

STEEL STEAMER or MOTORSHIP

30 SEP 1927

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report 27th September 1927 Port of Belfast No. 9828
Survey held at Belfast Date First Survey 3rd June 1927 Last Survey 21st September 1927
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin screw "ORANJESTAD" (machinery aft.)
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) With Freeboard "Carrying Petroleum in Bulk" State Type of Erections & Longitudinal Trunk Prop. Forecastle

TONNAGE under 1742.83
Tonnage Deck

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

Total 1742.83

Gross Tonnage 2395.65

Register Tonnage 1242.24

1241.75

REGISTERED DIMENSIONS.

Length 305.7
Breadth 50.25
Depth 14.3

CLASS *100A1

State if with freeboard as condition of Class

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"

Built at Belfast

Launched 1st September '27 Yard No. 809

Builders Harland & Wolff Ltd.

Owners Lago Shipping Co Ltd.

Managers A. Weir & Co

Residence

Port of Registry London

If surveyed while building, afloat, & in dry dock

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 1/4 length to Collision bulkhead	24		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
SIDE FRAMING. B.A. in way of Ballast Space	6 1/2 3 46		Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	6 3 36		" " top Angles		
" " Extends up to Upper Bk	3 1/2 3 36	Scale of & alt. Ins. to Prop.	" " bottom Angles		
" " Bottom to Shell angle	3 3 36		Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle, [or]	3 3 36		Margin Plate depth (excl. of flange) and thickness		
" " On floor for 3/4" angle	3 3 36		" " Vertical Angle to Tank side		
" " Extends up to...			Bracket abaft 1/4 len. from stem		
Depth of Framing Girder	6" Ballast Space		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling		
" " Third " " " "			abaft 1/4 len. from stem		
Framing in Peaks, Angle, [or]	6 3 34		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 Spaced 5 1/4		forward 1/4 len. from stem		
State if Frame Joggled	Yes.		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	13" web and 1/2" angle side stringer, and one tier of panting beams in peaks		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double frames to floor & two extra intercostals midship thickness of shell maintained to Coll. Bk		Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	21x36 Oil Tanks 38		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?		
Height of Brackets at side above base line at toe of frame	48		BEAMS.		
Middle Line Keelson, on Floors, Angles, [or]	7 1/2 3 48		Uppermost Continuous Deck, amidships	5 1/2 3 34	
" " Through Plate or Intercoastal Plate	42x44		" " in way of Bridge, Angle, [or]		
" " Foundation Plate on Floors			Spacing	24	
" " Flat Plate Keel Angles	4 4 54		Second Deck, amidships, Angle, [or]		
Side Keelsons, No. each side One r. on q.	B. 14		Spacing		
" " thickness of Intercostal Plate	38 & 36		Third Deck, amidships, Angle, [or]		
" " Angles To Shell	3 1/2 3 38		Spacing		
" " Single B.A. on floor	6 3 1/2 50		Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Poop Deck, Angle, [or]	6 1/2 3 44	
" " Are Frame and Reversed Frame joggled?			Spacing	24	
Bracket Floors, breadth and thickness at middle line			LONGITUDINAL TRUNK [6 1/2 3 36	
" " breadth and thickness at margin plate			Bridge Deck, Angle, [or]	24	
			Spacing		
			Forecastle Deck, Angle, [or]	5 1/2 3 30	
			Spacing	24	

W203-0243 1/2

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.....	One Row. Six frame spaces apart.		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		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds	DOUBLE CHANNELS 9x4x4x62	✓	Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
LONGITUDINAL Bulkheads, 14'-6" EACH SIDE C.L. Stiffeners and Spacing... 24" APART	5 1/2 3 36	✓	Third Deck. Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	BELOW DK. 40" 38" 36" ABOVE 42" 48"	✓	If Plated, state thickness.....		
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	64x40 to 36	✓	Fourth Deck. Stringer Plate, breadth and thickness.....	✓	
" " " " " in way of Bridge		✓	If Plated, state thickness		
" Angle in Wells	5 5 40	✓	Poop Deck. Stringer Plate, breadth and thickness	28x32	
Thickness of Plating abreast Deck openings in way of Wells	40		Plating, Sheathing, material and thickness	Steel 30	
Thickness of Plating abreast Deck openings in way of Bridge			LONGITUDINAL TRUNK. Stringer Plate, breadth and thickness	60x48	
Thickness of Plating within line of openings...	30" all round		Plating, Sheathing, material and thickness	Steel 48	
If Sheathed, material and thickness			Forecastle Deck. Stringer Plate, breadth and thickness	28x32	
Second Deck. Stringer Plate, breadth and thickness in Wells...	✓		Plating, Sheathing, material and thickness	Steel 30 In way of windlass 40	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? No.			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	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	84	52	52		Double	1	4	4	1	3 1/2 Lapped
" DBLG. (if any)		30 54									
BOTTOM PLATING, No. of Strakes	66	10 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		"	"	"	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						Single	3/4	2 1/2	2	5/8	2 1/4 Lapped
POOP SIDE PLATING				34							
BRIDGE SIDE PLATING						Single	"	"	2	5/8	2 1/4 Lapped
FORECASTLE SIDE PLATING			34								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— Seven					
Extending to Upper Deck (Sec. 3 c)					
" Deck next below					
As per Rule Five					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Upper tween decks					
DEEP TANKS	✓ 32	9x3x50BA	25"	None	
Second HOLD WING	✓ 30	6x3x36BA	31 1/2"		
Third OIL BUNKERS	✓ 38 To 30	6x3x30BA	22"	15" Semi Box Beam	
Holds					
COLLISION (in Hold)	40 To 38	6 1/2 x 3 x 34BA	24"	24"	24"
AFTER PEAK	48 To 30	6x3x34BA	24"	Lower Deck	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	✓	7 1/4 x 1 1/8		
STERN FRAME { Propeller Post	✓			
{ Rudder	Forging	7 1/4 x 2 1/2		
RUDDER—A x D		442		
Speed of Vessel		9 KNOTS		
RUDDER mainpiece at head	Forging	9 1/2		
" " heel		7 1/4		
" how constructed	Single Plate	Keyed arms		
" double or single plate 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)
 Bonsett Iron Co. Borman Long. Wm Beardmore & Co (O.H. Steel)
 Has the Steel been tested as required by the Rules? Yes.

