

21 OCT 1947

IN D.O.

## STEEL STEAMER MOTORSHIP.

Received at London Office 15 OCT 1947

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 30 9 47

Port of GLASGOW.

No. 72160

Survey held at A/R.

Date First Survey 5<sup>TH</sup> FEB. 1947.Last Survey 12<sup>TH</sup> SEPT. 1947.

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

T.S. "PASS OF BRANDER" (MACHINERY AFT)

ex. EMPIRE TEGAMBIA.

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

FULL SCANTLING.

State Type of Erections POOP &amp; BRIDGE: FLE.

TONNAGE under Tonnage Deck ...

877.13.

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

Total 877.13.

Gross Tonnage 1200.14

Register Tonnage 562.88

## REGISTERED DIMENSIONS.

FEET

Length 230.8

Breadth 34.35

Depth 13.85

CLASS 100 A.1.

CARRYING PETROLEUM IN BULK

State if with freeboard as condition of Class

No.

Built at LÜBECK

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

FEET

226.32.

Launched ☒

Yard No. 225.

Breadth (greatest moulded)

B

34.44

Builders LÜBECKER FLENDER-WERKE A.G.

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

D

13.77.

Owners BULK OIL STEAMSHIP CO. LTD.

1st Longitudinal Number (L x D)

3116.

Managers ☒

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D)

10901.

Residence ☒

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

16.44

Port of Registry LONDON.

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to top of keel

Draught Moulded

12.92

If surveyed while building, afloat, or in dry dock WHILE ON SLIPWAY &amp; AFLOAT.

## 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	24 1/2	<input checked="" type="checkbox"/>	Bracket Floors, Frame	<input checked="" type="checkbox"/>	
" " from 1/2 length amidships to Collision bulkhead	24 1/2 x 22	<input checked="" type="checkbox"/>	" " Reversed Frame	<input checked="" type="checkbox"/>	
" " in peaks	22	<input checked="" type="checkbox"/>	" " Vertical Struts	<input checked="" type="checkbox"/>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<input checked="" type="checkbox"/>	
Frame Amidships, Angle, E or F	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	" " top Angles	<input checked="" type="checkbox"/>	
" " Extends up to	6 x 3 x 35	<input checked="" type="checkbox"/>	" " bottom Angles	<input checked="" type="checkbox"/>	
Reversed Frame Amidships, Angle	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	Side Girders, No. each side and thickness	<input checked="" type="checkbox"/>	
" " Extends up to	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	Margin Plate depth (excl. of flange) and thickness	<input checked="" type="checkbox"/>	
Depth of Framing Girder	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<input checked="" type="checkbox"/>	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	<input checked="" type="checkbox"/>	
" " Second 'tween Decks, Angle, E or F	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	" " Gussets, spacing and scantling abaft 1/2 len. from stem	<input checked="" type="checkbox"/>	
" " Third	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<input checked="" type="checkbox"/>	
" " from 1/2 len. for'd. to 15% len. from Stem	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	Tank Side Brackets, height above base line at toe of Frame and thickness	<input checked="" type="checkbox"/>	
" " in Peaks, Angle	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 R. @ 4 1/2"	<input checked="" type="checkbox"/>	Breadth and thickness of Middle Line Strake	<input checked="" type="checkbox"/>	
State if Frame Joggled	No.	<input checked="" type="checkbox"/>	Thickness of remainder in Holds	<input checked="" type="checkbox"/>	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	FORE. NO. 10.	<input checked="" type="checkbox"/>	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?	<input checked="" type="checkbox"/>	YES.
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES.	<input checked="" type="checkbox"/>	BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships	5 x 2 1/2 x 31	<input checked="" type="checkbox"/>
Floors, Depth and thickness at mid-line in	4 1/2 x 35 @ 8' 2"	<input checked="" type="checkbox"/>	" " in way of Bridge, Angle	"	<input checked="" type="checkbox"/>
Height of Brackets at side above base line at toe of frame	4 1/2	<input checked="" type="checkbox"/>	Spacing	24 1/2	<input checked="" type="checkbox"/>
Middle Line Keelson, on Floors, Angles	CENTRE LINE	<input checked="" type="checkbox"/>	Second Deck, amidships, Angle, E or F	15 1/2 x 14 x 31	<input checked="" type="checkbox"/>
" " Through Plate or Inter-costal Plate	BULKHEAD	<input checked="" type="checkbox"/>	Spacing	8' 2" APART.	<input checked="" type="checkbox"/>
" " Foundation Plate on Floors		<input checked="" type="checkbox"/>	Third Deck, amidships, Angle, E or F		<input checked="" type="checkbox"/>
" " Flat Plate Keel Angles		<input checked="" type="checkbox"/>	Spacing		<input checked="" type="checkbox"/>
Side Keelsons, No. each side	ONE	<input checked="" type="checkbox"/>	Fourth Deck, amidships, Angle, E or F		<input checked="" type="checkbox"/>
" " thickness of Inter-costal Plate	35	<input checked="" type="checkbox"/>	Spacing		<input checked="" type="checkbox"/>
" " Angles	5 x 2 1/2 x 35 BA. AT TOP, WELDED TO BOTTOM SHELL.	<input checked="" type="checkbox"/>	Poop Deck, Angle, E or F	6 x 3 x 29	<input checked="" type="checkbox"/>
DOUBLE BOTTOM.			Spacing	44	<input checked="" type="checkbox"/>
Solid Floors, thickness and spacing		<input checked="" type="checkbox"/>	Bridge Deck, Angle, E or F	5 x 2 1/2 x 29	<input checked="" type="checkbox"/>
" " Are Frame and Reversed Frame joggled?		<input checked="" type="checkbox"/>	Spacing	49	<input checked="" type="checkbox"/>
Bracket Floors, breadth and thickness at middle line		<input checked="" type="checkbox"/>	Forecastle Deck, Angle, E or F	5 x 2 1/2 x 33	<input checked="" type="checkbox"/>
" " breadth and thickness at margin plate		<input checked="" type="checkbox"/>	Spacing	22	<input checked="" type="checkbox"/>

