

STEEL STEAMER OR MOTORSHIP.

Received at London Office

11 APR 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 28th March 1947 Port of Belfast No. 14.345
Survey held at BELFAST Date First Survey 7th Feb. 1946 Last Survey 24th March 1947
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M.V. "LINGULA" SINGLE SCREW MOTOR TANKER (MACHINERY AFT.)
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POOP, BRIDGE & F.C.E.

TONNAGE under Tonnage Deck ...
Do. of space or spaces between Tonnage Dk. and Upper Dk.
Total 5515.58
Gross Tonnage 6445.36
Register Tonnage 3618.38

CLASS 100A.1. CARRYING PETROLEUM IN BULK State if with freeboard as condition of Class FEET
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 425.0
Breadth (greatest moulded) B 54.25
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 31.0
1st Longitudinal Number (L x D) 13175
2nd Numeral L x (B + D) 36231
Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.7
Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.7
Do. Long Bridge to top of keel 25.55
Draught Moulded 25.55

Built at BELFAST
Launched 11th OCT 1946 Yard No. 1347
Builders HARLAND & WOLFF LTD
Owners ANGLO-SAXON PETROLEUM CO LTD.
Managers (Where necessary to be entered in Reg. Book)
Residence (Where necessary to be entered in Reg. Book)
Port of Registry LONDON
If surveyed while building, afloat, or in dry dock BUILDING, AFLOAT & DRYDOCK.

REGISTERED DIMENSIONS.

FEET

Length 431.3'
Breadth 54.7'
Depth 30.6'

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.....	31 3/4 ✓		Bracket Floors, Frame	✓	
FOR OF CARGO TANKS.			Reversed Frame.....	✓	
from 1/2 length amidships to Collision bulkhead.....	27 ✓		Vertical Struts	✓	
FROM 3/4 L TO AFT BND OF D. TANK	31 3/4 ✓		Centre Girder, depth and thickness amidships <u>60" x 44"</u>		
in peaks.....	24 ✓		top Angles.....	WELDED TO T. TOP ✓	
IN MACHINERY SPACE	26 1/4 ✓		bottom Angles.....	DBLE ✓	
SIDE FRAMING.			Side Girders, No. each side and thickness.....	2 AT 60" ✓ 2 AT 60" PART AFT ✓ 2 AT 40" PART FWD ✓	
Frame Amidships, Angle, E or C ✓	9 x 3 1/2 x 38 ✓		Margin Plate depth (excl. of flange) and thickness <u>TANK TOP STRAIGHT</u>		
FOR CARGO TANK ✓	10 x 3 1/2 x 40 BA ✓		Vertical Angle to Tank side		
Extends up to.....	UPPER DECK ✓		Bracket abaft 1/2 len. from stem.....	6 x 6 x 44 ✓	
Reversed Frame Amidships, Angle.....	✓		Vertical Angle to Tank side		
Extends up to.....	✓		Bracket from forward 1/2 len. from stem to Panting Area		
Depth of Framing Girder.....	9 x 10" ✓		Gussets, spacing and scantling abaft 1/2 len. from stem.....		
Frames in Uppermost Continuous 'tween Decks, Angle, C or E.....	✓		Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....		
Second 'tween Decks, Angle, C or E.....	✓		Tank Side Brackets, height above base line at toe of Frame and thickness <u>36" x 45" 3" FL.</u>		
Third.....	✓		INNER BOTTOM PLATING.		
FOR OF CARGO TANKS TO COLL. BND	10 x 3 1/2 x 44 BA ✓		Breadth and thickness of Middle Line Strake.....	83" x 51" ✓	
from 1/2 len. for'd. to 15% len. from Stem.....	8 x 3 1/2 x 44 BA ✓		TANK TOP IN WAY OF HOLDING DOWN BOLTS	1 1/8" ✓	
in Peaks, Angle or C.....	8 x 3 1/2 x 40 ✓		Thickness of remainder in Holds <u>MOTOR ROOM</u>	51" ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	7/8 @ 4 3/4" ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Peels Down?.....	YES ✓	
State if Frame Joggled.....	YES ✓		BEAMS.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	AS APPROVED ✓		Uppermost Continuous Deck, amidships in IN WAY OF POOP Wells, Angle, E or C.....	7 x 3 1/2 x 40 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	AS APPROVED ✓		in way of Bridge, Angle, E or C.....	7 x 3 x 40 ✓	
SINGLE BOTTOM.			Spacing.....	7 x 3 x 40 ✓	
Floors, Depth and thickness at mid-line in Holds.....	SEE ✓		Second Deck, amidships, Angle, E or C.....	9 x 3 1/2 x 40 ✓	
Height of Brackets at side above base line at toe of frame.....	LONGITUDINAL ✓		Spacing.....	7 x 3 x 40 ✓	
Middle Line Keelson, on Floors, Angles, C or E.....	FRAMING ✓		Third Deck, amidships, Angle, E or C.....	8 x 3 x 42 ✓	
Through Plate or Inter-costal Plate.....	PLAN. ✓		Spacing.....	EVERY ✓	
Foundation Plate on Floors.....			Fourth Deck, amidships, Angle, C or E.....	8 x 3 x 40 ✓	
Flat Plate Keel Angles.....			Spacing.....	EVERY ✓	
Side Keelsons, No. each side.....			Poop Deck, Angle, E or C.....	7 x 3 x 40 ✓	
thickness of Inter-costal Plate.....			Spacing.....	EVERY ✓	
Angles.....			Bridge Deck, Angle, E or C.....	6 x 3 x 44 ✓	
DOUBLE BOTTOM. (IN MOTOR SPACE) ✓			Spacing.....	EVERY ✓	
Solid Floors, thickness and spacing.....	43" AT 26 1/4" ✓		Forecastle Deck, Angle, E or C.....	9 x 3 1/2 x 38 ✓	
Are Frame and Reversed Frame joggled?.....	YES ✓		Spacing.....	EVERY ✓	
Bracket Floors, breadth and thickness at middle line.....	FLOOR WELDED TO TANK TOP ✓				
breadth and thickness at margin plate.....					

