

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 JUL 1925

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

13. 7. 25.

Port of

Glasgow

No. 44840

Survey held at

Glasgow

Date First Survey

23. 9. 19.

Last Survey

2. 7.

1925.

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

T.S.S. "ALANIA" 37922

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

SHELTER DK. WITHOUT TONNAGE OPENINGS

State Type of Erections Fore & Aft BRIDGE COMBINED

TONNAGE under Tonnage Deck...

8231.20

CLASS 3100 F.I.

State if with freeboard as condition of Class

1/25

Built at

Glasgow

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

2397.91

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 514.0

Breadth (greatest moulded)

B 65.0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 48.0

1st Longitudinal Number (B x D) 65 x 48 = 100

2nd Numeral L x (B + D) 514 x 113 = 57900

Framing Depth "d" at middle of length. See Sec. 3 (1d)

E.D.K. 22.7
F.D.K. 14.7

Proportions—Depth to Length—Uppermost continuous deck to top of keel

12.07

Do. Long Bridge to top of keel

10.12

Draught Moulded

31.11

Launched

1st 4. 1925

Yard No. 495

Builders

John Brown & Co. Ltd.

Owners

Cunard S.S. Co. Ltd.

Managers

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

Residence

Port of Registry

Liverpool

If surveyed while building, afloat, or 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	32	✓	Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	50 x 80	✓
Frame Amidships, Angle, <i>7 x 3 1/2 x 50</i>	<i>7 x 3 1/2 x 50</i>	✓	" " top Angles <i>double</i>	<i>3 1/2 x 3 1/2 x 58</i>	✓
" " Extends up to <i>Intermediate frame 4 x 3 1/2 x 50 above B.D.K.</i>	<i>4 x 3 1/2 x 50</i>	✓	" " bottom Angles <i>double</i>	<i>5 x 5 x 64</i>	✓
" " <i>NO 31, 24, 34, 40, 50</i>	<i>5 x 3 1/2 x 44</i>	✓	Side Girders, No. each side and thickness	2	✓
Reversed Frame Amidships, Angle, <i>10 x 4 x 50</i>	<i>10 x 4 x 50</i>	✓	Margin Plate depth (excl. of flange) and thickness	42 x 56	✓
" " <i>NO 4, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50</i>	<i>5 x 3 1/2 x 44</i>	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>3 1/2 x 3 1/2 x 52</i>	✓
" " <i>NO 5, 6, 7, 8, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51</i>	<i>10 x 3 1/2 x 44</i>	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>3 1/2 x 3 1/2 x 52</i>	✓
Depth of Framing Girder	10	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>continuous plate</i>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <i>7 x 3 1/2 x 50</i>	<i>7 x 3 1/2 x 50</i>	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>50 x 42</i>	✓
" " Second 'tween Decks, Angle, <i>10 x 3 1/2 x 44</i>	<i>10 x 3 1/2 x 44</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	6.10	✓
" " Third " " " " " " " " " " " "	<i>10 x 3 1/2 x 44</i>	✓	INNER BOTTOM PLATING.		
Framing in Peaks, Angle, <i>10 x 3 1/2 x 44</i>	<i>10 x 3 1/2 x 44</i>	✓	Breadth and thickness of Middle Line Strake	50 x 50	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1" 3/4 - 6 x 7 diam	✓	Thickness of remainder in Holds	50 + 08 under hatches	✓
State if Frame Joggled	<i>Yes</i>	✓	Kule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>Yes</i>	✓
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Reverse frames increased in size - 2 plating stringers 2 x 3/4 x 50 per approved plan</i>	✓	BEAMS. <i>C.D.K.</i>		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double frames extra intermediate, shell increased 2 x 3/4 x 50 per approved plan</i>	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>C or F</i>	<i>8 x 3 x 3 x 44 x 50</i>	✓
ANGLE BOTTOM.			" " in way of Bridge, Angle, <i>C or F</i>	<i>8 x 3 x 3 x 44 x 50</i>	✓
Floors, Depth and thickness at mid-line in Holds			" " Spacing	<i>32 x 27</i>	✓
Height of Brackets at side above base line at toe of frame			<i>D.D.K.</i>		
Middle Line Keelson, on Floors, Angles, <i>C or F</i>			Second Deck, amidships, Angle, <i>C or F</i>	<i>8 x 3 x 3 x 44 x 50</i>	✓
" " " Through Plate or Intercoastal Plate			" " Spacing	<i>32 x 27</i>	✓
" " " Foundation Plate on Floors			<i>E.D.K.</i>		
" " " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>C or F</i>	<i>9 x 3 x 3 x 37 x 50</i>	✓
Side Keelsons, No. each side			" " Spacing	<i>32 x 27</i>	✓
" " thickness of Intercoastal Plate			<i>F.D.K.</i>		
" " Angles			Fourth Deck, amidships, Angle, <i>C or F</i>	<i>9 x 3 x 3 x 37 x 50</i>	✓
DOUBLE BOTTOM.			" " Spacing	<i>32 x 27</i>	✓
Solid Floors, thickness and spacing	<i>50 32 x 27</i>	✓	Poop Deck, Angle, <i>C or F</i>		✓
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>	✓	" " Spacing		✓
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, <i>C or F</i>	<i>8 x 3 x 3 x 37 x 50</i>	✓
" " breadth and thickness at margin plate			" " Spacing	<i>32 x 27</i>	✓
			Forecastle Deck, Angle, <i>C or F</i>	<i>8 x 3 x 3 x 37 x 50</i>	✓
			" " Spacing	<i>32 x 27</i>	✓