(MADE IN ENGLAND.)

002298-002304-0172 1/2



## 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	✓
" 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	✓
Centre Line Bulkhead.	42 x 3 x 31 @ 24 1/2 ✓		If Sheathed, material and thickness	✓
Stiffeners and Spacing	OA. REVERSE ✓		Third Deck.	✓
Plating, thickness of	29 x 33 ✓		Stringer Plate, breadth and thickness	✓
STRINGERS AND DECKS.			If Plated, state thickness	✓
Uppermost Continuous Deck.			Fourth Deck.	✓
Stringer Plate, breadth and thickness in way of Wells	44 x 39 ✓		Stringer Plate, breadth and thickness	✓
" " " " in way of Bridge	28 1/2 x 29 ✓		If Plated, state thickness	✓
" Angle in Wells	WELDED TO SHELL ✓		Poop Deck.	✓
Thickness of Plating abreast Deck openings in way of Wells	29 x 33 ✓		Stringer Plate, breadth and thickness	19 1/2 x 27 ✓
Thickness of Plating abreast Deck openings in way of Bridge	27 ✓		Plating, Sheathing, material and thickness	31 ✓
EXPANSION TRUNK SIDES.			Bridge Deck.	✓
Thickness of Plating within line of openings	33 ✓		Stringer Plate, breadth and thickness	29 1/2 x 27 ✓
" " Top	31 x 27 ✓	29 on plan	Plating, Sheathing, material and thickness	2 1/2 FINE ✓
If Sheathed, material and thickness			Forecastle Deck.	✓
Second Deck.			Stringer Plate, breadth and thickness	19 1/2 x 29 ✓
Stringer Plate, breadth and thickness in Wells	✓		Plating, Sheathing, material and thickness	29 ✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				
	AMIDSHIPS.		FORWARD.		State if jogged?	EDGES.		BUTTS.	
	Breadth.	Thickness.	Breadth.	Thickness.		Single or Double.	Rivets.	No. of Rows of Rivets.	Rivets.
Flat Plate Keel	45 ✓	49 ✓	45 ✓	45 ✓		DOUBLE ✓	3/4 1/2	TREBLE ✓	3/4 1/2
" Dblg. (if any)									
Bottom Plating, No. of Strakes		41 ✓	59 ✓	35 ✓		"	3/4 1/2	DOUBLE + TREBLE ✓	3/4 1/2
Bilge Plating, No. of Strakes		41 ✓	59 ✓	39 ✓		"	"	DOUBLE ✓	"
Side Plating, No. of Strakes		39 ✓	59 ✓	33 ✓		"	"	"	"
Upper Deck, Sheer-strake in Wells	45 1/2 ✓	47 ✓	59 ✓	33 ✓		"	"	DOUBLE + TREBLE ✓	"
Upper Deck, Sheer-strake in Bridge	45 1/2 ✓	47 ✓	-	-		"	"	TREBLE ✓	3/4 1/2
Strake below Sheer-strake in Wells	54 1/2 ✓	39 ✓	39 ✓	33 ✓		"	"	DOUBLE ✓	3/4 1/2
Strake below Sheer-strake in Bridge	✓	✓	✓	✓		"	"	"	"
Poop Side Plating			31 ✓	27 ✓		SINGLE ✓	5/8 1/2	DOUBLE ✓	5/8 1/2
Bridge Side Plating		27 ✓				"	"	"	1 1/2 ✓
Forecastle Side Plating	✓	✓	27 ✓	✓		"	"	"	1 1/2 ✓

