

STEEL ~~STEAMER~~ MOTORSHIP.

CRICK BAY  
No. 1665 JAN 1 FEB 15 1939  
Received at London Office

State of Report has been sent on the Freeboard of the Vessel. YES.

State of Report is sent on the Machinery of the Vessel. YES.

Date of completion of report 10<sup>th</sup> FEB. 1939.

Port of GREENOCK.

No. 20695.

Survey held at GREENOCK

Date First Survey 25<sup>th</sup> MARCH 1938. Last Survey 3<sup>rd</sup> FEBRUARY 1939.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) TWIN SCREW MOTORSHIP "AFRICA SHELL" MACHINERY AFT.

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

State Type of Erections R.O.R.D. &amp; F.C.L.E.

TONNAGE under 423.42.  
Tonnage Deck...

CLASS 100A1.

State if with freeboard as condition of Class

No.

Built at GREENOCK.

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

CARRYING PETROLEUM IN BULK  
LONGITUDINAL FRAMING AT BOTTOM IN  
CENTRE TANKS AND IN TRUNK  
Length from fore part of stem to after part of stern  
rest on summer L.W.L. See Sec. 3 (1a)

FEET.

Launched 10<sup>th</sup> NOV. 1938. Yard No. 207.

Total

Breadth (greatest moulded) B 29.5

Builders GEORGE BROWN &amp; CO. (MARINE) LTD.

Gross Tonnage 705.82.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 11.75

Owners SHELL CO. OF EAST AFRICA, LTD.

Register Tonnage 332.25.

1st Longitudinal Number (L x D) = 2118.

Managers

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

REGISTERED DIMENSIONS.  
FEET.

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

✓

ST. HELEN'S COURT,  
Residence GREAT ST. HELEN'S, LONDON, E.C.3.

Length 184.8.

Proportions—Depth to Length—Uppermost continuous deck to top of keel 15.3

Port of Registry LONDON.

Breadth 29.65.

Do. Long Bridge to top of keel

✓

If surveyed while building, afloat, or in dry dock

Depth 11.55.

Draught Moulded 11'-3 7/8"

BUILDING &amp; AFLOAT.

FRAMES, ~~DOUBLE~~ SINGLE 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	2 1/2 ✓		Bracket Floors, Frame	/	
" " from 3/4 length amidships to Collision bulkhead	2 1/2 ✓		" " Reversed Frame	/	
" " in peaks	2 1/2 ✓		" " Vertical Struts	/	
DE FRAMING. IN SIDE TANKS.		APPROVED.	Centre Girder, depth and thickness amidships	/	
Frame Amidships, <del>Angle, E or C</del>	7 x 3 x 36	6 1/2 x 3 x 34.	" " top Angles	/	
" " Extends up to	UPPER DECK.	✓	" " 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	/	
Frames in <del>Uppermost Continuous</del> MACHINERY SPACE	6 x 3 x 28	APPROVED 5 1/2 x 3 x 28 BA. WITHOUT WELLS	" " Bracket abaft 1/4 len. from stem	/	
" " Second 'tween Decks, Angle, [ or C	✓		" " Vertical Angle to Tank side	/	
" " Third " " " "	✓		" " Bracket from forward 1/4 len. from stem to Panting Area	/	
" " from 1/4 len. for'd. to 15% len. from Stem	4 x 3 x 32	APPROVED 4 x 3 x 32.	" " Gussets, spacing and scantling abaft 1/4 len. from stem	/	
" " in Peaks, Angle	4 x 3 x 38	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	/	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 DIA. 6 DIAS.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	/	
State if Frame Joggled	NOT JOGGED.	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS PER RULES.	✓	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?	INCREASED SHELL & FRG AS APPROVED. RIVETING 4 1/2 x 5 DIA.	✓	Thickness of remainder in Holds	/	
ANGLE 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	31 x 34.	✓	BEAMS.		
" " IN ENGINE ROOM	17 1/2 x 32 (AFT)	✓	Uppermost Continuous Deck, amidships	5 x 3 x 36	✓
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [ or C	(AT SIDE TANKS).	✓
Middle Line Keelson, on Floors, Angles, (AFT END OF B.A.)	4 x 3 x 34.	FOR SINGLE BOTTOM IN CENTRE TANKS SEE PAGE 4.	Spacing	2 1/2.	✓
" " Intercostal Plate	34.	✓	R.O.R. Deck, <del>Amidships</del> , Angle, <del>E or C</del>	5 x 3 x 32 & 4 1/2 x 3 x 34 1/2	✓
" " Foundation Plate on Floors	✓		Spacing	2 1/2	✓
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 40 (DOUBLE).	✓	TRUNK TOP Third Deck, amidships, Angle, [ or C	SEE PAGE 4.	✓
Side Keelsons, No. each side	SEE APPROVED		Spacing	/	
" " thickness of Intercostal Plate	PLANS OF ENGINE SEATING & DEEP TANK FORD, ETC.	✓	Fourth Deck, amidships, Angle, [ or C	✓	
" " Angles	✓		Spacing	/	
DOUBLE BOTTOM.			Poop Deck, Angle, <del>E or C</del> (ALTERNATE FRG.)	6 x 3 x 34 & 5 x 3 x 40	✓
Solid Floors, thickness and spacing	/		Spacing	43	✓
" " Are Frame and Reversed Frame joggled?	/		Bridge Deck, Angle, [ or C	✓	
Bracket Floors, breadth and thickness at middle line	/		Spacing	/	
" " breadth and thickness at margin plate	/		Forecastle Deck, Angle, <del>E or C</del>	5 x 3 x 34 & 5 x 3 x 32	APPROVED. 4 1/2 x 3 x 32
			Spacing	2 1/2	✓



