

## STEEL STEAMER or MOTORSHIP.

Received at London Office 31 MAR 1937

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 25<sup>th</sup> March 1937 Port of Newcastle on Tyne No. 94861Survey held at Wallsend on Tyne Date First Survey 9<sup>th</sup> March 1936 Last Survey 24<sup>th</sup> March 1937

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw M.S. "REGENT LION" machy. fitted aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling Tanker having 3 tanks State Type of Erections P.B. &amp; F.

TONNAGE under Tonnage Deck... 8727.57 CLASS petroleum in bulk as condition of Class NO

Do. of space or spaces between Tonnage Dk. and Upper Dk. Overall Length 510-2 1/2 FEET. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 485

Total 8727.57 Breadth (greatest moulded) B 66-29

Gross Tonnage 9551.49 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 35-0

Register Tonnage 5794.10 1st Longitudinal Number (L x D) = 16975

REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) = 49126

Length 489.7 Framing Depth "d" at middle of length. See Sec. 3 (1d) 13-85

Breadth 66.5 Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel

Depth 35.0 Draught Moulded 28-2 1/2

## 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 <i>in M.S.</i>	30	✓	Bracket Floors, Frame		
" " from <i>fore Cofferdam</i> length to Collision bulkhead	27	✓	" " Reversed Frame	✓	
" " in peaks	24	✓	" " Vertical Struts		
<i>For Longitudinal framing See Report 1</i>			Centre Girder, <i>in oil tanks</i> depth and thickness amidships	48 x 42	✓
IDE FRAMING.			" " top Angles	6 x 3 1/2 x 40	Single
Frame Amidships, Angle, E or F	9 x 3 1/2 x 38	✓	" " bottom Angles	4 x 4 x 50	Stile
" " Extends up to	10 x 3 1/2 x 40	✓	Side Girders, No. each side and thickness	6 x 6 x 40	at trans. at Plate.
" " Frames in M.S.	11 x 3 1/2 x 30	✓	Margin Plate depth (excl. of flange) and thickness	75 x 75 x 40	in H.S.
Reversed Frame Amidships, Angle			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		Tank top Straight across in H.S.
" " Extends up to			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
Depth of Framing Girder			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	10 ends	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, E or F	as approved	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	6-3 x 42	in being tanks clear of trans.
" " Third " " "			INNER BOTTOM PLATING.		
Framing in Peaks, Angle, E or F	8 x 3 1/2 x 34	✓	Breadth and thickness of Middle Line Strake	154 Centre through Bottom	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 4 7/8	✓	Thickness of remainder in Holds	1 1/4 under Engines	
State if Frame Joggled	Long joggle	✓	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?	Remainder 154 x 56	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	h/b frames side stringers 3 Strakes Shell plating next keel from 1/2 L to 70 ft. increased to 3/4 L from 70 ft. * Rule position of Collision Bulk. 78	✓	BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	Longitudinals	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or F	in each tank	
Height of Brackets at side above base line at toe of frame			Spacing	2 upper Struts 9 x 3 1/2 x 36	✓
Middle Line Keelson, on Floors, Angles, E or F			Second Deck, amidships, Angle, E or F	2 middle Struts 9 x 3 1/2 x 32 x 40/54	✓
" " Through Plate or Intercoastal Plate			Spacing	6 x 3 1/2 x 40	✓
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F	2 lower Struts 9 x 3 1/2 x 32 x 50/54	✓
" " Flat Plate Keel Angles			Spacing	6 x 3 1/2 x 50	✓
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or F		✓
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Poop Deck, Angle, E or F	9 x 3 1/2 x 38	✓
DOUBLE BOTTOM.			Spacing	30	✓
Solid Floors, thickness and spacing	in machy space 46 @ 30 in plate	✓	Bridge Deck, Angle, E or F	7 x 3 x 36	✓
" " Are Frame and Reversed Frame joggled?	Rev. fr. joggled	✓	Spacing	30	✓
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, E or F	9 x 3 1/2 x 38	✓
" " breadth and thickness at margin plate			Spacing	27 1/2	✓



