

Awwing or Shelter Deck,

or Pt. Awwing Deck.

STEEL STEAMER.

No. 42003.

Port of Glasgow

Date of completion of Report 12th June 1922

State if Report is also sent on the Machinery of the Vessel Yes

Received at London Office 14th JUN 1922

Survey held at Dalmuir

Date, First Survey 20th Jan'y 1919

Last Survey 9th June 1922

On the (State if new, renewed, altered)

T.S.S. TYRRHENIA

Rig Schooner

TONNAGE under Tonnage Deck... 9333.78

CLASS 100 H.I. (Shelter Dk. with fuel tank)

Do. between Tonnage Dk. and 3rd, 4th, or Awwing Dk. 2812.92

Breadth (greatest moulded) 70.0

Total under Upper Dk. 12146.70

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 42.75

Do. of Poop ✓

Deduct height of 'tween deck when this does not exceed 8ft. 134.75

Do. of R. Qr. Dk. ✓

Transverse Number 104.78

Do. of Bridge House upper 1401.85

Length on deck from fore part of stem to after part of sternpost 1551.1

Do. of Forecastle 1680.43

Longitudinal Number 57728

Do. of Houses on Deck 1013.57

Depth "d" at middle of length. See Secs. 2 & 13. 14.0 x 22.0

Do. of excess of Hatchways ✓

Proportions, Depth to Length, Uppermost Continuous Deck at side to top of keel 12.9

Do. above Crown of Engine Room ✓

" " Upper Deck at side to top of keel 15.9

Gross Tonnage 16242.85

Destined Voyage Montevideo New York

Less Crew Space 1199.87

Register Tonnage 9645.34

Less above Crown of Engine Room ✓

Net Tonnage 5197.71

Less Navigation Spaces 199.93

Net Tonnage 199.93

Master ✓

Year of Appointment 1922

(1) As Master in service of owner of present vessel - 100%
(2) As Master of this vessel - 100%

Built at Dalmuir

When built 1922 Launched 31st May 1920

By whom built Wm Beardmore & Co Ltd

Owners The Cunard Steamship Co Ltd

Managers ✓

Residence Liverpool

Port belonging to Liverpool

If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Pl. 551 BREADTH Moulded 70 DEPTH, ACTUAL - Top of Floors to top of Awwing or Shelter Dk. Beams 38 Upper Deck Beams 30 No. of Decks with flat laid 3 No. of Tiers of Beams 3

Ship per Register, 38.8 Awwing or Shelter Dk. Moulded depth, ft. 42 ins. 9 To Awwing or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 4 ins
Length 552.8 breadth 70.4 depth 30.3 Upper Deck. Moulded depth, ft. 34 ins. 3 To Upper Dk.

