

STEEL STEAMER or ~~MOTORSHIP~~

APR 26 1939

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 **22ND APRIL 1939** Port of **GREENOCK** No. **20424**Survey held at **PORT GLASGOW** Date First Survey **1ST JUNE 1938** Last Survey **20TH APRIL 1939**On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **SINGLE SCREW STEAMER** **"ADVISER"** MACHINERY AMIDSHIPS.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **FULL SCANTLING** State Type of Erections **POOP, BRIDGE & FORECASTLE**TONNAGE under Tonnage Deck... **5853.03** CLASS **100 A.I.** State if with freeboard as condition of Class **No** Built at **PORT GLASGOW**Do. of space or spaces between Tonnage Dk. and Upper Dk. **✓** Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) **L 441.75** Launched **FEBRUARY 23RD 1939** Yard No. **917**Total **✓** Breadth (greatest moulded) **B 56.25** Builders **LITHGOWS LIMITED**Gross Tonnage **6348.03** Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 32.16** Owners **THE CHARENTE STEAMSHIP CO LTD**Register Tonnage **3885.72** 1st Longitudinal Number (L x D) **= 14206.68** Managers **T & J HARRISON**

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

2nd Numeral L x (B + D) **= 39055.11**

REGISTERED DIMENSIONS.

Length **445.5** Framing Depth "d," at middle of length. See Sec. 3 (1d) **17.5** Residence **LIVERPOOL**Breadth **56.5** Proportions—Depth to Length—Uppermost continuous deck to top of keel **13.73** Port of Registry **LIVERPOOL**Depth **29.65** Draught Moulded **25'-7³/₄"** If surveyed while building, afloat, or in dry dock **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	27	✓	Bracket Floors, Frame	B.A. 8 3¹/₂ .35	✓
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	27	✓	" " Reversed Frame	B.A. 7 3 .39	✓
" " in peaks.....	24	✓	" " Vertical Struts	CHAN. 11 x 3¹/₂ x 3¹/₂ .46	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44 x .54	✓
Frame Amidships, Angle, E or C	10 3¹/₂ .42	✓	" " top Angles	3¹/₂ 3¹/₂ .52	✓
" " Extends up to	SECOND DECK	✓	" " bottom Angles	4 4 .58	✓
Reversed Frame Amidships, Angle	✓	✓	Side Girders, No. each side and thickness	ONE @ .39	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	37 x .52	✓
Depth of Framing Girder.....	10	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3¹/₂ x 3¹/₂ x .42	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	8 3¹/₂ .36	✓	" " Vertical Angle to Tank side Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area	3¹/₂ x 3¹/₂ x .42	✓
" " Second 'tween Decks, Angle, C or E	✓	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....	40 EVERY FRAME 6-7/8 RIVETS	✓
" " Third " " " "	11 x 3¹/₂ x .42 BA	✓	" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area.....	41 EVERY FRAME 7-7/8 RIVETS	✓
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	11 x 3¹/₂ x .48 BA	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	67 x .45	✓
" " in Peaks, Angle, C	8 3¹/₂ .38	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 SPACED 6¹/₄	✓	Breadth and thickness of Middle Line Strake	52¹/₄ x .50	✓
State if Frame Joggled	YES EXCEPT AT ENDS.	✓	Thickness of remainder in Holds .....	.42 - .38	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and as approved?	YES	✓	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.	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and as approved?	YES.	✓	BEAMS.		
INGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or C	8 3¹/₂ .42	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or C	8 3¹/₂ .51	✓
Height of Brackets at side above base line at toe of frame			Spacing	27	✓
Middle Line Keelson, on Floors, Angles C or E			Second Deck, amidships, Angle, C or E	8 3¹/₂ x 3¹/₂ x .44 / 12 x 3¹/₂ x 3¹/₂ x .54 / 60	✓
" " Through Plate or Intercostal Plate			Spacing	27¹/₄ 54"	✓
" " Foundation Plate on Floors			Third Deck, amidships, Angle, C or E	✓	✓
" " Flat Plate Keel Angles			Spacing	✓	✓
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, C or E	✓	✓
" " thickness of Intercostal Plate			Spacing	✓	✓
" " Angles			Poop Deck, Angle, E or C	6 3 .41	✓
DOUBLE BOTTOM.			Spacing	27	✓
Solid Floors, thickness and spacing	40 EVERY 3RD FRAME	✓	Bridge Deck, Angle, E or C	8 3 .35	✓
" " Are Frame and Reversed Frame joggled?	YES	✓	Spacing	27	✓
Bracket Floors, breadth and thickness at middle line	3'-9" x .39	✓	Forecastle Deck, Angle, E or C	8 3 .35	✓
" " breadth and thickness at margin plate	2'-9" x .39	✓	Spacing	27	✓

