

DISCLOSED RECEIVED

STEEL STEAMER OR MOTORSHIP.

Received at London Office

22 Sept. 1949

SECTION 3 SEP 1949

No. 788 IN D.O.

State if Report has been sent on the Freeboard of the Vessel ☒ YESState if Report is sent on the Machinery of the Vessel ☒ YES

SECTION

No. 788

Date of completion of report 29th AUGUST 1949 Port of GREENOCK No. 23942Survey held at PORT GLASGOW & GLASGOW Date First Survey 12th AUG. 1946 Last Survey AUG 18th 1949

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAMER "BIOGRAPHER" MACHY AMIDSHIPS

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POOP, BRIDGE & F'CLE

TONNAGE under } 6227.14.
Tonnage Deck ... }

CLASS *100.A.I.

State if with freeboard } No
as condition of Class }

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 441.92Launched MARCH 18th 1949 Yard No. 1029

Total

Breadth (greatest moulded) } B 57.75

Builders LITHGOWS LIMITED

Gross Tonnage

6914.50

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } D 33.0

Owners CHARENTE S.S. CO LTD

Register Tonnage

4122.61

1st Longitudinal Number (L x D) = 14583

Managers T & J HARRISON

(Where necessary to be entered in Reg. Book)

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SECTION

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REGISTERED DIMENSIONS.
FEET

Length 449.3

Breadth 58.0

Depth 30.6

Framing Depth "d" at middle of length. See
Sec. 3 (1d) } 18.34

Residence LIVERPOOL

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel } 13.4

Port of Registry LIVERPOOL

Do. Long Bridge to
top of keel } 10.8

If surveyed while building, afloat, or in dry dock

Draught Moulded 26'-3 3/4

BUILDING AFLOAT & IN DRY DOCK

(Need marked 26/7/49)

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	BA 6 3 1/2 .44	✓
" " from 1/2 length amidships to Collision bulkhead.....	27	✓	" " Reversed Frame.....	BA 6 3 .34	✓
" " in peaks	24	✓	" " Vertical Struts	CHAN 8 3 1/2 x 3 1/2 .42	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44 x .54	✓
Frame Amidships, Angle, E or F.....	10 3 1/2 .51	✓	" " top Angles	3 1/2 3 1/2 .48	✓
" " Extends up to.....	SECOND DK	✓	" " bottom Angles.....	4 4 .54	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....	ONE @ .38	✓
" " 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 1/4 len. from stem	6 1/2 6 1/2 .625 BAR APP. 55	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F.....	8 3 1/2 .42	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6 1/2 6 1/2 .625 BAR APP. 55	✓
" " Second 'tween Decks, Angle, E or F.....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	EVERY FRAME .42 CONTINUOUS IN WAY OF OIL FUEL	✓
" " Third	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	EVERY FRAME .42	✓
" " from 1/2 len. for'd. to 15% len. from Stem	11 3 1/2 .46 BA.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	5'-7" x .41	✓
" " in Peaks, Angle or F.....	8 3 1/2 .42	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 @ 7 DIAS	✓	Breadth and thickness of Middle Line Strake...	52 1/2 x .52	✓
State if Frame Joggled.....	YES	✓	Thickness of remainder in Holds42 .38	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	YES, INCREASED OVER RULES	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F.....	8 3 1/2 .45	✓
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, E or F.....	8 3 .52	✓
Height of Brackets at side above base line at toe of frame.....			Spacing	27	✓
Middle Line Keelson, on Floors, Angles, E or F.....			CLEAR OF HATCHES.	12 x 3 1/2 x 3 1/2 x 5 1/2 @ 54"	✓
" " Through Plate or Inter- costal Plate			Second Deck, amidships, Angle, E or F.....	8 x 3 1/2 x 3 1/2 x 37/52 @ 27"	✓
" " Foundation Plate on Floors			Spacing	54 x 27	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F.....	✓	
Side Keelsons, No. each side.....			Spacing.....	✓	
" " thickness of Intercostal Plate...			Fourth Deck, amidships, Angle, E or F.....	✓	
" " Angles			Spacing.....	✓	
DOUBLE BOTTOM.			POOP DECK, Angle, E or F.....	6 3 .43	✓
Solid Floors, thickness and spacing	40 EVERY 3 RD FRAME	✓	Spacing.....	27	✓
" " Are Frame and Reversed Frame joggled?	YES	✓	Bridge Deck, Angle, E or F.....	8 3 .44	✓
Bracket Floors, breadth and thickness at middle line	33 x .40	✓	Spacing.....	27	✓
" " breadth and thickness at margin plate.....	33 x .40	✓	Forecastle Deck, Angle, E or F.....	9 x 3 x 36 @ 27	✓
			Spacing.....	8 x 3 x 35 @ 24	✓
				27 x 24	✓