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.....	3.		✓ Stringer Plate, breadth and thickness in way of Bridge	52x46	✓
„ in 'tween Decks, Size and Spacing.....	Obtain about 4 frame spaces 5" to 6 1/2" as per approved plans		✓ Thickness of Plating abreast Deck openings in way of Wells	36	✓
„ „ „ „ „			✓ Thickness of Plating abreast Deck openings in way of Bridge	36	✓
„ in Holds „ „	Wide space between pillars with bulkhead as per approved plans		Thickness of Plating within line of openings...	36	✓
Centre Line Bulkhead.			If Sheathed, material and thickness	2" Magnesian	
Stiffeners and Spacing.....	Size & spacing as per approved plans		Third Deck.		
Plating, thickness of	30		Stringer Plate, breadth and thickness.....	52x46	✓
STRINGERS AND DECKS.			If Plated, state thickness.....	36-30	✓
Uppermost Continuous Deck. E.O.K.-			F.O.K.-		
Stringer Plate, breadth and thickness in Wells	52x74	✓	Fourth Deck.		
„ „ „ „ in way of Bridge	52x52	✓	Stringer Plate, breadth and thickness.....	52x40	✓
„ Angle in Wells	6x6x78	✓	If Plated, state thickness	30	✓
Thickness of Plating abreast Deck openings in way of Wells	36x44	✓	Poop Deck.		
Thickness of Plating abreast Deck openings in way of Bridge	36x44	✓	Stringer Plate, breadth and thickness		
Thickness of Plating within line of openings...	44	✓	Plating, Sheathing, material and thickness ...		
If Sheathed, material and thickness	2" Magnesian & 3" P. Pine	✓	B.O.K.-		
Second Deck. O.O.K.-			Bridge Deck & Forecastle Combines		
Stringer Plate, breadth and thickness in Wells...	52x52	✓	Stringer Plate, breadth and thickness.....	72x70	✓
			Plating, Sheathing, material and thickness	Steel 50-20 2" Magnesian & 3" P. Pine	✓
			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....		See Bridge etc.
			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.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	55	1.26	.96	.96	✓	Double	1 1/4	4 1/2	3R	1 1/4	4 3/8	Double Straps	
„ DBLG. (if any)	none						1	3 1/2	4R	1	4	Lapped	
BOTTOM PLATING, No. of Strakes ...5.....)		.52	.54	.54	Upper edge of H. & K. Strakes								
BILGE PLATING, No. of Strakes .....6.....)		.78	.54	.54	360 riveted in fore & aft bodies as per approved plan								
SIDE PLATING, No. of Strakes .....6.....)		.78	.50	.50	✓								
C.O.K. UPPER DECK, Sheer- strake in Wells.....)		.78			✓								
B.O.K. UPPER DECK, Sheer- strake in Bridge ...)	58	.90			✓					1	4		
STRAKE BELOW Sheer- strake in Wells.....)	54	.78			✓	Single	7/8	3 1/2		1	4		
STRAKE BELOW Sheer- strake in Bridge ...)	✓	Bottom plating increased in thickness for 4' on stringframe:-											
POOP SIDE PLATING	✓												
on B.O.K.- BRIDGE SIDE PLATING ...		.40			✓	Single	3/4	3 1/4	2R	3/4	2 7/8	Lapped-
FORECASTLE SIDE PLATING		See B. deck sheer strake below:-											

