

STEEL STEAMER or MOTORSHIP.

2 DEC 1926

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 *1st Dec. 1926* Port of *Belfast* No. *9645*

Survey held at *Belfast* Date First Survey *16 Sept. 1925* Last Survey *1st Dec. 1926*

On the *(Ship or Machinery, etc. etc.)* *LLANDAFF CASTLE* *machinery amidships*

State Type *(Full, Compound, Composite, etc.)* *Full hull* State Type of Erections *Bridge & Mast*

TONNAGE under Tonnage Deck *9086.49* CLASS *100A1* State if with freeboard *yes* Built at *Belfast*

Do. of space or spaces between Tonnage Dk. and Upper Dk. *138.26* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 470.0* Launched *10 Aug. 1926* Yard No. *488*

Total *6949.63* Breadth (greatest moulded) *B 61.5* Builders *Warkman, Blunk & Co. Ltd.*

Gross Tonnage *10785.99* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 42.5* Owners *Union Castle Mail S.S. Co. Ltd.*

Register Tonnage *6562.94* 1st Longitudinal Number (L x D) *= 18917* Managers *(Where necessary to be entered in Reg. Book.)*

REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) *= 47822* Residence *London*

Length *471.2* Framing Depth "d" at middle of length. See Sec. 3 (1d) *13.52* Port of Registry *London*

Breadth *61.7* Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.06* If surveyed while building, afloat, or in dry dock

Depth *39.2* Draught Moulded *27'-2"* *Building*

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	33		Bracket Floors, Frame <i>AA</i>	6 3 1/2 38	
" from 1/2 length to Collision bulkhead	27		" " Reversed Frame <i>BA</i>	6 3 1/2 35	5 1/2 x 3 x 38
" in peaks	24		" " Vertical Struts <i>BA</i>	6 3 1/2 35	5 1/2 x 3 x 38
FRAMING.			Centre Girder, depth and thickness amidships	46 1/2 63	
Amidships, Angle, <i>E or F</i>	9 3 1/2 38		" " top Angles <i>double</i>	3 1/2 3 1/2 57	
" Extends up to <i>bridge deck</i>			" " bottom Angles <i>double</i>	6 5 67	
Reversed Frame Amidships, Angle	3 1/2 3 1/2 34		Side Girders, No. each side and thickness	2 45	
" Extends up to <i>4th deck and every 3rd 1/2 4th deck</i>			Margin Plate depth (excl. of flange) and thickness	39 57	
of Framing Girder	9		" " Vertical Angle to Tank side	3 1/2 3 1/2 49	
Decks in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	9 3 1/2 38		" " Bracket abaft 1/2 len. from stem <i>(where 3 decks)</i>	6 6 49	
" Second 'tween Decks, Angle, <i>E or F</i>	9 3 1/2 38		" " Vertical Angle to Tank side	6 6 49	
" Third " " " "	9 3 1/2 38		" " Bracket forward 1/2 len. from stem	6 6 49	
ing in Peaks, Angle or <i>C</i>	8 1/2 3 1/2 38		" " Gussets, spacing and scantling abaft 1/2 len. from stem	continuous 45	
eter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 at 6 dia		" " Gussets, spacing and scantling forward 1/2 len. from stem	continuous 46	
if Frame Joggled	yes		Tank Side Brackets, height above base line at toe of Frame and thickness	6-1 1/2 x 47	
ARRANGEMENTS (Sec. 7), state system and particulars	2 side stringers and 10 1/2 framing		INNER BOTTOM PLATING.		
THENING OF BOTTOM FOR- RD. State Particulars	6 x 6 x 49 frames extra intercostals inward shell		Breadth and thickness of Middle Line Strake	78 58	
BOTTOM.			Thickness of remainder in Holds	48 43	
Depth and thickness at mid-line in Holds			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?	yes	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Line Keelson, on Floors, Angles, <i>C or F</i>			Uppermost Continuous Deck, amidships in Wells, Angle, <i>C or F</i>	8 x 3 1/2 x 3 1/2 35	
" " Through Plate or Intercostal Plate			" " in way of Bridge, Angle, <i>C or F</i>	8 x 3 1/2 x 3 1/2 35	
" " Foundation Plate on Floors			Spacing	33	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, <i>C or F</i>	8 x 3 1/2 x 3 1/2 36	
Keelsons, No. each side			Spacing	33	
" thickness of Intercostal Plate			Third Deck, amidships, Angle, <i>C or F</i>	9 x 3 1/2 x 3 1/2 41	
" Angles			Spacing	33	
BOTTOM.			Fourth Deck, amidships, Angle, <i>C or F</i>	9 x 3 1/2 x 3 1/2 41	
Floors, thickness and spacing	45 99		Spacing	33	
" Are Frame and Reversed Frame joggled?	yes		Poop Deck, Angle, <i>C or F</i>	- - -	
Floors, breadth and thickness at middle line	2-1 1/2 x 45		Spacing	- - -	
" breadth and thickness at margin plate	2-1 1/2 x 45		Bridge Deck, Angle, <i>C or F</i>	8 x 3 1/2 x 3 1/2 35	
			Spacing	33	
			Forecastle Deck, Angle, <i>C or F</i>	10 x 3 1/2 x 3 1/2 44	
			Spacing	alternate	