## WATERTIGHT BULKHEADS.

## FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—	13 ✓								
Extending to Upper Deck (Sec. 3 c)	13 ✓								
" Deck next below	✓								
As per Rule	✓								
STIFFENERS.					KEEL, Bar				
MIDSHIP BULKH'D, Upper 'tween decks	✓	VERTICAL.		HORIZONTAL.	STEM				
		Scantlings.	Spacing.		Stern Frame				
" Second	✓				Propeller Post				
" Third	✓				Rudder				
" Holds	9 1/2 x 31 1/2	4 1/2 x 3 1/2	22 1/2 x 23 1/2	2 PLATE STRGS.	Speed of Vessel				
COLLISION	9 1/2 x 31 1/2	4 1/2 x 3 1/2	24 ✓	✓	RUDDER—Type				
AFTER PEAK	9 1/2 x 31 1/2	4 1/2 x 3 1/2	24 ✓	✓	A x D				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					Diam. of head				
Has the Steel been tested as required by the Rules?					Mainpiece at top				
					heel				
					how constructed				
					double or single plate coupling, vertical or horizontal				

## EQUIPMENT No. 12043.

## LETTER N. ✓

## ANCHORS. 38.15.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
36195	1st Bower	24 1 14	Cwts. qrs. lbs.	24 4 0 7	25 1/2 ✓	STOCKLESS.	✓	SUNDERLAND.
36197	2nd "	24 2 22	24 10 2 14	24 1 3 14	25 1/2 ✓	"	✓	R. J. YOGAN.
36196	3rd "	24 0 18	24 1 3 14	24 1 3 14	25 1/2 ✓	"	✓	14.7.47.
36198	Collective weight	73 0 26	73 0 26	73 0 26	73 0 26	STEEL SWANK.	✓	
	Stream	6 3 21	6 3 21	6 3 21	6 3 21		✓	

## CHAIN CABLES.

## HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire.	Length and size per Table 53.
10612	166 1/2	34.0 51.0	166 2.7	242	210 1/2	STOK	✓	LOW WALKER.	90 3/4	21.7	90 3/4
10611	303 1/2	31.0 46.2	29 2.21	below Rule limit	"	✓	✓	13.8.47.	90 1/2	21.7	90 1/2
10643	3 1/2	34.0 51.0	4.1.12	"	"	✓	✓	R. J. YOGAN.	90 1/2	21.7	90 1/2
10644	2 1/2	34.0 51.0	3.3.20	"	"	✓	✓		90 1/2	21.7	90 1/2
102-6	75 3/4	25.7 TONS	204.2.4	75 3/4	GSWR	✓	✓		90 1/2	21.7	90 1/2

Steering Gear, Type (Power or hand)	ELECTRIC HYDRAULIC ✓	Alternative Means of Steering	HAND SCREW GEAR ✓
Steering Chains (Size and Test)	✓	Windlass	STEAM. ✓
Ceiling in Holds, thickness and material	✓	Cargo Battsens, thickness, material and spacing	✓
Cargo Hatchways. (Upper Deck)	EXP. TRUNK. ✓	Thickness of Hatches	STEEL. ✓
Size of Hatchways No. 1 (Fwd.)	✓	No. 2	✓
No. 3	✓	No. 4	✓
No. 5	✓	No. 6	✓
Number of Shifting Beams and/or Fore and Afters	✓		
Builder's Signature			

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. **MOTORSHIP.** ✓  
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. **OIL TANKER.** ✓  
 be indicated, together with the flash point (where required to be inserted in the Notation).  
 This vessel built under Special Survey to Germanischer Lloyd. The vessel placed in dry dock. Shell plating & rudder cleaned, examined & coated. The scantlings have been checked & found to comply with or equivalent to those shown on the approved plans. The hold, tween decks, Cargo tanks, Coffers, bunks, bunkers, machinery spaces, peaks, pump rooms, decks, casings, hatchways, ventilators, chain locker, masts, rigging & equipment examined & found or placed in good condition. The Cargo tanks, O.F. bunkers, & peaks etc. tested as required by the Rules & found satisfactory. The pumping arrangements, windlass & steering gear tested & found satisfactory. The workmanship throughout found to be satisfactory. Oil is carried as fuel in bunkers aft & in deep tank forward. (F.P. above 150°F). Section 20 of the Rules has been complied with.