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	TWO		Stringer Plate, breadth and thickness in way of Bridge	✓
„ in 'tween Decks, Size and Spacing	LONGITUDINAL		Thickness of Plating abreast Deck openings in way of Wells AFT. ✓	.36 ✓
„ „ „ „ „	BULKHEADS ✓		Thickness of Plating abreast Deck openings in way of Bridge.....	✓
„ in Holds „ „ „			Thickness of Plating within line of openings...	✓
„ „ „ „ „			If Sheathed, material and thickness.....	✓
LONGITUDINAL			Third Deck. (TOP OF DEEP TANK FOR'D)	
Center Line Bulkhead. 10'-10" P&S ✓			Stringer Plate, breadth and thickness.....	.40 ✓
Stiffeners and Spacing 3 1/4" ✓	3 1/2" 44 BA ✓		If Plated, state thickness38 ✓
2 LONG. GIRDERS 28"x.42; 24"x.40, FLANGES 3 1/2" WELDED TO BMD	.43 VERT. ✓		Fourth Deck.	
Plating, thickness of			Stringer Plate, breadth and thickness.....	✓
STRINGERS AND DECKS.			If Plated, state thickness.....	✓
Uppermost Continuous Deck.			Poop Deck.	
Stringer Plate, breadth and thickness in Wells 78" .63 ✓			Stringer Plate, breadth and thickness.....	.36 ✓
„ „ „ „ in way of Bridge .63 ✓			Plating, Sheathing, material and thickness26 ✓
„ Angle in Wells 6 6 .66 ✓			SHBATHING WHERE EXPOSED OREGON PINE 2 1/2" ✓	
Thickness of Plating abreast Deck openings in way of Wells 3 @ .58 and 1 @ .48 ✓			Bridge Deck.	
Thickness of Plating abreast Deck openings in way of Bridge 4 @ .48 ✓			Stringer Plate, breadth and thickness.....	.38 ✓
Thickness of Plating within line of openings in way of O.T. Hatch 3 @ .48 ✓			Plating, Sheathing, material and thickness32 ✓
If Sheathed, material and thickness.....	✓		Forecastle Deck.	
Second Deck. AFT			Stringer Plate, breadth and thickness.....	.36 ✓
Stringer Plate, breadth and thickness in Wells .40" .36 ✓			Plating, Sheathing, material and thickness...	.34 ✓

