

STEEL STEAMER or MOTORSHIP

25 JUN 1927

DISCLOSED

SECTION

No. 810 A

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*

SECTION

No. 810 A

No. 9761

Date of completion of report *20th June 1927*Port of *Belfast*Survey held at *Belfast*Date First Survey *25th Jan'y 1927*Last Survey *17th June*

1927

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *Twin Screw "ICOTEA" (Machinery aft)*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *With Freeboard carrying Petroleum in bulk*State Type of Erections *Pop. Forecastle - longitudinal bulk*

TONNAGE under 1742.83

CLASS *+100A1*State if with freeboard as condition of Class *Yes*Built at *Belfast*

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

Total 1742.83

Gross Tonnage 2402.37

Register Tonnage 1241.75

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 305*Breadth (greatest moulded) *B 50*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15*1st Longitudinal Number (L x D) *= 4575*2nd Numeral L x (B + D) *= 19825*Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.25*Proportions—Depth to Length—Uppermost continuous deck to top of keel *20.33*Do. Long Bridge to top of keel *13.45*Draught Moulded *11'0"*Launched *26th May 1927* Yard No. *793*Builders *Harland & Wolff Ltd.*Owners *Lago 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, & 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.
Spacing amidships	24		Bracket Floors, Frame		
" from 1/4 length to Collision bulkhead	24		" " Reversed Frame		
" in peaks	24		" " Vertical Struts		
MINING. B.A. in way of Ballast Space	6 1/2 3 46		Centre Girder, depth and thickness amidships		
amidships, Angle, \angle or \square	6 3 36		" " top Angles		
" Extends up to	Upper Bk. 7' 6" alt. to Pop.		" " bottom Angles		
" Bottom to Shell	3 1/2 3 36		Side Girders, No. each side and thickness		
Frame Amidships, Angle, \angle or \square	3 3 36		Margin Plate depth (excl. of flange) and thickness		
" Extends up to			" " Vertical Angle to Tank side		
of Framing Girder	6 Ballast Space 6 1/2		" " Bracket abaft 1/4 len. from stem		
in Uppermost Continuous 'tween Decks, Angle, \angle or \square			" " Vertical Angle to Tank side		
" Second 'tween Decks, Angle, \angle or \square			" " Bracket forward 1/4 len. from stem		
" Third " " " "			" " Gussets, spacing and scantling		
g in Peaks, Angle or \angle	6 3 34		" " Gussets, spacing and scantling		
ter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 spaced 5/4		Tank Side Brackets, height above base line at toe of Frame and thickness		
Frame Joggled	Yes		INNER BOTTOM PLATING.		
G ARRANGEMENTS (Sec. 7), state system and particulars	13" Web. 6x3x34 angle side stringer, and one tier of Plating Beams in Peaks.		Breadth and thickness of Middle Line Strake		
THENING OF BOTTOM FOR RED. State Particulars	Double frames to floors & 2 extra intercostals. Midship thickness of shell maintained to Coll. B.H.		Thickness of remainder in Holds		
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?		
Depth and thickness at mid-line in Holds	21x36. Oil Tanks .38"		BEAMS.		
Height of Brackets at side above base line at toe of frame	48		Uppermost Continuous Deck, amidships	5 1/2 3 34	
Line Keelson, or Floors, Angles, \angle or \square	7 1/2 3 48		" " in way of Bridge, Angle, \angle or \square		
" " Through Plate	42 x 44		Spacing	24	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, \angle or \square		
" " Flat Plate Keel Angles	4 4 54		Spacing		
Keelsons, No. each side	One on long. B.H.		Third Deck, amidships, Angle, \angle or \square		
" thickness of Intercostal Plate	38 & 36		Spacing		
" Angles to Shell	3 1/2 3 38		Fourth Deck, amidships, Angle, \angle or \square		
" Single channel	6x3 1/2 x 3 1/2 x 48 F. 46 W.		Spacing		
DOUBLE BOTTOM.			Pop Deck, Angle, \angle or \square	6 1/2 3 44	
Floors, thickness and spacing			Spacing	24	
" Are Frame and Reversed Frame joggled?			LONG TRUNK		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, \angle or \square	6 1/2 3 36	
" " breadth and thickness at margin plate			Spacing	24	
			Forecastle Deck, Angle, \angle or \square	5 1/2 3 30	
			Spacing	24	