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)		9			
Deck next below		1 + Collision Bulkhead to B. Aft			
As per Rule		Approved as above -			
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	.28	5x3x40L	2'-8"	"	"
" " Second "	.32-30	6x3x36L	2'-8"	"	"
" " Third "	.36-34	7x3x42L	2'-8"	"	"
" " Holds .....	.46-38	11x3 1/2 x 54L 24"	2x4 1/2 x 54L 24"	2x4 1/2 x 54L 24"	2x4 1/2 x 54L 24"
COLLISION " (in Hold) .....	.56-28	10 1/2 x 3 1/2 x 52L 24"	2x4 1/2 x 52L 24"	Below C. deck	Below C. deck
AFTER PEAK " As per approved plans .....	.56-28	10 1/2 x 3 1/2 x 52L 24"	2x4 1/2 x 52L 24"	Below C. deck	Below C. deck

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat plate keel -			
STEM	upper part rolled with 3/4" bolts			
STERN FRAME {	Propeller Post			
	Rudder „	Cast Steel to pattern S.H.C. of Scotland		
RUDDER—A x D	874	✓		
Speed of Vessel	15	✓		
RUDDER mainpiece at head	Forged 14 1/2	✓	Denny's	
„ heel ...	10 1/2	✓	Large	
how constructed	cross struts on main piece			
double or single plate coupling, vertical or horizontal	Single plate 1.16 thick			

STEEL.

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

Daniel Colville Sons -

Has the Steel been tested as required by the Rules?

Yes

EQUIPMENT No. 60495										LETTER 67		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.			
83611	1st Bower ...	116	2	18	"	"	"	78	12	2	0		Taylor Stockton S. Taylor	hull. 8.7.20	H. Green
83612	2nd ,, ...	115	3	7	"	"	"	73	5	0	0	340 1/2	"	"	"
83615	3rd ,, ...	115	2	9	"	"	"	73	5	0	0		"	"	"
	Collective weight.	347	3	25								340 1/2			
	Stream	None (appended) -											These anchors have forged heads.		

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.	Statury.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Fathoms.					Ins.	Fathoms.		Ins.	Fathoms.	Ins.
23376	170	2 3/4	12	12	576	1	7	330	2 3/4	12	Brown.	Caniff 18/12/20	TOWLINE	120	6	85	120	6
23418	180	"	"	"	684	3	14	330	2 3/4	12	Donner.	" 24/21 5 Rm.	HAWSERS / & WARPS	4 @ 120	8	18	120	3
Low Stream Chain of Steel Wire	130	7						130	7	F.S.M.				1 @ 120	10	hamilla		
														" @ 120	8	*		

Steering Gear, Steam *Victor Electric Hydraulic* Steering Gear, Hand *Comenius*

Boats *24 lifeboats* Steering Chains, Size and Test *none* Windlass *Harfield's Patent*

2 motor boats

Ceiling in Holds, thickness and material *2 1/2 R. Pine* Cargo Battens, thickness, material and spacing *6 x 2 spaced 6 apart*

Cargo Hatchways.-(Upper Deck) *Slit 22' long on weather cleat* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *13' 6" x 12' 0"* No. 2 *15' 9" x 12' 0"* No. 3 *16' 0" x 12' 0"* No. 4 *16' 0" x 12' 0"* No. 5 *10' 8" x 16' 0"* No. 6 *13' 4" x 12' 0"*

Number of Shifting Beams and/or Fore and Afters *No. 1, 2, 3, 4, 6 x 7 = 2 Webs - No. 5 = 1 Web - No. 6 = 1 Web -*

John Brown & Company, Limited

Builder's Signature

John Brown & Company, Limited
Glasgow Secretary.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans & Secretary's letters & in other respects in accordance with the old rules for the class contemplated. The construction is of a high standard. Provision has been made for carrying oil fuel for ships and in properly constructed tanks in the double bottom under No. 3 & 4 holds & section 49 of the rules has been complied with so far as they apply. No. 2 hold & No. 1 & 2 lower tween decks have been insulated & fitted for carrying frozen or chilled cargo. The tanks, coxles, bulkheads, funnels & S. doors have been tested as required by the rules. The fireboard marks have been scripted & cut in on the vessel's sides.

