

STEEL STEAMER or MOTORSHIP.

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 *July 17th 1926*Port of *Sunderland*No. *29298*Survey held at *Sunderland*Date First Survey *11th Sept*Last Survey *10th July**1926*On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) *Single screw**Cairnesh*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Complete Superstructure with Tonnage opening*State Type of Erections *See on C.S. Sk*TONNAGE under Tonnage Deck... *4486.67*CLASS *100 A1*State if with freeboard as condition of Class *yes*Built at *Sunderland*Do. of space or spaces between Tonnage Dk. and Upper Dk. *KOP*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 400.0*Launched *14 April 1926* Yard No. *216*

Total

Breadth (greatest moulded) *B 55.0*Builders *Wm Pickersgill & Sons Ltd*Gross Tonnage *5006.56*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 36.75*Owners *The Cairn Line Steamships Ltd*Register Tonnage *3014.57*1st Longitudinal Number (L x D) *= 14700*Managers *Cairns Noble & Co Ltd*

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

REGISTERED DIMENSIONS.

FEET.

Length *401.8*Breadth *55.3**26.3*Framing Depth "d," at middle of length. See Sec. 3 (1d) *16.6*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.73*Do. Long Bridge to top of keel *✓*Draught Moulded *25'-3 1/4"*Residence *Atkinside House, Newcastle on Tyne*Port of Registry *Newcastle on Tyne*

If surveyed while building, afloat, or in dry dock

Building 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.
acing amidships <i>15%</i>	27			Bracket Floors, Frame	✓		
from $\frac{1}{2}$ length to Collision bulkhead	18			" " Reversed Frame	✓		
in peaks	at 24" for 18"			" " Vertical Struts	✓		
NG.				Centre Girder, depth and thickness amidships	43	56	
ships, Angle, E or C	7	3 1/2	39	" " top Angles	6	6	54
Extends up to	upper + 2 nd dk alternately			" " bottom Angles	6	6	60
ame Amidships, Angle	4	3 1/2	39	Side Girders, No. each side and thickness	one	42	
Extends up to	3 rd dk			Margin Plate depth (excl. of flange) and thickness	36	54	
aming Girder	7			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 1/2	3 1/2	44
Uppermost Continuous 'tween Decks, Angle, E or C	7	3 1/2	39	" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3 1/2	3 1/2	44
Second 'tween Decks, Angle, E or C	3 1/2	3 1/2	46	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	3 1/2	3 1/2	44
Third " " " "	✓	✓	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	3 1/2	3 1/2	44
Peaks, Angle or C	with addl 7" 3 1/2	49		Tank Side Brackets, height above base line at toe of Frame and thickness	6	0 1/2	
and Spacing of Rivets through Shell Plating	7/8	5 1/2	4 1/2	INNER BOTTOM PLATING.			
me Joggled	no			Breadth and thickness of Middle Line Strake	52 1/2	52	
FRANGEMENTS (Sec. 7), state system and particulars	Int. Stingers, frame modulus increased and strengthened for ice			Thickness of remainder in Holds	44	to 40	
NING OF BOTTOM FOR	Single framing = to double, addl. intercostals + midship thickness bottom plating maintained.			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		(Owners) Tank Top ER 58 " BR 64
State Particulars				BEAMS.			
th and thickness at mid-line in Holds				Uppermost Continuous Deck, amidships in Wells, Angle, E or C	7 1/2	3	375 15'3" span
ght of Brackets at side above base line at toe of frame				" " in way of Bridge, Angle, E or C	3	3	38
Keelson, on Floors, Angles, C or C				Spacing	24		where chilled meat carried
" Through Plate or Intercostal Plate				Second Deck, amidships, Angle, E or C	8	3	375 15'3" span
" Foundation Plate on Floors				Spacing	24		
" Flat Plate Keel Angles				Third Deck, amidships, Angle, E or C	8	3	375 15'3" span
ms, No. each side				Spacing	27		
thickness of Intercostal Plate				Fourth Deck, amidships, Angle, C or C	✓		
Angles				Spacing	✓		
OTTOM.				Poop Deck, Angle, C or C	✓		
rs, thickness and spacing	42, 24, 24, 18			Spacing	✓		
Are Frame and Reversed Frame joggled?	no			Bridge Deck, Angle, C or C	✓		
loors, breadth and thickness at middle line	✓			Spacing	✓		
breadth and thickness at margin plate	✓			Forecastle Deck, Angle, E or C	7	3	35 10'3" span
				Spacing	18		