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SECTION
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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. <i>One Six frame spaces apart</i>			Stringer Plate, breadth and thickness in way of Bridge	✓	
" <i>in between Decks, Size and Spacing</i>			Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" <i>in Holds</i> <i>Double Channels 9x4x4x.62</i>			Thickness of Plating within line of openings	✓	
<i>Longe trunk</i> " " "			If Sheathed, material and thickness	✓	
<i>Centre Line Bulkhead. 14'6" each side per BA</i>			Third Deck.		
Stiffeners and Spacing <i>5 1/2 x 3 x 36 - 24</i>			Stringer Plate, breadth and thickness	✓	
Plating, thickness of <i>Below Deck. 40 - 38 Above 42 - 48</i>			If Plated, state thickness	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness in Wells <i>64x 40 1/2 - 36</i>			If Plated, state thickness	✓	
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells <i>5 5 40</i>			Stringer Plate, breadth and thickness	<i>28 x 32</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>40</i>		Plating, Sheathing, material and thickness <i>Steel 30</i>		
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.		
Thickness of Plating within line of openings	<i>30 at Ends</i>		Stringer Plate, breadth and thickness	<i>60 x 48</i>	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness <i>Steel 48</i>		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness	<i>28 x 32</i>	
			Plating, Sheathing, material and thickness <i>Steel 30 In way of Windlass 40</i>		

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <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	44	8 1/4 ✓	52	52		Double	1	4	4	1	3 1/2	Lapped	
„ DBLG. (if any)			✓										
BOTTOM PLATING, No. of Strakes <i>4</i>	66	3 at 54 1 at 52	42	42		Double	7/8	3 1/2	3	7/8	3 1/8	"	
BILGE PLATING, No. of Strakes	64 1/2	50	40	40	<i>batch certificate</i>	"	"	"	3	"	"	"	
SIDE PLATING, No. of Strakes	48	48	40	40		Single	3/4	3	3	3/4	2 5/8	"	
UPPER DECK, Sheer-strake in Wells.....	49	48	40	40					3	"	"	.	
UPPER DECK, Sheer-strake in Bridge ...													
STRAKE BELOW Sheer-strake in Wells.....													
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING		34				Single	3/4	2 1/2	2	5/8	2 1/4	Lapped	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING		34				"	"	"	2	"	"	"	

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *Seven*

" Deck next below

As per Rule *Five*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D , Upper tween decks					
Deep Tanks	✓	<i>32</i>	<i>9x3x50BA</i>	<i>25</i>	<i>None</i>
Second	✓	<i>30</i>	<i>6x3x36BA</i>	<i>31 1/2</i>	<i>None</i>
Third	✓	<i>38 1/2</i>	<i>30 6x3x30BA</i>	<i>22</i>	<i>15 Semi Box Beam</i>
Oil Bunkers	✓	<i>40 1/2</i>	<i>28 6 1/2 x 3 x 38BA</i>	<i>24</i>	<i>24</i>
COLLISION " (in Hold)	✓	<i>48 1/2</i>	<i>30 6x3x34BA</i>	<i>24</i>	<i>Lower Deck</i>
AFTER PEAK " " " "	✓				

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	<i>Forging</i>	<i>7 1/4 x 1 7/8</i>		
STERN FRAME { Propeller Post				
{ Rudder	"	<i>7 1/4 x 2 1/2</i>		
RUDDER—A x D		<i>442</i>		
Speed of Vessel		<i>9 knots</i>		
RUDDER mainpiece at head	<i>Forging</i>	<i>9 1/2</i>		
" " heel		<i>7 1/4</i>		
" how constructed	<i>Single Plate</i>	<i>Keyed arms</i>		
" double or single plate				
" coupling, vertical or horizontal	<i>Vertical</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

*S. Bolville, Beardmore, S.A. John Cocherill, Gutehoffnungshütte, Vereinigte Stahlwerke, ON Process*Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. <i>t.</i>										LETTER <i>t.</i>		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.			
42732	1st Bower ...	40	2	2	<i>Stockless</i>			36	2	2	0	42	Hall's type C.S. Head	R. Sykes & Son Ltd	Bradley Heath 25/4/27
42723	2nd „ ...	40	1	0	"			35	18	3	0	42	"	"	do S.C. Paul
42729	3rd „ ...	40	0	0	"			35	15	0	0	35½	"	"	do
	Collective weight.	120	3	2	✓			✓	✓ 119½ ✓						
42737	Stream	11	0	14	3	0	4	13	0	0	0		Rodgers' Long W.D. Anchor	"	Bradley Heath 27/4/27 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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
30813	240	1 1/16	63.25	88.5	425	1	7	425 1/4	240	1 1/16	Headlinks	R Sykes & Son Ltd	Cardiff 28/4/27 Adonez	TOWLINE	100	4	33	100	4
"	used in forming 2nd shackles				3	2	14	-						HAWSERS & WARPS	360	2 1/2	12 1/2	180	2 1/2
Iron Stream Chain or Steel Wire	75	1 1/4		35					75	1 1/4				"				180	2 1/4
														"					