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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.....	2					76	50	39	72 x 39
in/tween Decks, Size and Spacing.....	56 3/4	8 5/16				44	42		
" " " " " "	56 3/4	8 5/16							
" " " " " "	56 3/4	8 5/16							
in Holds									
" " " " " "									
Centre Line Bulkhead.									
Stiffeners and Spacing.....									
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	76	66	72 x						
" " " " in way of Bridge	77	45	69 x						
" Angle in Wells	6	6	66						
Thickness of Plating abreast Deck openings } in way of Wells			44						
Thickness of Plating abreast Deck openings } in way of Bridge			42						
Thickness of Plating within line of openings...	36	40	42						
If Sheathed, material and thickness	2 1/2								
Second Deck.									
Stringer Plate, breadth and thickness in Wells...	76	45	72 x						
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings } in way of Wells									
Thickness of Plating abreast Deck openings } in way of Bridge									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness									
Third Deck.									
Stringer Plate, breadth and thickness	65	46	40						
If Plated, state thickness.....									
Fourth Deck.									
Stringer Plate, breadth and thickness	69	32	51 x 34						
If Plated, state thickness.....									
Poop Deck.									
Stringer Plate, breadth and thickness									
Plating, Sheathing, material and thickness ...									
Bridge Deck.									
Stringer Plate, breadth and thickness.....	69	50	66 x						
Plating, Sheathing, material and thickness ...									
Forecastle Deck.									
Stringer Plate, breadth and thickness.....	36	38							
Plating, Sheathing, material and thickness ...									

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.	No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.						Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	55	87	77	77		D	1	3-7	4	1	4	Lapped
" DECK (if any)												
BOTTOM PLATING, No. of Strakes		69	53	53		D	7/8	3-3	4	7/8	3 1/2	"
BILGE PLATING, No. of Strakes		69	53	53		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes		66	50	50		"	"	"	3	"	3 1/8	"
UPPER DECK, Sheer-strake in Wells.....		117-9-66	50	50	(rule)	"	1	5	5-4	1	4 1/2	"
UPPER DECK, Sheer-strake in Bridge ...		66	-	-		"	7/8	3-3	5-4-3	7/8	3 1/8	"
STRAKE BELOW Sheer-strake in Wells.....		69	50	50		"	1	3-7	4	"	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge ...		66	-	-		"	7/8	3-3	4-3	7/8	3 1/8	"
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...	103"	5-8			fitted 62 1/2 69	"	7/8	3-3	3	7/8	3 1/8	"
FORECASTLE SIDE PLATING		44				S	"	3-3	1	"	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c).....	8			
" Deck next below				
As per Rule	8			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	26	5 x 3 x 34	28-30		
" " Second	31	6 x 3 x 32	"		
" " Third	34	6 x 3 x 30	30		
" " Holds	46-36	12 x 3 x 32	50-30		
COLLISION	55-36	7 x 3 x 42	24	3 semi 6-0	
AFTER PEAK	38-30	12 x 3 x 40	24	1 semi 6-0	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				
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.....				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth*
Steel Co of Scotland, Lanarkshire, W. Beardmore, South Durham, D. Colville, Dorman
Long, Mannesmannrohren-Werke, Guteshoffnungshutte.
Has the Steel been tested as required by the Rules? *yes.*

EQUIPMENT No. 52430										LETTER f +		ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, E.L. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
88518	1st Bower ...	86	1	0	Stockless			61	17	2	0	90	Halls C.S. Lead	H. Hingley	Wichiton 14/10/26 Green
88520	2nd " ...	86	0	21	"			61	17	2	0	90	"	"	"
88519	3rd " ...	83	3	10	"			61	10	0	0	77.5	"	"	"
	Collective weight.	258	1	3								257.5			
58662	Stream	34	0	0	"			31	12	2	0	33	Taylor's Duvalnt.	S. Taylor	Wilton 12/2/25 Drysdale

CHAIN CABLES.												HAWSERS AND WARPS.						
Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory, tons.	Break- ing, tons.	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.			Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	
29999	300	2 1/8	120.9	167 1/2	1117.2	2.21	1040.0	300	2 1/8	Stud	S. Taylor	Cardiff 29/9/26 Jones	Steel	300	5 1/2	88	300	6
80212	3 links	4 1/2	120.9	167 1/2	9.3	18	-	-	-	Open	H. Hingley	Wichiton 8/10/26 Green	Steel	4.100	3	18	4.100	2 3/4
See Stream Chain of Steel Wire	120	5		73				120	5 1/2	Steel								