D. Colville, Pease & Partners.

Lloyd's Register Foundation

EQUIPMENT No.										LETTER	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
42893	1st Bower	40	2	4	36	2	2	0	42		
42894	2nd "	40	2	0	36	2	2	0	42		
42895	3rd "	40	1	21	36	2	2	0	35½		
	Collective weight.	121	1	25					119½		
42878	Stream	11	1	7	2	3	21	13	5	0	0

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- Break- ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Ins.	Tons.	Length. Cir.
40394	240 1 3/8	63 1/2 88 1/2	431. 0. 21	425 1/4			240 1 3/8	Steel Link R. Sykes & Son Ltd		6.4.27/6/27 S.C. Paul.	TOWLINE	100	4	33	100 4
	Extra 4 joining 2 and 3 shackles		3. 2. 21.								HAWSERS & WARPS	360	2 1/2	12 1/2	180 2 1/2
Iron Stream Chain or Steel Wire	75 1/4	35					75 1/4								180 2 1/4

Steering Gear, Steam *Harland & Wolff Wilson Pirie* Steering Gear, Hand *Relieving Yacht.*

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) *Oil Tight 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 *John Morrison*

GENERAL DECLARATION This vessel has been built in accordance with the plans approved by the Committee, the Secretary's letter, and in general conformity with the Rules. The workmanship & materials are good. The Cargo Oil Tanks, Cofferdam, Ballast Tanks, Oil Fuel Bunkers & Peak Tanks have been tested as required by the Rules with satisfactory results. The weather decks & W. ? 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, *29th Sept 1927*

Special Survey Fee ... £ 292 : 13 : 0 Received by me, *15.10.27*

Freeboard 6 : 8 : 4

Travelling Expenses, if any £

I am of opinion the Vessel should be Classed *+100A1 with freeboard.*

State whether the Vessel has been built under Special Survey *Yes.* Signature *Walker Lang.*

Certificate to be sent to *This Office Belfast* Date of issue *17/10/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES. 4 OCT 1927*

Character assigned *+ 100 A1 With Freeboard*

Carrying Petroleum in Bulk.

Lloyd's A & C. P. + LMC 9:24 cr.

Fitted for Oil Fuel 9:27 F.P. above 150°

W203-0243 2/2



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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 the Plans should be embodied.)

Sister Vessel Belfast Rept no 9578 J. S. S. "Ambrosio"
Forging & Casting Reports are enclosed herewith
Midship Section Profile & Deck 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 (42893)	25 . 2 . 2	D.O.W.	7017	23.5.27
2nd „ (42894)	25 . 0 . 26	„	7029	30.5.27
3rd „ (42895)	25 . 0 . 11	„	7030	30.5.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 66.6 ft., Bridge 204 ft., Foremast (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.H.s.

Official No. 144907 ; Signal Letters K.W.M.R. Is bottom of Vessel coated with cement Yes in place
Particulars of composition Bitumastic in E&B spaces Cement in Peaks & Ballast Tanks Paint in Room Buoyancy spaces Nothing in way of cargo tanks & Cofferdam

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.
Double bottom, aft,			Fore peak tank,	
Double bottom, under Engines and Boilers,			After peak tank,	
Double bottom, if under Engines only,			Wing Deep tanks aft, P&S	38
Double bottom, if under Boilers only,			Wing Deep tanks forward, P&S	40
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.

Order for Special Survey No. 777

Date 17/5/27

Dates of Surveys held while building

1927
June 3. 6. 10. 13. 16. 20. 23. 25. 30 July 4. 6. 20. 28 Aug 1. 2. 3. 4. 5. 8. 12.
22. 23. 26. 29. 30 Sept 1. 5. 13. 16. 21

Lloyd's Register Foundation

Total No. of 10821