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	TWO ROWS IN NOS 1, 3 & 5 HOLDS ONE ROW IN NO 2 HOLD TWO ROWS IN ALL TWIN DECKES			Stringer Plate, breadth and thickness in way of Bridge	48 x 44.	✓	
.. in 'tween Decks, Size and Spacing.....	WIDE SPACED PILLARS & GIRDERS IN HOLDS & TWIN DECKES. SEE APPROVED PLAN FOR SCANTLING			Thickness of Plating abreast Deck openings in way of Wells	40	✓	
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge	36	✓	
" in Holds " "				Thickness of Plating within line of openings...	40	✓	
" " " " "				If Sheathed, material and thickness	NOT SHEATHED.	✓	
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	✓			Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of	✓			If Plated, state thickness.....	✓		
STRINGERS AND DECKES.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	60" x 1-10			If Plated, state thickness	✓		
" " " " in way of Bridge	60 x 41			Poop Deck.			
" Angle in Wells	7 7 .95			Stringer Plate, breadth and thickness	37 x 36	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	.68			Plating, Sheathing, material and thickness	30 COVERED WITH BITUMASTIC DR COVERING 2" THICK	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	.36			Bridge Deck.			
Thickness of Plating within line of openings...	.44 - .34.			Stringer Plate, breadth and thickness.....	64 x 50	✓	
If Sheathed, material and thickness	NOT SHEATHED. DR IN WAY OF ACCOMMODATION COVERED WITH 2" BITUMASTIC			Plating, Sheathing, material and thickness	44. SHEATHED IN WAY OF ACCOMMODATION UNDER BOAT DR.	✓	
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	48 x 44.	✓		Stringer Plate, breadth and thickness.....	35 x 36	✓	
				Plating, Sheathing, material and thickness	34 SHEATHED UNDER WINDLASS ONLY	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <u>No</u>			BUTTS. <u>AMIDSHIPS</u>			
	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	51	.82	.72	.72		DOUBLE.	1"	3 7/8	✓ FOUR	1"	4"	LAPPED
" <u>DRIG (if any)</u>	THREE STRAKES OF BOTTOM SHELL PLS FROM 1/2 LENGTH					TO COLLISION B ND		.70	✓			
BOTTOM PLATING, No. of Strakes {		.63	.48	.50		DOUBLE	7/8	3 3/8	✓ FOUR.	7/8	3 1/2	LAPPED.
BILGE PLATING, No. of Strakes {		.63	.48	.50	* BUTTS WELDED & TREE RIVETTED BUTTSTRAPS FITTED AMIDSHIPS ON INSIDE ON STRAKE ABOVE BILGE	-Do-	7/8	3 3/8	✓ FOUR.	7/8	3 1/2	---
SIDE PLATING, No. of Strakes {		.62	.46	.46		-Do-	7/8	3 3/8	✓ THREE. *	7/8	3 1/2	---
UPPER DECK, Sheer-strake in Wells.....	62	.95	.46	.46		-Do-	1	3 7/8	✓ FIVE.	1	4 1/2	---
UPPER DECK, Sheer-strake in Bridge ...	62.	.62				-Do-	7/8	3 3/8	✓ THREE.	7/8	3 1/8	---
STRAKE BELOW Sheer-strake in Wells.....	78	.78	.46	.46		-Do-	7/8	3 3/8	✓ FOUR.	1	4	---
STRAKE BELOW Sheer-strake in Bridge ...	78	.62				-Do-	7/8	3 3/8	✓ THREE	7/8	3 1/8	---
POOP SIDE PLATING .....				.40		SINGLE	7/8	3 3/8	✓ ONE	7/8	3 1/8	---
BRIDGE SIDE PLATING ...		.61				DOUBLE	7/8	3 3/8	✓ FOUR	7/8	3 1/2	---
FORE'C'TLE SIDE PLATING			.42			SINGLE	7/8	3 3/8	✓ ONE	7/8	3 1/8	---

