

## STEEL STEAMER or MOTORSHIP.

31 MAY 1929

Received at London Office

42205

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<sup>th</sup> May 1929 Port of Belfast No. 10,179

Survey held at Belfast Date First Survey 18<sup>th</sup> Dec. 1928 Last Survey 28<sup>th</sup> May 1929

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling. Carrying Petroleum in Bulk State Type of Erections Forecastle & Poop, Forecastle & Poop

TONNAGE under Tonnage Deck... 2228.69 CLASS + 100A1 State if with freeboard as condition of Class No Built at Belfast

Do. of space or spaces between Tonnage Dk. and Upper Dk. 100 Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 325 Launched 9<sup>th</sup> May 1929 Yard No. 863

Total 2228.69 Breadth (greatest moulded) 55 Builders Harland & Wolff Ltd.

Gross Tonnage 3045.96 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 16 Owners Lago Shipping Co. Ltd.

Register Tonnage 1631.34 1st Longitudinal Number (L x D) = 5200 Managers A. Weir & Co.  
(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Residence London

Length 325 Framing Depth "d," at middle of length. See Sec. 3 (1d) 14.25 Port of Registry London

Breadth 55.2 Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓ If surveyed while building, afloat, or in dry dock Yes

Depth 15.3 Draught Moulded 13'-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	24				Bracket Floors, Frame	✓			
" " from 1/2 length to Collision bulkhead	24				" " Reversed Frame				
" " in peaks	24				" " Vertical Struts				
SIDE FRAMING. in E & B Space & Pump Room	6	3	36		Centre Girder, depth and thickness amidships	✓			
Frame Amidships, Angle, <u>Equal</u> [ <u>Abreast</u> Oil..	6 1/2	3	42		" " top Angles				
" " Extends up to <u>Upper 7' side Dk. &amp; along to Poop Dk.</u>					" " bottom Angles				
" " Bottom to Shell. Angle <u>3 1/2 x 3 1/2 in oil.</u> 36 in wings.					Side Girders, No. each side and thickness	✓			
Reversed Frame Amidships, Angle <u>Flanged</u>					Margin Plate depth (excl. of flange) and thickness	✓			
" " Extends up to...	✓				" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem				
Depth of Framing Girder	6 1/2				" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem				
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [	✓				" " Gussets, spacing and scantling abaft 1/2 len. from stem				
" " Second 'tween Decks, Angle, [ or [	✓				" " Gussets, spacing and scantling forward 1/2 len. from stem				
" " Third " " "	✓				Tank Side Brackets, height above base line at toe of Frame and thickness	✓			
Framing in Peaks, Angle <u>Equal</u>	6	3	34		INNER BOTTOM PLATING.				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	4 1/2 in wing tanks			Breadth and thickness of Middle Line Strake	✓			
State if Frame Joggled	✓				Thickness of remainder in Holds	✓			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>14 x 30 web &amp; 9 x 36 side stringer with 6 x 3 x 3/8 plate &amp; 1 in of panting beams in peak.</u>				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?	<u>As approved.</u>			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<u>Double floor frames 2 extra intermediate strakes shell amidships thickness</u>				BEAMS.				
SINGLE BOTTOM.					Uppermost Continuous Deck, amidships	6	3	32	
Floors, Depth and thickness at mid-line in Holds	21	38 in oil	36 in wings		" " in way of Bridge, Angle, [ or [	✓			
Height of Brackets at side above base line at toe of frame		49			Spacing	24			
Middle Line Keelson, on Floors, Angle, [ or [	6 1/2	3	54		Second Deck, amidships, Angle, [ or [	✓			
" " Through Plate <u>Equal</u> Intercoastal Plate	42	44	38		Spacing				
" " Foundation Plate on Floors	✓				Third Deck, amidships, Angle, [ or [	✓			
" " Flat Plate Keel Angles	4	4	54		Spacing				
Side Keelsons, No. each side <u>One</u>					Fourth Deck, amidships, Angle, [ or [	✓			
" " thickness of Intercoastal Plate	38	7	36		Spacing				
" " Angles <u>to shell</u>	3 1/2	3	38		Poop Deck, Angle, <u>Equal</u> [	6	3	30	
" " Single B.A. on floors	6 1/2	3	54		" " 68-75	6	3	38	
DOUBLE BOTTOM.					" " 48-67	6 1/2	3	44	
Solid Floors, thickness and spacing	✓				Spacing	24			
" " Are Frame and Reversed Frame joggled?	✓				Longitudinal Trunk	6 1/2	3	36	
Bracket Floors, breadth and thickness at middle line	✓				Bridge Deck, Angle, [ or [	✓			
" " breadth and thickness at margin plate	✓				Spacing	24			
	✓				Forecastle Deck, Angle, [ or [	5 1/2	3	30	
	✓				Spacing	24			



## PILLARS AND DECKS.

[illegible]

