

STEEL STEAMER OR MOTORSHIP.

Received at London Office 13 JAN 1944

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

24th DECEMBER 1943. Port of GREENOCK.

No. 22519.

Survey held at PORT GLASGOW.

Date First Survey 11th JANUARY 1943. Last Survey 24th DECEMBER 1943.

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

SINGLE SCREW STEAMER 'PROSPECTOR'

MCHY. AMIDSHIPS.

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

FULL SCANTLING.

State Type of Erections POOP BRIDGE E.C.L.E.

TONNAGE under Tonnage Deck... 5546.16

CLASS +100 A.1.

State if with freeboard as condition of Class No.

Built at PORT GLASGOW

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

Total

Gross Tonnage 6201.95

Register Tonnage 3662.78

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

L 418.16

Breadth (greatest moulded)

B 54.29

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

D 32.58

1st Longitudinal Number (L x D) = 13624

2nd Numeral L x (B + D) = 36326

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

17.9

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

12.84

Draught Moulded

26' 3 1/2"

Launched OCT. 14th 1943 Yard No. 988

Builders LITHGOWS LTD

Owners CHARENTE S.S. CO LTD

Managers T. J. HARRISON.

(Where necessary to be entered in Reg. Book)

Residence LIVERPOOL

Port of Registry LIVERPOOL.

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	BA. 7 3 1/2 .38	
" " from 1/2 length amidships to Collision bulkhead	27		" " Reversed Frame	BA. 7 3 .38	6 1/2 x 3 x .38
" " in peaks	24		" " Vertical Struts	CHAN. 9 3 1/2 .54	9 x 3 1/2 x 3 1/2 x .46
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44 x .52	
Frame Amidships, Angle E or F	10 3 1/2 .46		" " top Angles	DOLE. 3 1/2 3 1/2 .46	
" " Extends up to	UPPER 2 nd D _h ALTY.		" " bottom Angles	DOUBLE 4 4 .52	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	ONE @ .36	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	37 x .52	
Depth of Framing Girder	10		" " Vertical Angle to Tank side	3 1/2 3 1/2 .42	
Frames in Uppermost Continuous Deck, Angle E or F	6 3 1/2 .34 ALTY.		" " Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 .42	
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side	3 1/2 3 1/2 .42	
" " Third " " " "			" " Bracket from forward len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	11 x 3 1/2 .55 - 48 BA.		" " Gussets, spacing and scantling abaft 1/2 len. from stem	40 CONTINUOUS GUSSET	
" " in Peaks, Angle E or F	8 3 1/2 .40		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	40	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 7 DIAS		Tank Side Brackets, height above base line at toe of Frame and thickness	67 x .42	
State if Frame Joggled	YES		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES		Breadth and thickness of Middle Line Strake	62 x .50	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES		Thickness of remainder in Holds	41 - 37	INCREASED UNDER HATCHWAYS
SINGLE BOTTOM.			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 INCREASED OVER RULE	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle E or F	8 3 1/2 .36	
Middle Line Keelson, on Floors, Angles, E or F			" " in way of Bridge, Angle E or F	8 3 1/2 .36	
" " Through Plate or Intercoastal Plate			Spacing	27	
" " Foundation Plate on Floors			Second Deck, amidships, Angle E or F	9 3 .40	
" " Flat Plate Keel Angles			Spacing	27	
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	39 EVERY 4 th FRAME		Poop Deck, Angle E or F	6 3 .40	
" " Are Frame and Reversed Frame joggled?	YES		Spacing	7 3 1/2 .36	
Bracket Floors, breadth and thickness at middle line	45 x .40		Bridge Deck, Angle E or F	8 3 .35	
" " breadth and thickness at margin plate	33 x .40		Spacing	27	
			Forecastle Deck, Angle E or F	9 3 .38	
			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.....			Stringer Plate, breadth and thickness in way of Bridge	72 x 34	✓
" in 'tween Decks, Size and Spacing.....	TWO ROWS OF WIDELY SPACED		Thickness of Plating abreast Deck openings in way of Wells	36	✓
" " " " "	PILLARS & GIRDERS. ✓		Thickness of Plating abreast Deck openings in way of Bridge	30	✓
" in Holds " "			Thickness of Plating within line of openings..	34 x 30	✓
" " " " "			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	72 x 88 x 42 ✓		If Plated, state thickness	✓	
" " " " in way of Bridge	72 x 50 ✓		Poop Deck.		
" Angle in Wells	6 6 x 88 ✓		Stringer Plate, breadth and thickness	36	✓
Thickness of Plating abreast Deck openings in way of Wells	65 ✓		Plating, Sheathing, material and thickness ..	30 SHEATHED	✓
Thickness of Plating abreast Deck openings in way of Bridge	50 x 36 ✓		Bridge Deck.		
Thickness of Plating within line of openings..	42 x 34 ✓		Stringer Plate, breadth and thickness.....	70 x 50	✓
If Sheathed, material and thickness	NOT SHEATHED ✓		Plating, Sheathing, material and thickness ..	52 NOT SHEATHED	✓
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	72 x 40 ✓		Stringer Plate, breadth and thickness.....	36	✓
			Plating, Sheathing, material and thickness ..	34 NOT SHEATHED ✓	