	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	16 ends & Bridge as approved		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 .....	36 x 34 after 42 and Boilers	
" " " " " .....			Thickness of Plating abreast Deck openings in way of Bridge .....	36 - 32 for	
" in Holds " " " .....	✓		Thickness of Plating within line of openings..	✓	
" " " " " .....			If Sheathed, material and thickness .....		
<b>Centre Line BulkheadS</b>	5 8 x 3 1/2 x 40 @ 30"		<b>Third Deck.</b>		
Stiffeners and Spacing.....	h. next bulk 9 x 3 1/2 x 38 7 9 x 3 1/2 x 46 8 10 x 3 1/2 x 40		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	43 Vertically arranged		If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>	7 44 8 45		<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	72 x 81		If Plated, state thickness .....		
" " " " in way of Bridge	72 x 103 5 at Br. end & poop front		<b>Poop Deck.</b>		
" Angle in Wells .....	7 x 7 = 81		Stringer Plate, breadth and thickness .....	39 x 38 ✓	
Thickness of Plating abreast Deck openings in way of Wells .....	next Stringer 9 1/2 x 70 Rule 64 h. 7 1/2 x 87 1/2 70 P. 87 1/2 1/2 64 1/2 79		Plating, Sheathing, material and thickness .....	30 3 1/2 Wood Sheathing outside 5 1/2 asphalt inside	
Thickness of Plating abreast Deck openings in way of Bridge .....	87 1/2 x 87 1/2 = 79		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings..	87 Centre - 79		Stringer Plate, breadth and thickness.....	46 x 44 ✓	
If Sheathed, material and thickness .....	Local increases in Bay Pump Rooms		Plating, Sheathing, material and thickness .....	36 2 1/2 Wood Sheathing outside 1 1/2 asphalt inside House	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	after 51 x 42 - 34		Stringer Plate, breadth and thickness.....	36 x 38 ✓	
	89 x 36		Plating, Sheathing, material and thickness ..	36 ✓	

	SCANTLINGS.					RIVETING.						
	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Pro</i>			BUTTS.			
STRAKES.	AMIDSHIPS.		FORWARD.		AFT.	State if Jogged?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	52	1.03	.80	.80		8ble	1 1/8	4 1/2	5-4	1 1/8	4 1/2	overlaps
3 Strakes next keel .73 from 1/2 L to aft. 170 ft. then .78 & Rule position of Collen. 130												
" Debg. (if any)												
BOTTOM PLATING, No. of Strakes .....	A	.66	.55	.69	bulley	8ble	7/8	3 1/2	4-3	7/8	3 1/2	
	B	.73	.57	.66	under long							
	C	.66	.58	.69	10" above Rule		7/8	3 3/4	4-3	7/8	3 1/2	
	D	.70	.65	.70	2 1/2							
BIDGE PLATING, No. of Strakes .....	F.G.	.66	F.53	.69	bulley		7/8	3 3/4	4-3	7/8	3 1/2	
	H.T.	.48	G.H.T	.48								
SIDE PLATING, No. of Strakes .....	L 64	1.07	.53	.75	bulley	Top of F.G. 4	8ble	1 1/8	3 3/4	5-3	1 1/8	5 1/2
UPPER DECK, Sheer-strake in Wells.....		1.33 at	Pr. 2 1/2	5	Roof front							
UPPER DECK, Sheer-strake in Bridge ...		as above										
STRAKE BELOW SHEER-strake in Wells.....	K 76	.82	.48	.48	dup plan	8ble	1	3 1/2	4-3	1	4	
		increased	.03	found	of 2 1/2							
STRAKE BELOW SHEER-strake in Bridge ...		as above										
POOP SIDE PLATING .....			.42		50 at Break	Single Seam & shear strake	7/8	3 1/2	3-2	3/4	2 7/8	
						Single & shear	1 1/8	4 7/8	2	3/4	2 7/8	
BRIDGE SIDE PLATING ...		.44				also Stringer bar	1 1/8	5 7/8				
FORE/TFE SIDE PLATING		.44				Single	3/4	3	Single	3/4	2 7/8	

FORGINGS and CASTINGS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.		Speed of Vessel .....	11 1/2 knots
		Scantlings.	Spacing.	Scantlings.	Spacing.		
SHIP BULKHEAD, Upper	Top Strake - 37 1/2 x 5	Center 8 x 3 1/2 = 40	✓	Upper	Trings 20 x 40 1/2 x 3 1/2 = 42"	A x D .....	180 x 47 1/2 = 855 ✓
"	Second	Center 8 x 3 1/2 = 38	✓	Center	25 x 40 1/2 x 3 1/2 = 48 L	Diam. of head .....	14" forged ✓
"	Third	Center 8 x 3 1/2 = 38	✓	Middle	Trings 22 x 40 1/2 x 3 1/2 = 44 1/2 L	Mainpiece at top pintle	16 x 11 ✓
"	Holds	Center 8 x 3 1/2 = 38	✓	Lower	Trings 28 x 40 1/2 x 3 1/2 = 50 L	" heel ...	11 x 11 ✓
"		Center 8 x 3 1/2 = 38	✓	Center	30 x 40 1/2 x 3 1/2 = 50 L	how constructed .....	Casting ✓ working beam ✓
COLLISION	(in Hold) 18 7/8 ft.	30 x 53	✓	W.T. flabs	✓	double or single plate	5/16" - 60 plates ✓
AFTER PEAK	2 ft.	30 x 44	✓	As per plan	✓	coupling, vertical or horizontal	Horizontal ✓