PILLARS AND DECKS.									
PILLARS, No. of Rows.....		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
in 'tween Decks, Size and Spacing.....									
in Holds.....									
LONGITUDINAL Bulkhead, PORT & STARBOARD.....		7 x 3 x 36 B.A.		✓		Stringer Plate, breadth and thickness in way of Bridge.....		✓	
Stiffeners and Spacing.....		7 x 3 x 42 B.A. (IN FOREMOST TANK)		✓		Thickness of Plating abreast Deck openings in way of Wells.....		✓	
Plating, thickness of.....		36		✓		Thickness of Plating abreast Deck openings in way of R.Q.R. DECK.....		29	
STRINGERS AND DECKS. Uppermost Continuous Deck.						Thickness of Plating within line of openings.....		36 & 30	
Stringer Plate, breadth and thickness in way of Bridge.....		67 x 38		✓		If Sheathed, material and thickness.....		TEAKOID 1 1/2 IN.	
Angle.....		5 x 5 x 40		✓		Third Deck.			
Thickness of Plating ON TRUNK TOP.....		36		✓		Stringer Plate, breadth and thickness.....		✓	
Thickness of Plating abreast Deck openings in way of Bridge.....		30		✓		If Plated, state thickness.....		✓	
Thickness of Plating within line of openings.....		30		✓		Fourth Deck.			
If Sheathed, material and thickness.....		✓		✓		Stringer Plate, breadth and thickness.....		✓	
R.Q.R. Deck.						If Plated, state thickness.....		✓	
Stringer Plate, breadth and thickness.....		67 x 36 x 32		✓		Poop Deck.			
		APPROVED 32.		✓		Stringer Plate, breadth and thickness.....		25	
						Plating, Sheathing, material and thickness.....		25-25 x 22 P.FINE.	
						Bridge Deck.			
						Stringer Plate, breadth and thickness.....		✓	
						Plating, Sheathing, material and thickness.....		✓	
						Forecastle Deck.			
						Stringer Plate, breadth and thickness.....		30	
						Plating, Sheathing, material and thickness.....		30 - NO SHEATHING	

  