SCANTLINGS.				EDGES.		RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if jogged?		BUTTS.						
	AMIDSHIPS.		FORWARD. AFT.			SINGLE OR DOUBLE.	RIVETS.	No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to c.		Diam.	Spacing or to c.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.				
FLAT PLATE KEEL	52	82	72	72		DOUBLE	7/8	3 3/8	4R	✓	1	4	LAPPED	
" DELG. (if any)	BOTTOM SHELL FOR P. - THREE STRAKES - 6 9 4 . 67													
BOTTOM PLATING, No. of Strakes .. FOUR		61	46	46		DOUBLE	7/8	3 3/8	4R	✓	7/8	3 1/2	"	
BULGE PLATING, No. of Strakes ONE		61	46	46		"	"	3 3/8	4R	✓	7/8	2 1/2	WELDED	
IDE PLATING, No. of Strakes THREE		61	46	46		"	"	3 3/8	3R	✓	7/8	2 1/8	WELDED	
PPER DECK, Sheer- strake in Wells.....	62	91	46	46		"	1 7/8	5 1/4	3 3/8	5R	✓	1"	4 1/2	LAPPED
PPER DECK, Sheer- strake in Bridge ...		61				"	7/8	3 3/8	3R	✓	7/8	3 1/8	"	
TRAKE BELOW Sheer- strake in Wells.....	78	75	46	46		"	"	"	4R	✓	1"	4	"	
TRAKE BELOW Sheer- strake in Bridge ...		61				"	"	"	3R	✓	7/8	3 1/8	"	
OF SIDE PLATING				38		SINGLE	"	"	1R	✓	"	3 1/8	"	
RIDGE SIDE PLATING ...		60				DOUBLE	"	"	3R	✓	"	3 1/8	"	
RECT'LE SIDE PLATING				42		SINGLE	"	"	1R	✓	"	3 1/8	"	

Total No. of W.T. BULKHEADS in Vessel— 8		7/134 for record		Castings or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
Extending to Upper Deck (Sec. 3 c)		7		KEEL, Bar		FLAT PLATE KEEL		
" Deck next below		1		STEM		ROLLED 9 3/8 x 2 5/8 ✓		
As per Rule		7		STERN FRAME {		CASTING, STREAM LINED SEE PLAN ✓		
				Propeller Post		RULE 10 1/2 x 8 3/8		
				Rudder		DARLINGTON FORGE ✓		
				Speed of Vessel		12 KNOTS ✓		
				RUDDER—Type		DOUBLE PLATE STREAM LINED		
				" A x D		502 ✓		
				" Diam. of head		FORGING 11 1/8 ✓		
				" Mainpiece at top pintle		CASTING 10 1/2 x 10 1/2 ✓		
				" " heel		6 x 10 1/2 ✓		
				" how constructed		COMPLETE CAST STEEL FRAME ✓		
				" double or single plate coupling, vertical or horizontal		DOUBLE 96 ✓		
						VERTICAL ✓		
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				(OPEN HEARTH) ✓				
STEEL.				COLVILLE, STEEL CO OF SCOTLAND LANKSHIRE				
Has the Steel been tested as required by the Rules?				YES. ✓				