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.....	52	.92	.71	.71		DOUBLE	1	4	5	1	4	LAPPED	
„ Dblg. (if any)		✓				✓							
Bottom Plating, No. of Strakes 3.....		.63	.69	.48		DOUBLE	7/8	3 1/2	4	7/8	3 1/2	LAPPED	
Bilge Plating, No. of Strakes ONE.....		.63	.48	.52		"	7/8	3 1/2	4	7/8	3 1/2	"	
Side Plating, No. of Strakes 3.....		.60	.46	.46		"	7/8	3 1/2	3	7/8	3 1/8	"	
Upper Deck, Sheer- strake in Wells.....	64 1/2	.90	.46	.46	See letter 29.7.46 with F. E. Rpt on "LIRIA"	-	1	4	5	1	4 1/2	"	
Upper Deck, Sheer- strake in Bridge 4... AT BRIDGE FRONT	64 1/2	1.08	✓	✓		-	1 1/8	4 1/2	5	1 1/8	5	"	
Strake below Sheer- strake in Wells.....	83 1/2	.70	.46	.46		DOUBLE	1	4	4	7/8	3 1/2	"	
Strake below Sheer- strake in Bridge ...	83 1/2	.70	✓	✓		"	1 1/8	4 1/2	4	7/8	3 1/2	"	
Poop Side Plating.....			.50 AT BREAK	.38		ONE STRAKE	-	-	3 & 2	3/4	2 5/8	"	
Bridge Side Plating.....		.42				"	-	-	2	3/4	2 5/8	"	
Forecastle Side Plating			.42			SINGLE	3/4	3	ONE	3/4	2 5/8	"	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 16 ✓

„ Deck next below..... ✓

As per Rule *ordinary cargo* 7.

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		FLAT	PLATE	KEEL ✓
STEM		ROLLER	9 5/8 x 2 3/8	✓
STERN FRAME	Propeller Post	C.S.	SEE APP. PLAN 2 5/8 x 1/2	THE STEEL CO. OF SCOTLAND ✓
	Rudder	✓	✓	STEEL CO. ✓
Speed of Vessel		12 KNOTS	✓	
RUDDER—Type		SIMPLEX	SEMI-BALANCED	
"	A x D.	(EFFECTIVE AREA)	155 SQ. FT.	✓
"	Diam. of head STOCK	F.S.	10" DIA	DARLINGTON FORGE ✓
"	Mainpiece at top pintle	F.S.	9" DIA	THE WOLSKINGHAM STEEL CO. ✓
"	"	✓	✓	
"	heel			
"	how constructed	Double plate fabricated by Bush and electrically welded. ✓		
"	double or single plate coupling, vertical or horizontal	Horizontal coupling as per app. plan 22 3/4 x 1/2 ✓		

		STIFFENERS.				
		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	CENTRE TANK.	50 COAM 42 VERT	9 x 3 1/2 x .44 BA	32 1/2	UPPER STR 30 x .40 FACE ANGLE 6 x 3 1/2 x .40 OA	30 x .40 ✓
	Upper 2nd deck				LOWER STR 30 x .40 FACE ANGLE 2 x 3 1/2 x .42 BA	✓
	Second	50 COAM 42 VERT	9 x 1 1/2 x .44 BA	32 1/2	UPPER STR. 24 x .40 FACE ANGLE 3 x 3 1/2 x .40 LOWER STR 24 x .40 FACE ANGLE 6 x 3 1/2 x .40	24 x .40 ✓
	Third WING TANKS.					
	Holds					
COLLISION	(in Hold)	51 - 38 50 - 30	7 x 3 1/2 x .50 x .44 OA 6 x 3 1/2 x .38 OA 4 x 3 1/2 x .38 OA 7 x 3 x .36 BA 6 x 3 x .40 OA	24"	ONE BOX BEAM & CROWN OF DEEP TANK BOILER FLAT.	✓
AFTER PEAK						

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth*
Colvilles Ltd, The Lancashire Steel Co., The Steel Company of Scotland Ltd,
Coussett Iron Co

