

## STEEL STEAMER or MOTORSHIP.

23 MAY 1929

Received at London Office

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 *22 May 1929*Port of *Belfast*No. *10.176*Survey held at *Belfast*Date First Survey, *13<sup>th</sup> Dec. 1928*Last Survey *17<sup>th</sup> May*19 *29*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Twin Screw*" *ULE* "

(Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling**Carrying Petroleum in Bulk*State Type of Erections *Profs, Forecastle & Longitudinal Trunk*TONNAGE under Tonnage Deck... *2228.69*CLASS *+ 100 A1*State if with freeboard as condition of Class *NO*Built at *Belfast*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 325*

FEET.

Breadth (greatest moulded) *B 55*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 16*1st Longitudinal Number (L x D) *= 5200*2nd Numeral L x (B + D) *= 23075*Framing Depth "d," at middle of length. See Sec. 3 (1d) *14.25*Proportions—Depth to Length—Uppermost continuous deck to top of keel *✓*Do. Long Bridge to top of keel *13.48*Draught Moulded *13'-6 1/4"*Launched *30<sup>th</sup> April 1929* Yard No. *862*Builders *Harland & Wolff Ltd.*Owners *Sago Shipping Co. Ltd.*Managers *A. Weir & Co.*

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

Residence *✓*Port of Registry *London*If surveyed while building, afloat, or in dry dock *yes*

## 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.
IES, Spacing amidships	✓	24			Bracket Floors, Frame	✓			
" from 1/2 length to Collision bulkhead	✓	24			" " Reversed Frame				
" in peaks	✓	24			" " Vertical Struts				
FRAMING. In E & B Space & Pump Room	6	3	36		Centre Girder, depth and thickness amidships	✓			
me Amidships, Angle, <i>✓</i> <i>Almost oil</i>	6 1/2	3	42		" " top Angles				
" Extends up to <i>Upper 7' side Dks &amp; ally to Poop</i>					" " bottom Angles				
" Bottom to Shell. Angles <i>3 1/2 x 3 1/2 in oil 36 in wings</i>	3 1/2	3	36		Side Girders, No. each side and thickness	✓			
Reversed Frame Amidships, Angle <i>flanged</i>	✓				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, <i>✓</i> or <i>✓</i>	✓				" " Gussets, spacing and scantling abaft 1/2 len. from stem				
" Second 'tween Decks, Angle, <i>✓</i> or <i>✓</i>	✓				" " Gussets, spacing and scantling forward 1/2 len. from stem				
" Third " " " "	✓				Tank Side Brackets, height above base line at toe of Frame and thickness	✓			
Timing in Peaks, Angle <i>✓</i>	6	3	34		INNER BOTTOM PLATING.				
Number and Spacing of Rivets through Frame and Shell Plating amidships	3/4	4 1/8	<i>in wings</i>		Breadth and thickness of Middle Line Strake	✓			
State if Frame Joggled	3/4	4 1/2	<i>in oil tanks</i>		Thickness of remainder in Holds	✓			
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	4 x 30 web & 9 x 36 side stringer with 6 x 3 x 3/4 face bar & 1/2" of <i>painting beams in peak</i>				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?				<i>As approved</i>
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double floor frames. 2 struts in intercostals. 2 struts shell amidship thickness				BEAMS.				
DOUBLE 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, <i>✓</i> or <i>✓</i>	✓			
Height of Brackets at side above base line at toe of frame	49				Spacing	✓	24		
Middle Line Keelson, on Floors, Angle, <i>✓</i> or <i>✓</i>	6 1/2	3	54		Second Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	✓			
" " " Through Plate <i>✓</i> or <i>✓</i>	42	44 to 38			Spacing				
" " " Intercoastal Plate	✓				Third Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	✓			
" " " Foundation Plate on Floors	✓				Spacing				
" " " Flat Plate Keel Angles	4	4	54		Fourth Deck, amidships, Angle, <i>✓</i> or <i>✓</i>	✓			
Double Keelsons, No. each side <i>One</i>					Spacing				
" thickness of Intercostal Plate	38	7	36		Poop Deck, Angle, <i>✓</i> or <i>✓</i>	6	3	30	
" Angles <i>to Shell</i>	3 1/2	3	38		" " <i>Frames 76-81 68-75 68-67</i>	6 1/2	3	38	
" " Single B.A. on floors	6 1/2	3	54		Spacing	✓	24		
DOUBLE BOTTOM.					Longitudinal Trunk	6 1/2	3	36	
Double Floors, thickness and spacing	✓				Bridge Deck, Angle, <i>✓</i> or <i>✓</i>	✓			
" " Are Frame and Reversed Frame joggled?	✓				Spacing	✓	24		
Bracket Floors, breadth and thickness at middle line	✓				Forecastle Deck, Angle, <i>✓</i> or <i>✓</i>	5 1/2	3	30	
" " breadth and thickness at margin plate	✓				Spacing	✓	24		