QUANTITY No 38200.						LETTER at		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.				
1996	1st Bower ...	68 1 7	Stockless	52	18	3	0	✓ 68 ✓	HALLS LATEST	HINGLEY	N. 19 ⁵ / ₈ /43 RELF ✓	
1997	2nd " ...	68 0 7	" "	52	15	2	14	✓ 68 ✓	" "	"	" "	
	3rd " ...											
	Collective weight.							194½ ✓				
1960	Stream	19 1 7	5 0 7	20	4	0	7	✓ 19 ✓	ORDY FOR STEEL WELDER.	HINGLEY	N. 23 ¹ / ₄ /43 RELF ✓	
See Letter 28-11-44 CHAIN CABLES. HAWSERS AND WARPS.												
Number of Certificate.	Length and size supplied. Length. Diam.	Test per Certificate. Statury Break- ing.	WEIGHT OF CHAIN CABLE. Supplied. Per Rule.		Length and Size per Table 53. Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied. Length. Car.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Cir.
	Fathoms. Ins.	Tons. Cwts. qrs. lbs.	Cwts.		Fathoms. Ins.					Fathoms. Ins.		Fathoms. Ins.
3323	105 1/2 100 2 1/2 6 9/16	124 28 2 2 7	720 3/4		270 2 1/2 6 5/16	TD	NH Hingley & Son	N. 23 1/4 / 43 RELF ✓	TOWLINE...	120 4 3/4 64.6	120 4 3/4	
3322	120 1/2 " " "	322 3 0.			LINK	" "	N " "		HAWSERS & WARPS	2 @ 90 2 3/4 15.2	2 @ 90 2 3/4	
	90 5	52.8			90 5					2 @ 90 2 1/2 13.2	2 @ 90 2 1/2	
IRON Stream (see Note) Steel Wire												

Steering Gear, Type (Power or hand) BROWN BROS STEAM TILLER Alternative Means of Steering FRICION GEAR WORKED FROM HAND.

Steering Chains (Size and Test) TELE MOTOR CONTROL Windlass TEAM BY CLARK CHAPMAN Boats 4-28' LIFEBOATS. ONE FITTED WITH MOTOR

Ceiling in Holds, thickness and material OVER BILGES ONLY Cargo Battens, thickness, material and spacing NOT FITTED BUT CLEATS SUPPLIED (SEE OVER)

Cargo Hatchways.—(Upper Deck) 30" STEEL COAMINGS STIFFENED Thickness of Hatches 3" ON WEATHER DECK. HATCHES FITTED ON 2ND DECK.

Size of Hatchways No. 1 (Fwd.) 29'3" x 17' No. 2 33'9" x 17' No. 3 9' x 17' (BRIDGE DECK) No. 4 36' x 17' No. 5 22'6" x 17' No. 6 ✓

Number of Shifting Beams and/or Fore and Afters No. 1 = 5 : No. 2 = 6 : No. 3 = 1 : No. 4 = 7 : No. 5 = 4. ✓

Builder's Signature FOR LITHGOW'S LIMITED R. Campbell

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil cargo No

be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built in conformity with the British Rules Regulations & the Secretary's letters. Her arrangements are in accordance with or equivalent to those shown on the approved plans. The materials & workmanship are of good quality. The frames & stiffeners, double bottom tank & deep tanks have been tested & approved by the rules & found satisfactory. The weather decks, watertight bulkheads & tunnel were also tested & found satisfactory. The pumps steering gear, windlass, W.T. doors, auxiliary steering gear & rudder motion were tried & found satisfactory. The foreward has been reinforced & the masts cut in on the vessel's sides.

Progeny equipment has been supplied with the arms & crew.

The foreward bulkheads have been endorsed for deeper loading.

In accordance with Admiralty circular M3/1597/42(3) the deep tank is made suitable for the carriage of oil fuel cargo, ✓

Left bare & not coated with any paint or composition.

The amount of Entry Fee £ 10 : 0 : 0 } Fees applied for,
 Special Survey Fee £ 355 : 1 : 0 } 27th Dec. 1943.
 FREEBOARD 17 : 0 : 0 } Received by me,
 Travelling Expenses, if any £ : : } 19.....