FRAMING.				PILLARS.			
Pl.	Ins.	Pl.	Ins.	Pl.	Ins.	Pl.	Ins.
Pl. 1	32	Pl. 2	32	Pl. 1	32	Pl. 2	32
Pl. 3	32	Pl. 4	32	Pl. 3	32	Pl. 4	32
Pl. 5	32	Pl. 6	32	Pl. 5	32	Pl. 6	32
Pl. 7	32	Pl. 8	32	Pl. 7	32	Pl. 8	32
Pl. 9	32	Pl. 10	32	Pl. 9	32	Pl. 10	32
Pl. 11	32	Pl. 12	32	Pl. 11	32	Pl. 12	32
Pl. 13	32	Pl. 14	32	Pl. 13	32	Pl. 14	32
Pl. 15	32	Pl. 16	32	Pl. 15	32	Pl. 16	32
Pl. 17	32	Pl. 18	32	Pl. 17	32	Pl. 18	32
Pl. 19	32	Pl. 20	32	Pl. 19	32	Pl. 20	32
Pl. 21	32	Pl. 22	32	Pl. 21	32	Pl. 22	32
Pl. 23	32	Pl. 24	32	Pl. 23	32	Pl. 24	32
Pl. 25	32	Pl. 26	32	Pl. 25	32	Pl. 26	32
Pl. 27	32	Pl. 28	32	Pl. 27	32	Pl. 28	32
Pl. 29	32	Pl. 30	32	Pl. 29	32	Pl. 30	32
Pl. 31	32	Pl. 32	32	Pl. 31	32	Pl. 32	32
Pl. 33	32	Pl. 34	32	Pl. 33	32	Pl. 34	32
Pl. 35	32	Pl. 36	32	Pl. 35	32	Pl. 36	32
Pl. 37	32	Pl. 38	32	Pl. 37	32	Pl. 38	32
Pl. 39	32	Pl. 40	32	Pl. 39	32	Pl. 40	32
Pl. 41	32	Pl. 42	32	Pl. 41	32	Pl. 42	32
Pl. 43	32	Pl. 44	32	Pl. 43	32	Pl. 44	32
Pl. 45	32	Pl. 46	32	Pl. 45	32	Pl. 46	32
Pl. 47	32	Pl. 48	32	Pl. 47	32	Pl. 48	32
Pl. 49	32	Pl. 50	32	Pl. 49	32	Pl. 50	32
Pl. 51	32	Pl. 52	32	Pl. 51	32	Pl. 52	32
Pl. 53	32	Pl. 54	32	Pl. 53	32	Pl. 54	32
Pl. 55	32	Pl. 56	32	Pl. 55	32	Pl. 56	32
Pl. 57	32	Pl. 58	32	Pl. 57	32	Pl. 58	32
Pl. 59	32	Pl. 60	32	Pl. 59	32	Pl. 60	32
Pl. 61	32	Pl. 62	32	Pl. 61	32	Pl. 62	32
Pl. 63	32	Pl. 64	32	Pl. 63	32	Pl. 64	32
Pl. 65	32	Pl. 66	32	Pl. 65	32	Pl. 66	32
Pl. 67	32	Pl. 68	32	Pl. 67	32	Pl. 68	32
Pl. 69	32	Pl. 70	32	Pl. 69	32	Pl. 70	32
Pl. 71	32	Pl. 72	32	Pl. 71	32	Pl. 72	32
Pl. 73	32	Pl. 74	32	Pl. 73	32	Pl. 74	32
Pl. 75	32	Pl. 76	32	Pl. 75	32	Pl. 76	32
Pl. 77	32	Pl. 78	32	Pl. 77	32	Pl. 78	32
Pl. 79	32	Pl. 80	32	Pl. 79	32	Pl. 80	32
Pl. 81	32	Pl. 82	32	Pl. 81	32	Pl. 82	32
Pl. 83	32	Pl. 84	32	Pl. 83	32	Pl. 84	32
Pl. 85	32	Pl. 86	32	Pl. 85	32	Pl. 86	32
Pl. 87	32	Pl. 88	32	Pl. 87	32	Pl. 88	32
Pl. 89	32	Pl. 90	32	Pl. 89	32	Pl. 90	32
Pl. 91	32	Pl. 92	32	Pl. 91	32	Pl. 92	32
Pl. 93	32	Pl. 94	32	Pl. 93	32	Pl. 94	32
Pl. 95	32	Pl. 96	32	Pl. 95	32	Pl. 96	32
Pl. 97	32	Pl. 98	32	Pl. 97	32	Pl. 98	32
Pl. 99	32	Pl. 100	32	Pl. 99	32	Pl. 100	32



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EQUIPMENT No. 67291. LETTER *Kf* ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.	lbs.		
* 83337	1st Bower	138	2	25	Stockless			80	13	3	0				Taylor & Son	Ketherton 17/5/20 H Green
83350	2nd "	138	1	2	"			80	13	3	0				"	" 18/5/20 H Green
83341	3rd "	119	0	7	"			74	15	0	0				"	" 18/5/20 H Green
84350	Collector's weight	396	0	6								389	0	0		
	Stream															
	Kedge															

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE			Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.			Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		
			Supplied.	Per Rule.	Tested.					Length.	Cir.	Ins.		Length.	Ins.	Ins.
69235	165 2 1/2	195 1/2	715 0 25	1000 0 0	330 2 1/2	Stanthelm & Hingley	Stanthelm & Hingley	Ketherton 24/7/20	TOWLINE SW	140	7 1/2	128	140	7 1/2		
69264	165 2 1/2	"	714 2 19	1000 0 0	"	"	"	3/7/20 H Green	HAWSESWARPS	50 120	8	Manila	50 120	8		
										SW 40 120	8	29				
										SW 120	11	45.3				

Boats 32 lifeboats 4 collapsible
Pumps, Number Two see letter on Cameronia
Windlass is Steam by Harfield & Co. Blyden & Tyne
Engine Room Skylights.—How constructed? Steel plates rafter
Coal Bunker Openings.—How constructed? Steel plates rafter
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 scuppers P.T.S. Freeing ports CD* + 2 BD*
Celling in Holds, thickness and material No. 1-2-4 & 6 2 1/2" R.P.
Cargo Hatchways.—How formed? Steel plates rafter
State size No. 1 Hatch (Forward) 18' x 14' No. 2 Hatch 18' 0" x 14' 0" No. 3 Hatch 11' 11" x 14' 0" No. 4 Hatch 15' 0" x 14' 0"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1-2 Three No. 3-4 5-6-7 Two
No. of Breasthooks 3 No. of Crutches Deep floors
Bulwarks, height above deck and description see steel plates
Main Rail and Stays, material and size 7 x 2 1/2" bar 5 x 4 1/2" T bar
The foregoing is a correct description.
Builder's Signature (three only) J. D. Cairns
Surveyor's Signature R. D. Cairns
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