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		Stringer Plate, breadth and thickness in way of Bridge	78 x .44 ✓	
„ in 'tween Decks, Size and Spacing	WIDELY SPACED PILLARS.		Thickness of Plating abreast Deck openings in way of Wells40 ✓	
„ „ „ „ „	2 GIRDERS IN HOLDS IN TWN DKS		Thickness of Plating abreast Deck openings in way of Bridge.....	.40 ✓	
„ in Holds „ „ „	NOTE: GIRDER FITTED ON BRIDGE DK FROM FRAME 96		Thickness of Plating within line of openings...	.40 ✓	
„ „ „ „ „	To 123-20 FROM CR P4 S		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 DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	78 x 1.00 ✓		If Plated, state thickness.....	✓	
„ „ „ „ in way of Bridge	78 x .41 ✓		Poop Deck.		
„ Angle in Wells	7 7 .95 ✓		Stringer Plate, breadth and thickness.....	.36 ✓	
Thickness of Plating abreast Deck openings } in way of Wells73 ✓		Plating, Sheathing, material and thickness26 SHEATHED ✓	
Thickness of Plating abreast Deck openings } in way of Bridge.....	.37 ✓		Bridge Deck.		
Thickness of Plating within line of openings...	.44 ✓		Stringer Plate, breadth and thickness.....	70 x .48 ✓	
If Sheathed, material and thickness.....	NOT SHEATHED ✓		Plating, Sheathing, material and thickness44 NOT SHEATHED ✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	78 x .44 ✓		Stringer Plate, breadth and thickness.....	.36 ✓	
			Plating, Sheathing, material and thickness...	.34 NOT SHEATHED ✓	
				.50 UNDER WINDGLASS ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? No	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✓	.84✓	.75✓	.73✓		DOUBLE	1	3 1/2	FOUR	1	4	LAPPED	
„ Dblg. (if any)	THICKNESS OF BOTTOM PLATING					FORWARD	704	734	AS APPROVED				
Bottom Plating, No. of Strakes FOUR }	✓	.64✓	.47✓	.47✓		DOUBLE	7/8	3 3/8	THREE	7/8	3 1/2	LAPPED	
Bilge Plating, No. of Strakes ONE }	✓	.63✓	.46✓	.46✓		„	„	„	„	„	„	„	
Side Plating, No. of Strakes THREE }	✓	.63✓	.44✓	.44✓		„	„	„	IF STRAKE BUTT WELDED			LAPPED & WELDED	
Upper Deck, Sheer- strake in Wells..... }	62✓	.90✓	.46✓	.46✓		„	1	3 1/2	FIVE TO FOUR	1 1/8	5 1/6	LAPPED	
Upper Deck, Sheer- strake in Bridge ... }		.63✓				„	7/8	3 3/8	THREE	7/8	3 1/2	„	
Strake below Sheer- strake in Wells..... }	80 1/2✓	.78✓	.46✓	.46✓		„	„	„	FOUR	1	4	„	
Strake below Sheer- strake in Bridge ... }		.63✓				„	„	„	THREE	7/8	3 1/2	„	
Poop Side Plating.....				.40		SINGLE	„	„	ONE	„	„	„	
Bridge Side Plating.....		.63✓				DOUBLE	„	„	THREE	„	„	„	
Forecastle Side Plating			.48			SINGLE	„	„	ONE	„	„	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— EIGHT. ✓ *7 forward*
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	FLAT PLATE KEEL			
STEM	UPPER PART 564 SO PLATES LOWER 11 x 2 1/2 ROLLED BAR.			
STERN FRAME {	TOP	STREAM		
Propeller Post	CASTING	LINED	SEE	STEEL OF SCOTLAND
BOTTOM				
Rudder	FORGING	PLAN		DARLINGTON FORGE.
No RUDDER POST				
Speed of Vessel	14 1/2 KNOTS.			
RUDDER—Type	DOUBLE PLATE BALANCED			
A x D	395			
Diam. of head	FORGING	10 1/2	RULE DIA	10 1/4
Mainpiece at top pintle		14 x 12	DENNISTOWN	
heel		12 x 12	FORGE	
how constructed	WELDED & RIVETTED			
double or single plate	DOUBLE SO			
coupling, vertical or	NO COUPLING			
horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (OPEN HEARTH)
COLVILLE, STEEL CO OF SCOTLAND, LANARKSHIRE