I am of opinion the Vessel should be Classed **✱ 100 A1**

State whether the Vessel has been built under Special Survey Yes
via Glasgow
 Certificate to be sent to GREENOCK OFFICE Date of issue 21/2/44
 Signature Ronald Ogilvie + W. B. Johnston
Surveyors to Lloyd's Register of Shipping.

Committee's Minute
Character assigned

CLASGOW 11 JAN 1944
-1- 100A1
12.43

Lloyds As CP
-1- June 1. 44
Note:- Equ. Co. blue
Date of bind 1. 44

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.

This vessel is a sister vessel to the S. S. Trader built by Connell & Co. Glasgow.

Approved plans should be returned for reference in dealing with sister vessel now building. It is stated that cargo battens will be fitted abroad.

3323 100 27/1696 1/4 134 282.27 720 270 27/1696 1/4 134 282.27 120 4 1/4 6 120 4 1/4

3323 120 1/2 " " 322.30 LINK " " " " 2090 2 1/4 15.2 2090 2 1/4

2090 2 1/2 13.2 2090 2 1/2

90 5 32.8 90 5

BROWN BROS STEAM TILLER

FRICTION GEAR WORKED FROM STEERING GEAR HOUSE

TELE MOTOR CONTROL

STEAM BY CLARK CHAPMAN

1-2 WHEELS OPERATED WITH MOTOR

OVER BILGES ONLY

NOT A TYPED COPY OF THE

30" STEEL DAMMINGS STIFFENED

3" ON WEATHER DECK. HATCHES

29'3" x 17'

33'9" x 17'

9' x 17' (BRIDGE DECK)

36' x 17'

22'6" x 17'

N^o 1 = 5 : N^o 2 = 6 : N^o 3 = 1 : N^o 4 = 7 : N^o 5 = 4.

PARTICULARS OF ELECTRIC WELDING (if employed)

hold pallans; butts of deck girders, corner bars to tank ends & bulkheads, shell butts amidships on bilge strake & first strake above bilge, butts of deck stringer bar, corners of hatch deck bars, cruiser stern.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

D. F.

LLOYD A.N.C.P.: CRUISER STERN

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

1st Bower

43.1.26 : J.D. : 3174 : 9.8.40.

2nd "

43.2.22 : A.E.G. : 3792 : 2.10.41.

3rd "

37.4 1/2

40.25' see plan

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 37 ft., R.Q.D. ✓ ft., Bridge 139.5 ft., Forecastle 44.8 ft.

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

Official No. 168,871.

Signal Letters ✓

Extreme Breadth over Belting ✓

Over-all Length 435

No. and Material of Decks 2 Dks.

Parts of Bottom of Vessel coated with cement or approved composition coated with cement

Particulars of composition (if fitted) and of approval

1100 A1

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.	SW Water Capacity. Tons.	Where Fitted.	Length. Feet.	SW Water Capacity. Tons.
Double bottom, aft,	110.25 ✓	339	Fore peak tank,		65
Double bottom, under Engines and Boilers,	65.25 ✓	309	After peak tank,		54
Double bottom, if under Engines only,			Deep tank, aft,	31.5 ✓	922
Double bottom, if under Boilers only, forward	177.75 ✓	610	Deep tank, forward,		
Double bottom, forward,	182.75	610	Other tanks, if fitted,		
Total length (if continuous) and Capacity	358.25	1258	(If necessary, furnish further information by sketch.)		
	353.25				

Order for Special Survey No. 3503.

Date 27th OCT. 1943.

Dates of Surveys held while building

(1943) JAN. 11. FEB. 1. 14. MAR. 17. 19. 23. APRIL 19. 26. 24. MAY 3. 6. 14. 19. 26. JUNE 11. 24. 29. JULY 16. 19. 20. 21. 23. 27. AUG. 5. 10. 11. 12. 17. 25. 24. 30. 31. SEPT. 1. 2. 3. 8. 9. 10. 11. 13. 14. 15. 16. 17. 18. 20. 21. 22. 23. 24. 27. 28. 29. 30. OCT. 4. 6. 8. 10. 11. 12. 13. 14. 28. NOV. 1. 4. 8. 16. 18. 22. 26. 29. 30. DEC. 1. 2. 3. 4. 9. 10. 13. 14. 15. 16. 17. 18. 22. 24.

Total No. of Visits 86