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— EIGHT *7/3H in RB*
 Extending to Upper Deck (Sec. 3 c) SEVEN ✓
 „ Deck next below ONE ✓
 As per Rule SEVEN ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	UPPER ROLLED 10x2 5/8			
STERN FRAME { Propeller Post LOWER FORGING				
{ Rudder	NONE			
Speed of Vessel		14 1/2 KNOTS		
RUDDER—Type		BALANCED STREAMLINER		
" A x D		395		
" Diam. of head		10 1/2		
" Mainpiece at top pintle		14"		
" " heel		12" SQUARE		
" how constructed		DOUBLE PLATE BUILT RUDDER WITH FORGED MAINPIECE & CAST STEEL NOSEPIECE.		
" double or single plate		DOUBLE PLATE 50 THICK		
" coupling, vertical or horizontal		NO COUPLING		
Open (state process of manufacture)		OPEN HEARTH		

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD, Upper tween decks		28-26	6 x 3	30 BA	29½	✓	✓
"	" Second	"					
"	" Third	"					
"	" Holds 119	41-30	11 x 3½	43 BA	29"	W.T. FLAT &	
COLLISION	" (in Hold)	52-31	10 x 3½	40 BA	24"	SEMI-BOX BEAMS.	
AFTER PEAK	"	75-30	7 x 3	33 BA	24"	TUNNEL RECESS.	

STEEL. COLVILLES, STEEL CO OF SCOTLAND, LANARKSHIRE.

Has the Steel been tested as required by the Rules? YES. ✓

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.)

Plans of vessel as built, approved plans, forging reports & steel invoices are forwarded to London.

PARTICULARS OF ELECTRIC WELDING (if employed) Hold pillars welded tops & bottom, bolts & tripping brackets to flanged plate girders welded, corner bars at tank ends & at bulkheads welded, midship shell bolts on strake above bilge welded flush & ribble inserted butt straps fitted inside, heads & feet of all solid pillars welded. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
CRUISER STERN, LLOYDS A.C.P. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Wt. including Pins	
	1st Bower	42.0.21 : ✓ N.S. : 1746 : 1-10-37.
	2nd "	42.1.21 : ✓ N.S. : 1397 : 28.8.36.
	3rd "	42.0.27 : ✓ N.S. : 980 : 5.8.35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 47.25 ft., R.Q.D. ✓ ft., Bridge 144. ft., Forecastle 43 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 166,263. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 459.66. ✓
No. and Material of Decks 2 DKS ✓
Parts of Bottom of Vessel coated with cement or approved composition YES ✓ Cem.
Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	121'6" ✓	287 ✓	Fore peak tank,		71 ✓
Double bottom, under Engines and Boilers,	67'6" ✓	326 ✓	After peak tank,		62 ✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	33'9"	732 ✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	184'6" ✓	622 ✓	Other tanks, if fitted,		
Total length (if continuous) and Capacity	373'6" ✓	1235 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3439

Date 15 JULY 1938

Dates of Surveys held while building

(1938) JUNE 1. 11. 16. 20. 22. 24. JULY 12. 14. 20. 21. 25. 24. 28. 29. AUG. 16. 19. 23. 24. 25. 29. SEPT. 1. 5. 9. 13. 15. 16. 21. 23. 26. 24. 28. 29. 30. OCT. 3. 4. 6. 7. 10. 11. 12. 13. 14. 14. 18. 19. 20. 21. 24. 25. 24. 28. 31. NOV. 23. 4. 9. 10. 14. 15. 16. 21. 22. 24. 25. 29. 30. DEC. 1. 4. 8. 13. 14. 15. 19. 20. 21. 23. 24. 29. 30. (1939) JAN. 10. 11. 12. 16. 14. 18. 19. 20. 23. 25. 26. 24. 30. 31. FEB. 1. 2. 3. 4. 8. 9. 10. 12. 15. 16. 14. 20. 21. 22. 23. 24. 24. 28. MAR. 1. 16. APL. 5. 4. 11. 14. 20. Total No. of Visits 119