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

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.						AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETS IN LONGITUDINAL FRAMES.		RIVETING.					
						In Ship.			In Ship.				Diam.	Speng.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.				
						Inch.	Inch.	Inch.	Inch.	Inch.	Inch.		Inch.	Inch.	Inches.	Number.	Diameter.			
																	Inches.			
Between Decks ...							✓													
Permost Continuous CENTRE GIRDER No. 1						PLATES 40"x42" Keel angles 4x4x .50, top angles 3 1/2 x 3 1/2 = 44														
" 2						17x4x4x .50/68 as Amidships.									7/8"	5 1/4"	3 1/8 for 11 rivets	Horizontal		
" 3						do. ✓ do. ✓									do. ✓	do. ✓		Gussets		
" 4						do. ✓ do. ✓									do. ✓	do. ✓		Welded		
" 5 Long - Bulk - Plating 43 vert, Stuffs						2x3 1/2 x 44 BA spaced 3 1/4"														
" 6 17x4x4x .50/68 as Amidships															7/8"	5 1/4"	3 1/2 for 11 rivets	Horizontal		
" 7						do. ✓ do. ✓									do. ✓	do. ✓		Gussets		
" 8						do. ✓ do. ✓									do. ✓	do. ✓		Welded.		
" 9																				
" 10																				
" 11																				
" 12																				
" 13																				
" 14																				
" 15																				
" 16																				
Amidships						32 1/2" ✓														
At Ends						32 1/3 ✓														
Tank Top Longitudinals						✓														
Bottom "						✓														
Longitudinals { Amidships						✓														
{ At Ends...						✓														
Transverses.						at rule of vessel, transverse framing and vertical webs to longitudinal bulkhead in way of bottom transverses, also supported with 2 horizontal struts ✓														
Side Deck) Depth and Thickness						✓														
Face Angles						✓														
Lugs to Shell*						✓														
Depth and Thickness						✓														
Face Angles						✓														
Lugs to Shell*						✓														
Depth and Thickness						40"x44" in centre 36"x42" in wings as Amidships ✓ 6x3 1/2x48 stiff in cr.														
Face Angles						5x3 1/2x40 angle in wing ✓ do ✓														
Lugs to Shell*						welded direct in tanks ✓ do. ✓ 6x6x42 lugs in wing ✓									7/8"	3 1/2"				
Back Bars ...						✓														
Brackets						4-6x44 in benton tanks, 3-1"x42 in wing tanks at shell ✓														
Floors																				
Plating of Transverse Frames						10'-7" in centres & wing tanks ✓ Shell lugs in wing tanks joggled. ✓														
State if jogged or liners.																				
Longitudinal Bridge Deck ...																				
Upper " 3 1/2 40 in way of oil cargo tanks ✓															32 1/2" ✓					
Second "																				
Third "																				

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.

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.								
29799	1st Bower	65	2	7	✓	✓	✓	51	7	2	-	✓	✓	✓	✓	Stockless	W. L. Byers & Co.	Los Angeles 22 Nov 1946	✓	
50146	2nd "	65	-	14	✓	✓	✓	51	2	2	-	✓	✓	✓	✓	Stockless	do.	Sunderland 12 Nov 1940	✓	
50100	3rd "	64	2	14	✓	✓	✓	50	17	2	-	✓	✓	✓	✓	Stockless	do.	Sunderland 29 Oct 1940	✓	
	Collective weight	195	1	7	✓	✓	✓													
29977	Stream	18	3	14	✓	✓	✓	5	0	14	19	15	1	7	✓	19.0-0.0	G. S. Rodgers Anchor	Not stated	Los Angeles 18 Feb 1947	✓

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.					Cir.	Length.		Cir.	
					Tons.	Cwts. qrs. lbs.													Cwts.
73247	270 ¹ / ₄	2 ⁵ / ₁₆	96 ¹ / ₄	134 ³ / ₄	726-0	- 16	720 ³ / ₄	270	2 ⁵ / ₁₆	Steel link	Not stated	Bradley Heath 6 th Feb-1947 W.V. Norman	TOWLINE	120	5 ¹ / ₄	77 ¹ / ₂	120	5 ¹ / ₄	
Iron Stream Chain or Steel Wire	90	4 ³ / ₄ 6 ¹ / ₄	64.6	✓	✓	✓	✓	30	5 6 ¹ / ₂	STEEL WIRE	Martin Black 660 (wire type 24)	✓	HAWSEERS & WARPS	2090	3 ¹ / ₄	21-14	2090	23 ¹ / ₄	
														2090	3-	18-12	2090	2 ¹ / ₂	

Steering Gear, Type (Power or hand) *Hasties Steam Hydraulic* Alternative Means of Steering *Block & tackle & winch.*

Steering Chains (Size and Test) Telenotor control Windlass Emerson & Walker Boats 4 @ 24'-0" ✓
(3 motor)

Ceiling in Holds, thickness and material None ✓ Cargo Battens, thickness, material and spacing None ✓

Cargo Hatchways.—(Upper Deck) *24" O.T. Steel Latches 4'-0" dia x 10 x .75" Thickness of Hatches .40 O.T. Linged covers*

Size of Hatchways No. 1 (Fwd.) *8'-0" x 8'-0" ✓* No. 2 and No. 3 as No. 4 above No. 5 *fabricated* No. 6

Number of Shifting Beams }
and/or Fore and Afters }

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 ✓ 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).