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

ANCHORS.

HAWSERS AND WARPS.

0190^{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 a List of the Plans should be embodied.)

Plans of midship section & profile & decks as built, approved plans & forging reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) oil fuel bunkers, cruiser stern, boss plating, hatch bulkhead & tank dividing corners; butts of deck girders, hold pillars, shell butts amidships on strake above bilge. butts of deck stringer bars.

pt. Elec welded.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book LLOYDS A4 C.P.: CRUISER STERN: E.S.D. D.F.: FITTED FOR OIL FUEL 8/49. F.P ABOVE 150°F.

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

1st Bower 42.2.14.: A.E.G.: 9708: 25.7.47.
2nd „ 42.1.12.: A.E.G.: 9699.: 22.7.47.
3rd „ 42.2.24.: A.E.G.: 9700: 22.7.47.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.1 ft., R.Q.D. ✓ ft., Bridge 46.25 ft., Forecastle 45.7 ft.

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

Official No. 183,743.

Signal Letters

Extreme Breadth over Belting (Circ. 1611) ✓

Over-all Length (Circ. 1703) 464' 3

No. and Material of Decks 2. DKS

Parts of Bottom of Vessel coated with cement or approved composition Coated with cement in water tanks only. Cement in peaks

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.	S.W. Water Capacity.	Where Fitted.	Length.	S.W. Water Capacity.
Double bottom, aft,	132.75	334	Fore peak tank,		29
Double bottom, under Engines and Boilers,	49.5	222	UPPER FORE PEAK TANK		72
Double bottom, if under Engines only, +3 CD.S.B.	6.75		After peak tank,		933
Double bottom, if under Boilers only, 2-3			Deep tank, aft,	33.75	1155
Double bottom, forward,	195.75	745	Deep tank, forward,	36	184
Total length (if continuous) and Capacity	384.75	1301	TWO OIL FUEL BUNKERS A.S.		162
			CROSS BUNKER UNDER BOILERS		
			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3357

Date 24 DEC. 1946

Dates of Surveys held while building

(1946) Aug. 12. Sept. 14. 26. 27. Nov. 13. 15. 26. 28. Dec. 12. 20. (1947) Feb. 6. 5. 10. 12. 17. 26. 28. MAR. 6. 7. 10. 14. 17. 28. 31. APR. 1. 4. 8. 9. 17. 22. JUNE 2. 6. 10. 12. 24. 25. JULY 2. 22. 24. 28. 29. 30. 31. AUG. 5. 7. 13. 19. 22. 25. SEPT. 1. 3. 5. 9. 17. 22. 25. OCT. 3. 8. 14. 17. 29. NOV. 4. 5. 7. 12. 14. 19. 21. 24. 26. 27. DEC. 5. 9. 10. 11. 16. 18. (1948) JAN. 7. 15. 16. 21. 26. 31. FEB. 18. 26. MAR. 11. 12. 17. 18. 23. 26. APR. 1. 5. 9. 15. 19. 26. 29. MAY 5. 7. 10. 11. 24. 27. JUNE 2. 8. 10. 16. 18. 25. JULY 20. 23. AUG. 9. 12. 18. 20. 23. 24. 25. 27. 31. SEPT. 1. 3. 9. 10. 12. 14. 15. 16. 20. 22. OCT. 12. 19. 26. 27. NOV. 1. 3. 9. 11. 12. 16. 18. 24. 25. 29. DEC. 2. 3. 9. (1949) FEB. 11. 22. 25. MAR. 3. 5. 10. 14. 16. 17. 18. APR. 28. MAY 18. JUNE 29. JULY 25. AUG. 4. 15. 17. 18. Total No. of Visits 168.