LETTER

FRAMING.				AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
In Ship.				In Ship.			Per Rule or as approved.			Per Rule or as approved.			Diam. Speng.		Inches.		Number. Diameter.				
Ins. Ins. Ins.				Ins. Ins. Ins.			Ins. Ins. Ins.			Ins. Ins. Ins.			Ins. Ins.		Inches.		Inches.				
Framing of L, L or C .....																					
Frames in Bridge 'tween Decks ...																					
Frames from Uppermost Continuous Deck No. 1				Transverse side framing See Report 1.																	
" 2																					
" 3																					
Side Shell Upper Stringer				24 x .42 Face Angle 3 1/2 x 3 1/2 x .42 ✓																	
" " Middle "				24 x .42 ✓ - - 3 1/2 x 3 1/2 x .42 ✓																	
" " Lower "				26 x .42 ✓ - - 3 1/2 x 3 1/2 x .42 ✓																	
" 6																					
" 7																					
Longitud. Upper Stringers				22 x .40 Face Angle 3 1/2 x 3 1/2 x .40 ✓																	
" " Middle "				24 x .40 ✓ - - 3 1/2 x 3 1/2 x .40 ✓																	
" " Lower "				26 x .40 ✓ - - 3 1/2 x 3 1/2 x .40 ✓																	
" 10																					
" 11																					
" 12																					
" 13																					
" 14																					
" 15																					
" 16																					
Bottom Longs.				17 x 4 x 4 x .50 168 L ✓																	
Spacing of Longitudinal Frames				At Ends ...																	
Double Bottoms L, L or C				Tank Top Longitudinals																	
Bottom																					
Spacing of Longitudinals				At Ends...																	
Transverses.																					
In Bridge 'tween Decks				Depth and Thickness																	
Face Angles				✓																	
Lugs to Shell*																					
In Upper 'tween Decks				Depth and Thickness																	
Face Angles				✓																	
Lugs to Shell*																					
Bottom Transverses				Depth and Thickness																	
Face Angles				✓																	
Lugs to Shell*																					
In Hold.				Depth and Thickness																	
Face Angles				✓																	
Lugs to Shell*																					
" " Back Bars ...																					
" " Brackets																					
Spacing of Transverses				At Ends...																	
Longitudinal Beams of L, L or C				Bridge Deck ...																	
Upper				9 x 3 1/2 x .375 @ 30 ✓																	
Second																					
Third																					

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under heading, "Remarks."



Carrying petroleum in bulk  
Lloyd's A.C.S. + amt 3.17 2 SB 180 lb  
vce. Eng. CL  
Note d.o.A.  
Write Note.  
" G.S.  
Burr



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.)

above 150° F., have been carried out. ✓  
The assigned freeboards have been marked on vessel's sides, verified & cub in. ✓

The approved plans (33 in number) & certificates are sent herewith, also midship section and profile as built. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
Carrying petroleum in bulk. Cruiser Stern. Longitudinal framing at bottom and at deck. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		C. 95 lb.		with pin C. 95 lb.	
1st Bower	49.0.0	FD	No 1159	25.8.36	53.1.21
2nd "	49.0.5	HP	No 1141	13.8.36	53.1.21
3rd "	49.0.24	FD	No 630	21.6.35	53.2.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 109.0 ft., R.Q.D. 47.5 ft., Bridge 37.5 ft., Forecastle 63.5 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated P.B. & F. separate

No. and Material of Decks 1<sup>st</sup> & 2<sup>nd</sup> (SK) & 2<sup>nd</sup> SK (SK) clear of cargo tanks.

Official No. 165433 ; Signal Letters  
Is bottom of vessel coated with cement Fore & After peak tanks only if not give particulars of composition Feed water & dry tanks in H.S. Coated with bituminous solution & enamel. No coating in main oil tanks or O.F. double bottom.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Feed water & O.F.	57.5	153	Fore peak tank,	25.25	151
Double bottom, under Engines and Boilers,			After peak tank,	18.0	136
Double bottom, if under Engines only,			Deep tank, aft, O.F. Cross bunker 43-48	12.5	770 (35)
Double bottom, if under Boilers only,			Deep tank, forward,	38.25	625
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(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. 5512

Date 10.3.36.

Dates of Surveys held while building

1936 Mar 9. 23. 27. 30 Apr 2. 5. 16. 22. 30 May 4. 5. 7. 11. 13. 15. 19. 21. 22. 27. 28. June 2. 4. 9. 11. 17. 23. July 1. 3. 7. 10. 13. 20. 23. 24. 27. 28. 29. Aug 4. 10. 13. 14. 20. 25. Sep 1. 2. 3. 4. 7. 10. 11. 14. 16. 18. 21. 28. Oct 7. 9. 16. 22. 23. 26. 27. 28. 29. 30. Nov 2. 3. 4. 5. 6. 9. 10. 11. 13. 16. 17. 18. 19. 20. 23. 24. 26. 30. Dec 1. 2. 14. 1937 Jan 4. Feb 5. 10. 12. 16. 17. 22. 23. 26. Mar 2. 5. 10. 11. 12. 15. 16. 18. 19. 22. 24.

Total No. of Visits 108