Steering Gear, Steam *Harland & Wolff Wilson & Prie* Steering Gear, Hand *Relieving Tackle*

Boats *2 Lifeboats 1 Surfboat* Steering Chains, Size and Test ☒ Windlass *Emerson Walker Steam*

Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways.-(Upper Deck) *Ciltight covers* Thickness of Hatches ☒

Size of No. 1 Hatchway (Forward) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters ☒

For HARLAND AND WOLFF, LIMITED.
Builder's Signature *Chas Payne*

GENERAL DECLARATION *This vessel has been built in accordance with the plans approved by the Committee, the Secretary's letters, and in general conformity with the Rules. The workmanship & materials are good. The Cargo Oil Tanks, Boffordams, Ballast Tanks, Oil Fuel Bunkers & Peak Tanks have been tested as required by the Rules with satisfactory results. The weather Decks & W.I. Bulkheads have been hose tested & found satisfactory. Steering Gear, Windlass, Bilge Pumps & Hand pump have been tested under working conditions & found satisfactory. The Freeboard has been verified & cut in on the vessel's sides.*

The amount of Entry Fee £ *6 : 0 : 0* Fees applied for, *24 June 1927*

Special Survey Fee £ *292 : 13 : 0* Received by me, *28 27*

Freeboard *6 8 4*

Travelling Expenses, if any £ : : *19*

State whether the Vessel has been built under Special Survey *Yes* *666*

H.M. Signature *Walker Lang*

Certificate to be sent to *This Office Bel* Date of issue *3/8/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES 28 JUNI 1927*

Character assigned *+ 100A1 with Freeboard*

Carrying Petroleum in Bulk

Lloyd's A.C.P.

+ L.M.C. 6:27

Tested for Oil Fuel 6.27 J. Labore 1500

My



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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.)

Sister Vessel Belfast Rept No 9578 J.S.S. "Ambrosio"
Four forging & casting Reports & approved sketches of Machinery Section, Profile & Deck Plans are enclosed herewith, which, it is requested, may be returned to this office in order to deal with the sister Vessels.

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

1st Bower	(42732)	26. 0. 22	D.D.W.	6984	18. 3. 27
2nd "	(42723)	26. 1. 4	D.D.W.	6989	23. 3. 27
3rd "	(42729)	26. 0. 24	D.D.W.	6980	10. 3. 27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 66.6 ft., Longe Rumb Bridge 204 ft., Forecastle 34.4 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) 1 Deck (Steel) 7 B.A's

Official No. 149846 ; Signal Letters KW DQ
Is bottom of Vessel coated with cement Yes in places if not
particulars of composition Bitumastic in E & B Spaces. Cement in Peaks & Ballast Tanks. Paint in Pump Room & Buoyancy Spaces. Nothing in way of Cargo Tanks & Cofferdam

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—			•Length.	Water O	
Where Fitted.	•Length.	Water Capacity.	Where Fitted.	•Length.	Water O
	Feet.	Tons.		Feet.	To
Double bottom, aft,			Fore peak tank,		6
Double bottom, under Engines and Boilers,			After peak tank,	38	34
Double bottom, if under Engines only,			Wing Deep tanks aft, P.S.	40	2
Double bottom, if under Boilers only,			Wing Deep tanks forward, P.S.		No
Double bottom, forward,			Other tanks, if fitted,		Na
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.					

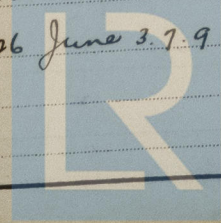
Order for Special Survey No. 764

Date

29th Jan'y 1927

Dates of Surveys held while building

1927.
Jan'y 25th. Feb'y 1. 3. 8. 15. 16. 17. March 3. 7. 8. 11. 14. 16. 18. 22. 25. 28. 29 April 4. 6. 7. 15. 21. 26.
May 2. 4. 6. 10. 11. 12. 13. 16. 18. 19. 23. 25. 26 June 3. 7. 9. 10. 13. 14. 17



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