Steering Gear, Steam *Hasties* Steering Gear, Hand *Tackles to Winches*

Boats *2 Launches 14 Life* Steering Chains, Size and Test *None* Windlass *Steam Reapers*

Ceiling in Holds, thickness and material *Bilges only 2 1/2 Pine* Cargo Battens, thickness, material and spacing *2 Pine 9" spacing*

Cargo Hatchways. (Upper Deck) *Steel coamings solid covers* Thickness of Hatches *2 1/2 x 3*

Size of No. 1 Hatchway (Forward) *15-9 x 14* No. 2 *24-9 x 14* No. 3 *19-3 x 14* No. 4 *19-3 x 14* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *Nº 1-3 and 4 each 2. Nº 2 = 4.*

PRO WORKMAN, CLARK & CO., LIMITED,
W. H. Hingley
 Builder's Signature ASSISTANT SECRETARY.

GENERAL DECLARATION *The materials and workmanship are good.*

This vessel has been built in accordance with the approved plans and
specifications, and otherwise in conformity with the Rules for the
class contemplated. The double bottom, Dry tank, Peaks, Decks, Lunnels, Bulkheads
W. T. doors, Pump, Ash shoot, have been tested to Rule. Davits tested.
Freeboard cut in and verified.

The amount of Entry Fee £ 12 : 0 : 0 } Fees applied for,
 Special Survey Fee £ 459 : 16 : 6 } *1st Dec 1926*
Freeboard 15 : 0 : 0 } Received by me, *18.12.26*
 Travelling Expenses, if any £ : : } *666*

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

State whether the Vessel has been built under Special Survey *yes*

Signature *G. D. Cusker*
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Belfast* Date of issue *26/12/26.*

Committee's Minute

TUES. 7 DEC 1926

Character assigned

100 A1 with Freeboard

Lloyd's A & C P
+ L.M.C. 12.26
C.L.
My



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Lloyd's Register
 Foundation

W193-0101(212)

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.)

Not a sister vessel.

The following plans are enclosed.

1. Section

2. Profile

3. Decks

4. Aft end framing

5. Planing

6. Deckhouses

7. Cargo hatches

8. E.B. Casings & bunkers

9. Strengthening of bottom for d.

10. Pillars & girders

11. Modified "

12. Alterations to aft hold.

13. Cargo doors

14. Deck plating at aft end.

15. Tunnel recess.

16. Pumping plans.

17. " valve.

18. Stern frame

19. Rudder

7 Certificates of forgings & castings.

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

1st Bower 52.1.24 KH 4182 24.9.26
2nd " 53.0.18 " 4181 "
3rd " 52.1.27 " 4183 "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 211.75 ft., Forecastle 64.5 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) 3 decks (Stn. within dh. ft. deck 5.)
4th deck (Stn.) in No. 1 & 2 & 4 holds

Official No. 149752 ; Signal Letters ☒

Is bottom of Vessel coated with cement ☒ Yes if not give

particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	107	253	Fore peak tank,	24	118
Double bottom, under Engines and Boilers,	—	—	After peak tank,	24	128
Double bottom, if under Engines only,	60.5	284	Deep tank, aft,	—	—
Double bottom, if under Boilers only, Dry 240 tons	49.5	—	Deep tank, forward,	—	—
Double bottom, forward,	188.0	644	Other tanks, if fitted,	—	—
Total capacity of double bottom		1181	(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. ☒

Date 23 Sept 25

Dates of Surveys held while building

1925.—Sept. 16. 17. 18. 21. 23. 24. 25. 28. 29. 30. Oct. 2. 5. 9. 12. 13. 14. 15. 16. 19. 23. 27. 28. 30. Nov. 2. 4. 5. 6. 9. 10. 11. 12. 13. 17. 18. 20. 23. 25. 26. 27. 30. Dec. 2. 4. 7. 9. 10. 11. 14. 15. 16. 17. 22. 23. 1926. Jan. 4. 5. 6. 7. 8. 11. 12. 13. 14. 15. 18. 19. 20. 21. 22. 25. 26. 27. 28. 29. Feb. 1. 2. 3. 8. 9. 10. 11. 12. 15. 16. 17. 18. 19. 22. 23. 24. 25. 26. Mar. 1. 2. 3. 4. 5. 8. 20. 21. 24. 25. 27. 28. June. 1. 2. 3. 4. 7. 8. 9. 10. 11. 14. 15. 16. 18. 21. 22. 23. 24. 25. 29. July. 20. 22. Total No. of Visits 218
26. 27. 28. 29. Aug. 2. 3. 4. 5. 6. 9. 10. 12. 13. 16. 17. 18. 20. 23. 25. 26. 27. 30. Sept. 1. 2. 3. 6. 8. 10. 14. 16. 17. 20. 21. 22. 23. 24. 28. 29. 30. Oct. 1. 4. 5. 7. 12. 13. 15. 25. 28. Nov. 1. 2. 3. 4. 9. 15. 16. 17. 19. 22. 23. 24. 25. Dec. 1.