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	Three	
B-line Upper in between Decks, Size and Spacing.....	" dia. 3x2½, all beams app'd 6x30 to 40	
Quarter " " wide spaced. (dia)	8x30 to 40	
B-line " 2nd " " " "	3¾ x 3" dia, 5"	
Quarter " " " wide spaced (dia)	7½ x 40 to 12 x 48 as app'd.	
Quarter in Holds " " (dia)	12½ x 54 10	
" " " " "	14 x 58	
Centre Line Bulkhead.		
Stiffeners and Spacing.....	s 7 to 10 10½ 3½ 52 5 3 41	
Plating, thickness of	@ 4'-0" + 4'-6" + as app'd. 30	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	58½ x 59 to 40 app'd 55 to 38	
" " " " in way of Bridge	✓	
" Angle in Wells	5 5 55	
Thickness of Plating abreast Deck openings in way of Wells	41 to 40 app'd 41 to 36	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
If Sheathed, material and thickness	700	
Second Deck.		
Stringer Plate, breadth and thickness in Wells....	44½ x 40 to 36	
Stringer Plate, breadth and thickness in way of Bridge	✓	
Thickness of Plating abreast Deck openings in way of Wells	40 to 32 app'd 36 to 32	
Thickness of Plating abreast Deck openings in way of Bridge	✓ ✓ ✓	
If Sheathed, material and thickness	700	
Third Deck.		
Stringer Plate, breadth and thickness.....	44½ 37	
If Plated, state thickness.....	32, 36 over D.T. app'd 30 and 36 40 Cross bunker	
Fourth Deck.		
Stringer Plate, breadth and thickness.....	✓	
If Plated, state thickness	✓	
Roop Deck.		
Stringer Plate, breadth and thickness	✓	
Plating, Sheathing, material and thickness ...	✓	
Bridge Deck.		
Stringer Plate, breadth and thickness.....	✓	
Plating, Sheathing, material and thickness ...	✓	
Forecastle Deck.		
Stringer Plate, breadth and thickness.....	35 straight 40 app'd 36	
Plating, Sheathing, material and thickness ...	40 app'd 34 + 36 5 x 3 P.P.	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>yes</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	51½	77	67	67		Double	1	3¼	Four	1	4	Lapped	
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes ...H.....)	71½	59	59	59	appd 49 aft.	Double	7/8	3¾	Three	7/8	3/8	Lapped.	
BILGE PLATING, No. of Strakesone.....)	70½	59	88	51		"	"	"	"	"	"	"	
SIDE PLATING, No. of StrakesH.....)	77+76	63	{ 32-88 12-50 }	50	appd 59. 88. 46 <i>2 F A</i>	"	"	3" x 3½"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells.....)	71	68	50	50	appd 64, 46, 46	"	"	3¾	Four	"	3½	"	
UPPER DECK, Sheer- strake in Bridge ...)													
STRAKE BELOW Sheer- strake in Wells.....)	71	65	50	50	appd 61, 46, 46	Double	7/8	3¾	Four	7/8	3½	Lapped.	
STRAKE BELOW Sheer- strake in Bridge ...)													
POOP SIDE PLATING	The bilge strake & next 3 strakes of side plating												
BRIDGE SIDE PLATING ...	above increased to 88 for ice strengthening fore.												
FOREC'TLE SIDE PLATING				42		Single	¾	3	Single	¾	25/8	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) /									
,, Deck next below 5 and 1 to 3 ^d dk (deep tank)									
As per Rule 6. (2 hold blds + deep tank bld) Corrugated									
		Plating Thickness.	STIFFENERS.						
			VERTICAL.		HORIZONTAL.				
			Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKHEAD, Tween decks...									
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	"							
"	"	Holds	✓ 49-30	[12×3½×3½×52 @ 36	-	-			
"	"	(in Hold)	✓ 50-34	[10×3½×50 @ 24 S.B.B.	one				
"	"	AFTER PEAK	75 1/8-34	[6×3×40 @ 24	w.t. flat + recess flat				

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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.)

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

1st Bower 39.1.11. M.B. 2156. 29.10.24.
2nd „ 39.2.4. M.B. 2098. 3.10.24.
3rd „ 33.0.25. K.H. 3726. 17.12.25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 48.5 on shelter dk.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 dks (Stl) and shelter dk (Stl). 3 tiers of beams.

Official No. 149412 ; Signal Letters If bottom of Vessel has been coated Inside yes
particulars of composition Portland Cement.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Cap.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	130.5	472.83	Fore peak tank,	22.33	106.
Double bottom, under Engines and Boilers,	42.95	213.40	After peak tank,	18.0	51.
Double bottom, if under Engines only,	—	—	Deep tank, aft,	33.75	863.
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	170.0	644.82	Other tanks, if fitted,	—	—
Total capacity of double bottom		1331.05	(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. 5600

Date 29.8.25.

Dates of Surveys held while building

1925. Sep. 11. 15. 30. Oct. 2. 9. 12. 13. 14. 15. 16. 19. 21. 23. 26. 27. 28. 29. 30. Nov. 2. 5. 10. 17. 19. 23. 26. 27. Dec. 1. 2. 3. 4. 7. 8. 9. 10. 11. 14. 15. 16. 18. 21. 23. 24. 30. 31. 1926. Jan. 4. 5. 6. 7. 11. 12. 13. 15. 16. 18. 22. 25. 26. 27. 29. Feb. 1. 2. 3. 4. 8. 9. 12. 15. 16. 17. 19. 22. 24. 25. 26. Mar. 1. 3. 5. 8. 10. 11. 12. 16. 18. 23. 25. 29. 30. 31. Apr. 1. 7. 8. 9. 12. 13. 14. 16. 17. 19. 20. 21. 27. May 4. 20. 26. 27. 31. June 2. 3. 14. 16. 17. 18. 22. 25. 28. 29. 30. July 1. 2. 5. 6. 7. 9. 10

Total No. of Visits