Oil fuel is carried in bunkers situated at the forward end of the motor space, in the deep tank forward of the forward cofferdam and in the double bottom under engines. Bargo oil is carried in 24 compartments, between forward and after cofferdams, separated into three groups by two pump rooms.

This vessel has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans. The material and workmanship are good. All cargo tanks, oil fuel bunkers, settling tanks, lubricating oil tanks, deep tank forward, fore & aft peak tanks, fresh water tanks, double bottom compartments in machinery space and cofferdams have been tested to Rule requirements with satisfactory results. Weather decks and W.T. Bulkhead have been satisfactorily hose tested. Bilge pumping and steam smothering have been tested and found satisfactory. The steering gear and windlasses have been tested under working conditions at sea and found satisfactory. Freeboard

The amount of Entry Fee..... £	v: v:	Fees applied for, <i>9th apl 1947</i>	(Special notations, where part of class, to be stated.)
Special Survey Fee..... £	654. 0 : 0		
<i>Freeboard Fee</i>	<i>£ 17. 0 - 0</i>	Received by me,	I am of opinion the Vessel should be Classed <i>* 100.A.1.</i>
Travelling Expenses, if any	£ : :		

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

..... forming at which and the joints of work electrically welded.

..... A. Dawson.

..... Signature

..... Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Belgaat. Date of issue 12/3/41.

Committee's Minute ✓

Character assigned 7100A1 Carrying Feloleum in bulk

3.4/12el
11.1.2008 + 1 MC 347 D.P.E. (h)

2 lojas A+C.R.
 1 LMC S.4/ 100 mg.

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.)

assigned have been marked on the vessel sides, verified, cut in and the freeboard certificates issued. ✓

This vessel is a sister ship by the same builders & Lynn; "Linga" and "Lepton" and to N°1370 now building

The casting and forging certificates together with steel invoices are enclosed.
(9 casting, 1 forging reports and 6 m report N°10)

Interim certificate issued, copy attached.

Approved plans are being retained at this office for guidance during the completion of the sister ship yard N°1370.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of upper deck, seams & butts of deep tank crown, side stringers to shell throughout, horizontal girders to bulkheads, gussets and brackets fast welded, longitudinal girders to shell, transverse bulkheads to shell in centre tanks, transverse to shell in centre tanks, bridge keel to shell. The double bottom tanks under main engine is an all welded structure except floor attachments to shell, angle butts and corners for oiltightness. Ladder see page 2.

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

oil engine, machinery aft,
Sperry gyro compass, D.F. E.S.D. ✓

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

1st Bower.	43-1-7	AEG	8935	25-10-46
2nd "	40-0-14	S.P.R	8056	4-9-46
3rd "	39-2-14	S.P.R	8058	4-9-46

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 88 ft., R.Q.D. ✓ ft., Bridge 82 ft., Forecastle 50.75 ft.

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

Official No. 181594

Signal Letters

Extreme Breadth over Belting

34.7'

Over-all Length

446'-2" ✓

No. and Material of Decks

One steel deck, second deck, steel deck of oil fuel tanks and fore deep

Parts of Bottom of Vessel coated with cement or approved composition

bare steel in oil compartments, cemented in

fore & after 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,	22.75 ✓	104.2
Double bottom, under Engines and Boilers,			After peak tank,	16.0 ✓	56.65
Double bottom, if under Engines only,	59.0 ✓	128.7	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.75 ✓	252.2
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. 453

Date 31/10/45

Dates of Surveys held while building

1946
Feb 7, 26 Mar 1, 11, 27 Apr 2, 17, 26, 30 May 6, 7, 10, 13, 17, 21, 22, 28 June 10, 20, 25
July 2, 5, 22, 24 Aug 2, 7, 9, 13, 14, 16, 21, 23, 26, 27, 29, 30 Sept 5, 6, 9, 12, 13, 16, 17, 18, 19, 20, 21, 23, 25
25, 27, 30 Oct 2, 3, 4, 7, 8, 9, 10, 11, 18, 29, 31 Nov 8, 22, 28 Dec 12 1947 Jan 2, 13, 14, 15, 28, 30 Feb 7
Mar 14, 10, 11, 12, 18, 22, 24

Total No. of Visits 81