The amount of Entry Fee £ 12 : 0 : 0 Fees applied for, 8.7. 1925.

Special Survey Fee.... £ 500 : 7 : 6 Received by me, 15-7-1925

Freelance

Travelling Expenses, if any £ 15 : 0 : 0

I am of opinion the Vessel should be Classed *B100AL SHELTER DK WITH FREEBOARD - FITTED FOR OIL FUEL FR ABOVE 150°F 7.25*

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

Certificates to be sent to *GLASGOW* Date of issue *16/7/25*

Signature *Stanley Rowntree*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 14 JUL 1925*

Character assigned *+100AL*

Shelter DK with fr. 7.25

Lloyds Atok + LMC 7.25 70 Fitted for oil fuel 7.25 F.P. above 150°F.



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Lloyd's Register Foundation

W293-0030 2/2

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.)

Plans sent under separate cover—

- 1 Plan Midship section
- 1 " Profile
- 1 " Keel
- 1 " Shaft Bracket
- 1 " Box Frame
- 1 " Packing arrangements
- 1 " Stem bar
- 1 " Shaft tunnel & flat
- 1 " Ventilation in E-2 hold & 1st lower tween deck
- 1 " Moat crigging
- 1 " Emergency doors
- 1 " 3 Pl. riveted beams of shell
- 2 " Repair photo
- 3 " Pumping arrangements
- 3 " Oil Bunkers
- 5 " Scupper & discharges
- 3 " Deck plans
- 2 " Bulkhead plans
- 4 " Pillar & girders
- 1 " House on A Deck
- 2 " Superstructure
- 1 " Midship Section as built

38 plans

— 8 Forging & Casting Certificates —

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

1st Bower

2nd "

3rd "

} These anchors have forged heads

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Bridge Forecastle combined 425.0

No. and Material of Decks (this information is to be given as it should appear in the Register Book).

2. 1st (S.H.) & Shell (H.C.) (H.C. U.S.) 3rd Deck in hold for 1. 2. 3.

Official No. 147315 : Signal Letters

Is bottom of Vessel coated with cement ✓ if not

particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft,	133.33	442	Fore peak tank,	27.0	106
Double bottom, under Engines and Boilers,	93.33	495	After peak tank,	21.50	47
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	50.66	147
Double bottom, forward,	220.50	990	Other tanks, if fitted,		
Total capacity of double bottom 1927			(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. 5306

Date 12.12.19

Dates of Surveys held while building

1919. Sept. 23. Nov. 11. 20. 24. 1920. Mar. 24. 29. Apr. 7. 12. 21. June 14. 21. July 1. Aug. 17. 24. Sept. 7. 14. 20.
Oct. 7. 13. 18. 20. Nov. 19. 11. 22. 28. 29. Dec. 2. 7. 13. 21. 28. 1921. Jan. 11. 24. 31. Feb. 2. 9. June 21.
1922. July 4. 1924. Apr. 14. 15. 16. May 1. 19. 21. 22. 30. June 4. 16. 17. 24. 28. Aug. 6. 13. 21. 28. 29. Sept. 9. 16. 19. 22.
Oct. 1. 2. 8. 14. 17. 20. 29. 31. Nov. 5. 6. 7. 12. 13. 14. 15. 19. 21. 25. 28. Dec. 1. 5. 8. 11. 16. 18. 22. 1925. Jan. 7. 8. 12. 15. 16. 21.
Feb. 2. 5. 16. 17. 18. 25. Mar. 5. 6. 10. 12. 19. 24. 30. Apr. 2. 8. 17. 23. 29. May 17. 24. 31. 18. 26. June 8. 12. 15. 19. 22. 28. 29. July 2.

Total No. of Visits 12

Has the Steel been tested as required by the Rules? Yes