Secretary's letters of various dates

Workmanship. Are the butts of plating planed or otherwise fitted? planed

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

to plate, &c., conform well to each other? Yes

from the faying surfaces? Yes

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

Do any rivets break into or through the seams or butts of the plating? a few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes

State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.) Workmanship good throughout

This Steel Twin Sc. Steamer has been built in accordance with the approved plans, Secretary's letters

of various dates & in general conformity with the Rules for the Class contemplated

This vessel is constructed for carrying oil fuel in the double bottom from Coll. B.H. & aft end of Boiler

Room. All the double bottom tanks, peak tanks & deep tanks have been tested as required by the

Rules with the varying heads of water as laid down therein, the requirements of Sec. 49 of the Rules

have been complied with F.P. of oil about 150°F.

This vessel is a sister vessel to the T.S.S. "Cameronia" the same Builders No 584 Gls. F.E. Rpt. No

40971.

On 8th & 10th April 1922 the vessel was examined in Dry Dock & the bottom & rudder found in good

condition & no sign of any deterioration

4 Casting & 1 Forging Rpt. Plan of Midship Section Profile as built & 52 app. plans herewith.

The Builders desire the date of build should be June 1922 & in view of the vessel's condition when examined

in dry dock this in my opinion merits the favourable consideration of the Committee (See over).

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee £ 12 : 0 : 0

Special Survey Fee £ 528 : 1 : 0

Travelling Expenses, if any £ 15 : 0 : 0

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100 A.1 (Shelter D* with flgd) fitted for oil

With, or without Freeboard, as condition of Class with

Fees applied for,

10-6-1922

Received by me,

14-6-1922

Certificate to be sent to Glasgow, Date of Issue 15/6/22

R. D. Cairns
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned :- 100 A.1.

Shelter Dk. with fgd

6.22

Lloyds A & CP

+ LMC 6.22 7D

Fitted for oil fuel 6.22 J.A. above 150°F.

Record date of build

6.22.

Lloyd's 15/6/22



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GENERAL REMARKS—(continued).

On Sat 10th June while leaving Messrs Beardmore's Basin this vessel lost her Starboard Bower Anchor, a new Anchor was obtained & placed on board, particulars as follows

No of Cert.	Wt in stock	Wt of stock	Length	Description	Where & when tested	Super
84350.	137.3.7	Stockless	80.7.2.0	Halls Stockless R. Hingley Sons	Nottingham 15/11/20	H.

As soon as the Anchor which was lost in the Builders Basin is recovered the same will be forwarded.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., ^{✓ R.E.} Bridge [✓] on Shell [✓] Forecastle ☒ (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 2nd Stl - Shell & Stl (Stl - pl. H.S.) 3rd Stl (Stl in holds)

Official No. 145943. ; Signal Letters ☒ State if Machinery is fitted aft ☒ ho.

How are the surfaces preserved from oxidation? Inside Cement & paint clear of oil tanks (pl. Am.) Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, F.W.	137.5	421.	Fore peak tank, F.W.		71.
Double bottom, under Engines and Boilers, F.W.	47.5	263	After peak tank, J.W.		102.
Double bottom, if under Engines only, F.W.	72.5	478	Deep tank, aft, Reserve Oil Fuel	45.0	1516.0
Double bottom, if under Boilers only, J.W.	203.5	1056	Deep tank, forward, F.W. tanks at funnel sides	80.0	421.
Double bottom, forward, J.W.	461. ft.	Total capacity of double bottom 2218.	Other tanks, if fitted, (If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules ☒ Yes.

Order for Special Survey No. 5295

Date 17. 7. 1919

No. 557 In builder's yard.

Days of Surveys held while building
1919 Jan 20. 24. 29 Feb 19. 26. 28 Mar 4. 6. 12. 18. 24. 27. 31 Apr 4. 24 May 28 Jun 5. 9. 12. 17. 26 July 3. 9 Aug 19. 26. 30 Oct 14. 21
Nov 4. 10. 13. 14 Dec 1. 3. 5. 10. 19 1920 Jan 18. 20. 29 Feb 10. 13. 19. 23. 26 Mar 2. 4. 9. 16. 22. 28. 30 Apr 1. 6. 20. 27. 29 May 4. 11. 14. 21
Jun 8. 1921 Feb 8. 16. 22 Mar 3. 7 Jun 8 Sep 15 Oct 21 Nov 15. 22. 30 1922 Jan 10 Feb 1. 3. 9. 16. 23. 28 Mar 7. 22. 27 Apr 5. 8. 10. 24. 28 May 1. 8. 10 Jun 5. 7. 9.

Total No. of Visits 97

Surveyor's Signature

F.D. Cairns



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