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>NO.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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 .....	<del>44</del>	.74	.57	.57.	.68 to .52.	Double	1	4	4	1	3 $\frac{3}{4}$	<i>Lapped.</i>
„ DBLG. (if any)	<del>49</del> <del>47<math>\frac{1}{2}</math></del> 75	.54	.54 50 54 50	.42 .44 .44 .44	.50 to .40.	Double	3 $\frac{1}{4}$	3	3	3 $\frac{1}{4}$	2 $\frac{5}{8}$	<i>Lapped.</i>
BOTTOM PLATING, No. } of Strakes .....4.... }	62	.50	.40	.40		do.	3 $\frac{1}{4}$	3	3	3 $\frac{1}{4}$	2 $\frac{5}{8}$	do.
BILGE PLATING, No. of } Strakes .....1.... }	52	.48	.40	.40		Single	3 $\frac{1}{4}$	3	3	3 $\frac{1}{4}$	2 $\frac{5}{8}$	do.
SIDE PLATING, No. of } Strakes .....2.... }	55	.48	.40	.40		do.	3 $\frac{1}{4}$	3	3	3 $\frac{1}{4}$	2 $\frac{5}{8}$	do.
UPPER DECK, Sheer- } strake in Wells..... }	✓											
UPPER DECK, Sheer- } strake in Bridge ... }	✓											
STRAKE BELOW Sheer- } strake in Wells..... }	✓											
STRAKE BELOW Sheer- } strake in Bridge ... }	✓											
POOP SIDE PLATING .....	✓	✓	✓	.34		Single	3 $\frac{1}{4}$	3	Double	5 $\frac{7}{8}$	2 $\frac{3}{16}$	<i>Lapped.</i>
BRIDGE SIDE PLATING ...	✓											
FOREC'TLE SIDE PLATING	✓	✓	.38			Single	3 $\frac{1}{4}$	3	Double	5 $\frac{7}{8}$	2 $\frac{3}{16}$	<i>Lapped.</i>

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—										Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.				
Extending to Upper Deck (Sec. 3 c)																	
" Deck next below																	
As per Rule																	
		Plating Thickness.	STIFFENERS.						Stern Frame	Propeller Post	Rudder	Rudder—A x D.	Speed of Vessel	RUDDER mainpiece at head	" " heel	" how constructed	" double or single plate coupling, vertical or horizontal
			VERTICAL.		HORIZONTAL.												
			Scantlings.	Spacing.	Scantlings.	Spacing.											
MIDSHIP BULKH'D, Upper tween decks		✓															
"	" <del>Strong</del> In wings	32	10 x 3 1/4 x 44	24	✓	✓											
"	" <del>Thin</del> In oil tanks	38 1/2 x 30	6 x 3 x 40	23 1/2	2-15" S.B. Beams	U. Ok. Girder.											
Cofferdam	" Holds 7 x 4 1/2 x 7 1/2	38 1/2 x 30	6 x 3 x 40	23 1/2	Diaphragms												
COLLISION (in Hold)		40 1/2 x 30	7 x 3 x 38	24	1-27" S.B. Beams												
AFTER PEAK		38 1/2 x 30	6 x 3 x 34 1/2	24	W.T. Flat												
										KEEL, Bar	✓						
										STEM	Rolled	7 1/4 x 1 3/8	D. Colville Sons.				
										Stern Frame	Propeller Post						
										Rudder	Forging	7 1/4 x 2 3/8	Caledonian Forge Iron Co. Ltd.				
										RUDDER—A x D.	✓	535					
										Speed of Vessel	not exceeding	10 knots					
										RUDDER mainpiece at head	Forging	11 1/4 dia	Caledonian Forge Iron Co. Ltd.				
										" " heel	"	8 3/8 dia	Iron Co. Ltd.				
										" how constructed			Arms shrunk & keyed to mainpiece				
										" double or single plate			Single				
										" coupling, vertical or horizontal			Vertical				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth Process*  
*Platts & Angles. David Bealville & Sons.*  
Has the Steel been tested as required by the Rules? *Yes.*







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.)

1 Certificate for forgings, castings, derrick are forwarded herewith.  
The approved plans are in the London office.

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

1st Bower	30	2	9	incl. pins	K.H.	3936	27/5/26
2nd "	30	2	14	do.	M.B.	3890	17/6/28
3rd "	28	0	18	do.	M.B.	5922	16/11/28

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 68.6 ft., R.Q.D. ☒ ft., Longitudinal Trunk Bridge 220 ft., Forecastle 36.75 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) One Dk. (SK) 7 BH.

Official No. 161241 ; Signal Letters L.D.J.F. Is bottom of Vessel coated with cement ☒ in places if not give particulars of composition Bitumastie in E & B spaces, Cement in Peaks & Ballast Tanks, Paint in Pump Rm & Buoyancy space.  
Nothing in Cargo Tanks & Cofferdams.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	18.4	83
Double bottom, under Engines and Boilers,			After peak tank,	14.6	75
Double bottom, if under Engines only,			Deep tank, aft, p & s	72	776
Double bottom, if under Boilers only,			Deep tanks forward, p & s	104	1048
Double bottom, forward,			Other tanks, if fitted,		
			(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. 806

Date 17/12/28

Dates of Surveys held while building

1928 1929  
Dec 18. 21 Jan 15. 21. 22. 28. 31 Feb 4. 6. 7. 11. 13. 15. 19. 21. 25. 26. 28 Mar 4. 6. 7. 12. 14. 19  
22. 26. 28. 29 Apr 3. 4. 9. 12. 15. 17. 18. 23. 24. 25. 29 May 1. 2. 3. 4. 6. 7. 8. 14. 21. 24.  
26. 27. 28

Total No. of Visits 52