the cargo tanks, summer tanks, Double bottom under engines & Boiler, Fore & After peak tank, W.T. Bulkheads, Deck clear of Oil tanks have been tested as required by the Rules with satisfactory results.

The assigned Freeboard has been cut in on the vessel's sides & verified.

The windlass, steering gear & Capstan have been tested under working conditions & found satisfactory

The amount of Entry Fee ...... £ 4 : 0 : 0
Special Survey Fee.... £ 125 : 5 : 0
Freeboard 3 : 13 : 4
Travelling Expenses, if any £ : :

Fees applied for, 18-3-1929
Received by me, 23.3.29 19

C
Ccb

I am of opinion the Vessel should be Classed ✠ 100. A.1. Carrying petroleum in bulk.

State whether the Vessel has been built under Special Survey Yes.

Signature Cyril B. Seover
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to
Date of issue 26/3/29.

Committee's Minute TUE. 26 MAR 1929

Character assigned ✠ 100A1

Carrying petroleum in bulk

Thmc 2.29 JD CL

Lloyds' AXCP Fitted for oil fuel 2.29

F.P. above 150° F

~~Expire~~

~~Return copy of making appt to Sea. per JDC.~~

The Surveyors are requested not to write on or below the Committee's Minute.

C

0129 2/2

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.)*

List of plans now sent.
Midships Section & Profile and deck plans
Strengthening of bottom forward.
Stern & Rudder frames
Tank top plating.
Deckhouses.
Proposed alterations to fitting plate webs in lieu of Channels as shown on Profile & deck plan
Casing plan.
Hatches & Skylight
Mast plan.
Sketch of amended position & size of hatches.
Cruiser Stern & Peak stiffening
Cast Steel Quadrant, Hand gear Quadrant & tiller

14 Plans in all.

Forging certificates.
Stern frame & Rudder
Quadrant & tiller
Hand Quadrant.

3 Certificates in all.

		Cwt		Anchor.	Anchor Test.	Head. No	Date
Particulars of **Drop Test** of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	12-1-21	J.H.B.	No 31590	26-10-28	5665.	16-8-28. K.H.
	2nd „	12-2-7	J.H.B.	No 31591	26-10-28	5613	27-7-28 K.H.
	3rd „	10-0-21	J.H.B.	No 31592.	26-10-28.	5666	16-8-28 K.H

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 20'6" 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)*
2 Dk (Stl)

Official No. 160644 ; Signal Letters L.C.V.G. Is bottom of Vessel coated with cement Yes ~~if not give particulars of composition~~ in way of E&B spaces and Fore Hold.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capac
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	18'0"	48
Double bottom, under Engines and Boilers,			After peak tank,	3'10"	22.
Double bottom, if under Engines only,	21'1"	15	Deep tank, aft,		
Double bottom, if under Boilers only,	15'4	16	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	31	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 442
Date 30-8-28

Dates of Surveys held while building: 1928: Sep 7.11.13.14.15.17.18.24.25 Oct 1.3.4.8.10.11.15.17.18.19.25.30.31 Nov 1.2.5.7.8.9.13.14.15.16.19.20.22.23.26.27.28.29.30 Dec 1.3.4.5.6.7.10.11.12.14.18.20.28 1929: Jan 11.16.17.18.21.24.29.30 Feb 6.18.20.21.27 Mar 2.

Total No. of Visits 68