SHELL PLATING.										
SCANTLINGS.					RIVETING.					
STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. NO. State if jogged?	BUTTS.			STRAPPED OR LAPPED.	
	AMIDSHIPS.	FORWARD.	AFT.			NO. OF ROWS OF RIVETS.	RIVETS.	RIVETS.		
FLAT PLATE KEEL.....	39	55	47	✓ APPROVED 39" x 55" to 41"	DOUBLE OIL 2 1/8	3/4	2 1/8	3/4	2 1/8	LAPPED.
" DELG. (if any).....	"A"	34	38	✓	DOUBLE, SINGLE AT ENDS.	3/4	2 1/8	3/4	2 1/8	LAPPED.
BOTTOM PLATING, No. of Strakes.....	"B"	36	30	✓	DOUBLE, SINGLE AFT END	3/4	2 1/8	3/4	2 1/8	"
BILGE PLATING, No. of Strakes.....		36	32	✓	DOUBLE, SINGLE AT ENDS.	3/4	2 1/8	3/4	2 1/8	"
SIDE PLATING, No. of Strakes.....		36	30	✓	DOUBLE, SINGLE AT ENDS.	3/4	2 1/8	3/4	2 1/8	"
UPPER DECK, Sheer-strake.....	63	36	31	✓	DOUBLE, BOT. SEAM.	3/4	2 1/8	3/4	2 1/8	"
RAISED QUARTER DECK, Sheer-strake in Bridge.....				✓	DOUBLE, SINGLE, TOP	3/4	2 1/8	3/4	2 1/8	"
AT R.Q.R. DECK, Sheer-strake in Wells.....				✓	DOUBLE.	3/4	2 1/8	3/4	2 1/8	"
STRAKE BELOW SHEER-strake in Bridge.....				✓	SINGLE.	3/4	2 1/8	3/4	2 1/8	LAPPED.
POOP SIDE PLATING.....				✓	SINGLE.	3/4	2 1/8	3/4	2 1/8	LAPPED.
BRIDGE SIDE PLATING.....				✓	SINGLE.	3/4	2 1/8	3/4	2 1/8	LAPPED.
FORECASTLE SIDE PLATING.....				✓	SINGLE.	3/4	2 1/8	3/4	2 1/8	LAPPED.

  

WATERTIGHT BULKHEADS.				FORGINGS and CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel.....				Cutting or Forging, Scantlings, Maker's Name, Any Departure from Approved Plans to be Noted.			
Extending to Upper Deck (Sec. 3 c).....				10.			
Deck next below.....				10.			
As per APPROVED PLANS.....				10.			

  

STIFFENERS.			
VERTICAL.	HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.
MIDSHIP BULKHEAD, Upper 'tween decks.....	✓		
" Second.....	✓		
" Third.....	✓		
" Holds.....	✓		
" COLLISION (in Hold).....	36	8 x 5 x 36 B.A. 27 1/2	2 1/2 x 3 1/2 AT LEVEL OF UPP. DECK.
" AFTER PEAK.....	36	8 x 5 x 36 B.A. 24	2 1/2 x 3 1/2 AT LEVEL OF UPP. DECK.

  

STEEL.	
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....	COLVILLE LTD., DORMAN, LONG & CO. LTD., CONSETT IRON CO. LTD.
Has the Steel been tested as required by the Rules?.....	YES. ✓

EQUIPMENT No. 8468.										LETTER 8										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.		Where and when tested and supervised.													
38335	1st Bower	16	3	21	3	21	3	21	3	21	3	21	3	21	3	21	3												
38340	2nd "	16	3	21	3	21	3	21	3	21	3	21	3	21	3	21	3												
38336	3rd "	14	3	21	3	21	3	21	3	21	3	21	3	21	3	21	3												

  

Rpt. 1\*.

M.V. "AFRICA SHELL". (GEO. BROWN & CO. (MARINE) LTD.'S YARD No. 207.)

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.		
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		
	Diam.	Spacing.	Straps.	Diam.	Spacing.	Straps.		Diam.	Spacing.	Straps.
Framing of L. 40										
Frames in Bridge 'tween Decks										
LONGITUDINAL FRAMING ON BOTTOM - 3 P.S.	10	3 1/2	42	10	3 1/2	42		3/4	4 1/2	3/8
LONGITUDINAL FRAMING ON TRUNK SIDE, 1 P.S.	6	3	34 B.A.	6	3	34 B.A.		3/4	4 1/2	3/8
CENTRE GIRDER.	33	38		33	38			3/4	4 1/2	3/8
TOP ANGLES (SINGLE).	5	3	40	5	3	40		3/4	4 1/2	3/8
BOTTOM ANGLES (DOUBLE).	3 1/2	3 1/2	40	3 1/2	3 1/2	40		3/4	4 1/2	3/8
Spacing of Longitudinal Frames	Amidships	2' 3 1/2"		At Ends	2' 3 1/2"					
Double Bottoms L. 40 or C	Tank Top Longitudinals			Bottom						
Spacing of Longitudinals	Amidships	No DOUBLE		At Ends	BOTTOM.					
Transverses.										
Side (in 'tween Decks)	Depth and Thickness	12 x 40		12 x 40						
Side (in Hold)	Depth and Thickness	FLGD. 3"		FLGD. 3"						
Bottom	Depth and Thickness	6 1/2 x 6 1/2 x 50 T.		6 1/2 x 6 1/2 x 50 T.						
Spacing of Transverses	Face Angles	33 x 40		33 x 40						
Longitudinal Beams of	Lugs to Shell	6 x 3 1/2 x 50 O.A.		6 x 3 1/2 x 50 O.A.						
Longitudinal Beams of	Face Angles	5 x 5 x 40		5 x 5 x 40						
Longitudinal Beams of	Lugs to Shell	4' 3" x 40 FLGD.		4' 3" x 40 FLGD.						
Longitudinal Beams of	Face Angles	10' 9"		10' 9"						
Longitudinal Beams of	Lugs to Shell	7 x 3 x 34		7 x 3 x 34						
Longitudinal Beams of	Face Angles	20 x 40		20 x 40						
Longitudinal Beams of	Lugs to Shell	6' 3" x 40		6' 3" x 40						