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS</b> , No. of Rows..... One. 5 to 6 frame spaces apart.		
" in 'tween Decks, Size and Spacing.....	✓	
" " " " "	✓	
" in Holds Double Channels. 9 + 4 + 4 = 17		
" " " " "		
<b>Longitudinal Bulkhead</b> . 15' 6" on side of C.L. Stiffeners and Spacing... 24" apart	6 3 .32	
Plating, thickness of { Below Deck .40 .38 .36 Above " .48 9 .44		
<b>STRINGERS AND DECKS.</b> <b>Uppermost Continuous Deck.</b> Stringer Plate, breadth and thickness in Wells 70 .44		
" " " " in way of Bridge ✓		
" Angle in Wells 5 5 .44		
Thickness of Plating abreast Deck openings) in way of Wells .....)	.44	
Thickness of Plating abreast Deck openings) in way of Bridge .....)	✓	
Thickness of Plating within line of openings... 30 at ends.		
If Sheathed, material and thickness .....	✓	
<b>Second Deck.</b> Stringer Plate, breadth and thickness in Wells...	✓	
Stringer Plate, breadth and thickness in way of Bridge .....)	✓	
Thickness of Plating abreast Deck openings) in way of Bridge .....)	✓	
Thickness of Plating within line of openings...	✓	
If Sheathed, material and thickness .....	✓	
<b>Third Deck.</b> Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....	✓	
If Plated, state thickness .....		
<b>Poop Deck.</b> Stringer Plate, breadth and thickness ..... 30 .32		
Plating, Sheathing, material and thickness ..... 30		
<b>Longitudinal Trunk</b> <b>Bridge Deck.</b> Stringer Plate, breadth and thickness..... 68 .64		
Plating, Sheathing, material and thickness ... 64		
<b>Forecastle Deck.</b> Stringer Plate, breadth and thickness ..... 30 .32		
Plating, Sheathing, material and thickness ... 30 40 under windlass.		

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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 .....	44	7/4	57	57	Approved 68 to 52	Double	1	4	4	1	3 3/4	Lapped
„ DBLG. (if any)	69 77 1/2 77 1/2 75	54	54 50 54 50	42 44 44 44	do 50 to 40	Double	3/4	3	3	3/4	2 3/8	do.
BOTTOM PLATING, No. of Strakes ..... 4.....	62	50	40	40		do.	3/4	3	3	3/4	2 1/8	do.
BILGE PLATING, No. of Strakes ..... 1.....	52	48	40	40		Single	3/4	3	3	3/4	2 1/8	do.
SIDE PLATING, No. of Strakes ..... 2.....	52 1/2	48	40	40		do	3/4	3	3	3/4	2 3/8	do.
UPPER DECK, Sheer-strake in Wells.....	55	48	40	40								
UPPER DECK, Sheer-strake in Bridge ...	✓											
STRAKE BELOW Sheer-strake in Wells.....	✓											
STRAKE BELOW Sheer-strake in Bridge ...	✓											
POOP SIDE PLATING .....	✓	✓	✓	3/4		Single	3/4	3	Double	5/8	2 3/16	Lapped.
BRIDGE SIDE PLATING ...	✓											
FOREC'TLE SIDE PLATING	✓	✓	38			Single	3/4	3	Double	5/8	2 3/16	Lapped.

## 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)	7					
" Deck next below	5					
As per Rule						

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second In Wings	32	6x3 1/4x44	24		
" " Third In Oil Tanks	38-30	6x3x40	23 1/4	2-15 "B Beams	
Cofferdam	38-30	6x3x40	23 1/4	U. Ok Girders & Diaphragms	
COLLISION	40-30	7x3x38	24	1-27 "B Beam	
AFTER PEAK	38-30	6x3x34	24	W.T. Flat	

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Rolled	7 1/4 x 1 7/8	D. Colville Sons	
STERN FRAME	Propeller Post			
	Rudder	Forging 7 1/4 x 2 7/8	Baldomian Forge Iron Co.	
RUDDER—A x D	✓	535		
Speed of Vessel	not exceeding	10 knots		
RUDDER mainpiece at head	Forging	11 1/2" dia	Baldomian Forge	
" " heel	"	8 3/4" dia	Iron Co.	
" how constructed	Amrs strunk &	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.*

Plates & Angles. David Colville Sons.

Has the Steel been tested as required by the Rules?

yes

Lloyd's Register  
Foundation







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 are herewith forwarded for forgings, castings & drawings.  
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	<i>30 - 2 - 7 incl. pins</i>	<i>M.B.</i>	<i>2932.</i>	<i>27/8/26.</i>
2nd "	<i>30 - 3 - 0 do.</i>	<i>K.H.</i>	<i>4072.</i>	<i>27/7/26.</i>
3rd "	<i>30 - 3 - 10 do.</i>	<i>K.H.</i>	<i>3207</i>	<i>13/11/24</i>

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *68.6* ft., R.Q.D. ☒ ft., <sup>LONGON TRUNK</sup> 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 (Stl) 7BH.*

Official No. *161239*; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement *Yes, in places* if not give particulars of composition *Bitumastie in E & B spaces. Cement in Peaks & Ballast Tanks. Paint in Pump Room & Buoyancy Spaces. Nothing in Cargo Tanks & Cofferdam.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<i>18.4</i>	<i>83</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>14.6</i>	<i>75</i>
Double bottom, if under Engines only,			Deep tank, aft, <i>Wine</i> <i>pys</i>	<i>72.0</i>	<i>776</i>
Double bottom, if under Boilers only,			Deep tanks forward, <i>Wine</i> <i>pys</i>	<i>104.0</i>	<i>1048</i>
Double bottom, forward,			Other tanks, if fitted, (If necessary, furnish further information by sketch.)		
Total capacity of double bottom					

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *805*

Date

*17-12-28*

Dates of Surveys held while building

*1928* *1929*  
*Dec 13. 14. 18 Jan 7. 9. 10. 15. 17. 18. 21. 22. 24. 28. 31 Feb 4. 6. 7. 8. 11. 13. 15. 19. 21. 25*  
*28 Mar 4. 6. 7. 12. 14. 15. 18. 19. 22. 26. 28. 29 Apr 3. 5. 9. 11. 12. 15. 18. 19. 22. 23. 24. 25*  
*27. 28. 29 May 2. 10. 14. 16. 17*

Total No. of Visits *50*