The amount of Entry Fee..... £	Fees applied for,	(Special notations, where part of class, to be stated.)
Special Survey Fee, REPAIRS... £ 105.00	14 OCT 1947	
4 ALTERATIONS.	Received by me,	
Travelling Expenses, if any..... £ 10.10.00	19	
I am of opinion the Vessel should be Classed 100 A.1.		
508/27 TO 30 FMS. OF CABLE CARRYING PETROLEUM IN BULK ✓		
BEING RENEWED & 15 FMS. OF CABLE SUPPLIED AT 1 1/2" DIA. AT THE FIRST OPPORTUNITY.		
State whether the Vessel has been built under Special Survey	10.	
Certificate to be sent to	Duners.	Date of issue 3/10/49
Committee's Minute	GLASGOW	14 OCT 1947
Character assigned	See Report 8	



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.)

PLANS FORWARDED HERewith

SHELL EXPANSION. SHAFT BRACKETS. STERNFRAME. O.T. BULKHEADS.  
FORE PEAK BULKHEAD. RUDDER. AFT PEAK BULKHEAD. MIDSHIP SECTION.  
PROFILE & DECK. GENERAL ARRANGEMENT.

GERMANISCHER. LLOYD CERTIFICATES.

CLASSIFICATION. HULL & MACHINERY.

ANCHORS & CABLES.

CASTINGS & FORGINGS.

PARTICULARS OF ELECTRIC WELDING (if employed)

BUTTS OF SHELL PLATING.

SEAMS & BUTTS OF DECK & EXPANSION

TRUNK PLATING. DECK PLATING TO SHELL. SEAM. BUTTS & STIFFENERS OF TRANSVERSE BULKHEADS.

BUTTS & STIFFENERS OF CENTRE LINE BULKHEAD. SIDE STRINGERS TO SHELL. INTERCOSTAL GIRDERS TO SHELL & FLOORS.

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

CRUISER STERN. MACHINERY AFT. OIL ENGINE. WIRELESS. DIRECTION FINDER. ECHO SOUNDING.

CARRYING PETROLEUM IN BULK. OIL FUEL. (F.P. ABOVE 150°F.) LLOYD'S A & C.P.

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

	1st Bower	SHANK	cut. qrs. lbs.	SP.R.	HEAD	cut. qrs. lbs.	J.H.J.	SP.R.
1st Bower	7	3	23	9053	7.7.47	15	2	24
2nd "	7	3	13	9052	"	15	3	16
3rd "	7	2	18	J.H.J.	8978	11.6.47	15	2
STREAM	"	6	1	25	S.P.R.	9054	7.7.47	"

PARTICULARS FOR RECORD in the REGISTER BOOK.

Length of Poop 66.62 ft., R.Q.D. 55.2 ft., Bridge 32.67 ft., Forecastle 36.79 ft.

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

Official No. 180822.

Signal Letters G.B.Q.R.

Extreme Breadth over Belting 34' 8 1/2"

Over-all Length 143' 1"

No. and Material of Decks

ONE - STEEL.

Parts of Bottom of Vessel coated with cement or approved composition

KEEL & GARBOARD STRAKES IN NO 2 & 6 CARGO TANKS. SPRAYED

WITH ZINC COATING BY THE 'SCHORI' PROCESS.

BOTTOM PLATING IN PUMP ROOM COVERED 1" CEMENT. CEMENT IN PEAKS.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:

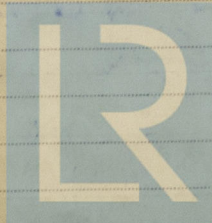
(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		62.5
Double bottom, under Engines and Boilers,			After peak tank,	14.66	22.0
Double bottom, if under Engines only,			Deep tank, aft,	9.66	23.5
Double bottom, if under Boilers only,			Deep tank, forward,	12.83	61.7
CARGO TANKS NO 2 & 6.	173.		Other tanks, if fitted,		
Double bottom, forward,			(If necessary furnish further information by sketch.)		
Total length (if continuous) and Capacity					

Order for Special Survey No.

Date

Dates of Surveys held while building



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Total No. of Visits