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

W430-0196 3/3

Longitudinal Framing at Bottom in Centre Tanks and in Trunk.

W430-0196 2/3



EQUIPMENT No. 8468.										LETTER "J"		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				Cwts.
38335.	1st Bower ...	16	3	21	STOCKLESS.			18	5	0	0.	16 3/4	BYERS IMPROVED STOCKLESS.	NOT STATED.	SUNDERLAND, 24-5-38, T.H. BUTLER.
38340	2nd " ...	16	3	0	"			18	0	2	14	16 3/4	" "	" "	" 25-5-38, " "
38336	3rd " ...	14	3	0	"			16	5	2	14	14 1/2	" "	" "	" 24-5-38, " "
	Collective weight.	48	1	21								48.			
51542.	Stream .....	4	3	10	1	0	24	7	5	0	0	4 3/4	ORDY FORGED WROG. IRON.	NOT STATED.	CRADLEY HEATH, 9-5-38, S.C. PAUL.

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.		
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Ins.					Length.	Ins.		Fathoms.	Ins.	Fathoms.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
57237.	210	1 1/4	28 1/8	42 1/8	167	3	22	168	210	1 1/4	STUD LINK CABLE.	NOT STATED.	CRADLEY HEATH, 29-7-38, L.C. PAUL.	TOWLINE..	75	2 3/4 (1/2)	15.2	75	2 3/4	
														HAWSERS & WARPS	90	2 1/4 (1/2)	10.8.	90	2 1/4	
														"	90	1 3/4 (1/2)	6.4.			
		Cir.								Cir.										
Stream	60	3		18.6					60	3										
Steel Wire		(1/2)								(1/2)										

Steering Gear, Type (Power *8* hand) **STEAM - T. REID & SONS, LTD.** Alternative Means of Steering **HAND STEERING FROM POOP DK. (AFT.)**

Steering Chains (Size and Test) **(TELE MOTOR CONTROL)** Windlass **EMERSON, WALKER, LTD.** Boats **2 @ 21 FT. x 7 FT. LIFEBOATS.**

CEILING in Hold, thickness and material **NONE.** Cargo Battens, thickness, material and spacing **✓**  
**SIDE - UPPER DK. - STEEL COAMING 48" x 40" - 3" 7" x 2" 3" - 4 PORT & 4 STAR.** HINGED STEEL COVERS **50" THICK.**  
**T. CENTRE - TRUNK TOP - STEEL COAMING 10 x 3 1/2 x 45 B.A. - 7" 0" x 7" 0" - 4** Thickness of Hatches **HINGED STEEL COVERS 50" THICK & STIFFENED.**  
**Cargo Hatchways - (Fwd. Deck)**

Size of Hatchways No. 1 (Fwd.) **3' 0" x 3' 0"** No. 2 **✓** No. 3 **✓** No. 4 **✓** No. 5 **✓** No. 6 **✓**

Number of Shifting Beams and/or Fore and Afters **NONE.** For and on behalf of **GEORGE BROWN & CO. (MARINE) LTD.**  
 Builder's Signature *Geo. Brown* Director.

**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 **OIL ENGINES.**  
 (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **OIL TANKER.** The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).  
 This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in general conformity with the Society's Rules for the class contemplated.  
 The materials and workmanship are good.  
 After Peak Tank, Fore Peak Tank, cargo Oil Tanks, Cofferdam, Oil Fuel Bunkers aft and Oil Fuel Deep Tank forward are been tested as required by the Rules as approved and found satisfactory.  
 Weather Decks have been hose tested and found satisfactory.  
 Fuel, flash point above 150°F, is carried in Oil Fuel Bunker between Motor Room and Pump Room and in Deep Tank forward. The Oil Fuel Bunkers have been tested to Rule requirements, found satisfactory and Section 20 of the Rules complied with.  
 Freeboard Markings have been verified and cut in on the vessel's sides. **✓**

Amount of Entry Fee ..... £ **4 : 0 : 0** Fees applied for, **11<sup>TH</sup> FEB'Y 1939** (Special notations, where part of class, to be stated.)  
 Special Survey Fee.... £ **105 : 18 : 0.** Received by me, **17 4. 39 13/14**  
**FREEBOARD FEE** 8 : 0 : 0  
 Travelling Expenses, if any £ **✓ : ✓ : ✓**  
 I am of opinion the Vessel should be Classed **100 A1.**  
**"CARRYING PETROLEUM IN BULK" "LONGITUDINAL FRAMING AT BOTTOM IN CENTRE TANKS AND IN TRUNK."**  
 State whether the Vessel has been built under Special Survey **YES.** Signature **R. In. Scott.**  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 14 FEB 1939**  
 Character assigned **100 A1 2.39** *Lloyds A+C*  
**Carrying Petroleum in bulk**  
**100 A1 2.39 Oil Eng. 180 lb.**  
**Longitudinal Framing at Bottom in Centre Tanks and in Trunk**



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 as per separate list, together with Forging and Basting Reports.

PARTICULARS OF ELECTRIC WELDING (if employed) CORNERS OF BOUNDARY BARS OF W.T. & O.T. BHDS.

STIFFS ON LONGIT. BHD. PORT & STARD.—FLANGE TO BHD. CUT AWAY AT SEAMS AND ENDS OF STIFFS WELDED.  
TOP AND BOTTOM ENDS OF T BARS ON BHDS. WELDED.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "CARRYING PETROLEUM IN BULK"—  
"LONGITUDINAL FRAMING AT BOTTOM IN CENTRE TANKS AND IN TRUNK".

Particulars of Drop Test of Cast Steel Anchor, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower (INCL. PINS.)	10-3-0; J.F.R.; 2506; 20-8-37.
	2nd "	( " ) 10-2-14; W.H.; 6757; 30-6-37.
	3rd "	( " ) 9-2-14; W.H.; 6725; 4-6-37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop <sup>incl. dk</sup> 60.04 ft., R.Q.D. 60.04 ft., <sup>Trunk 98' in plan</sup> Bridge 98' ft., Forecastle 24.0 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 167164. Signal Letters MMYT Extreme Breadth over Belting NO BELTING. Over-all Length 193.5 FT.  
No. and Material of Decks 1 DK.

Parts of Bottom of Vessel coated with cement or approved composition NO COATING ON BOTTOM OF CARGO TANKS. CEMENT IN AFTER & FORE PEAK  
TANKS. BOTTOM OF ENGINE ROOM & PUMP ROOM PAINTED AS APPROVED.

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,		16 ✓
Double bottom, under Engines and Boilers,			After peak tank,		46 ✓
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. 3431

Date 29<sup>TH</sup> MARCH 1938

Dates of Surveys held while building

(1938) MARCH 25-28. APRIL 1. 4. 12. 15. 19. 20. 21. 22. 25. 28. 29. MAY 2. 3. 4. 5. 6. 9. 12. 13. 16. 19. 23. 25. 29. JUNE 1. 6. 9. 15. 19. 20. 23. 29. JULY 15. 19. 28. AUGUST 3. 4. 8. 12. 16. 18. 22. 25. 29. 31. SEPT. 1. 6. 9. 14. 16. 19. 21. 22. 28. 30. OCT. 4. 10. 13. 14. 18. 21. 24. 26. 28. 31. NOV. 23. 24. 8. 10. 11. 15. 23. 28. DEC. 8. 15. 22. (1939) JAN. 5. 6. 10. 11. 13. 14. 24. 26. 29. 31. FEB. 1. 3.

Total No. of Visits

93