

RECEIVED

28 JAN 1944

IN D.O.

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office 27 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 20<sup>th</sup> JANUARY 1944. Port of GREENOCK

No. 22560

Survey held at PORT GLASGOW.

Date First Survey 7<sup>th</sup> JANUARY 1943. Last Survey 11<sup>th</sup> JANUARY 1944

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTORSHIP "TREVANION"

MCHY/AMIDSHIPS.

State Type (If Hull, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING. State Type of Erections FORECASTLE

TONNAGE under Tonnage Deck 6887.24

CLASS +100A1.

State if with freeboard as condition of Class YES

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 most on summer L.W.L. See Sec. 3 (1a) 1425.33

Launched Nov 11<sup>th</sup> 1943 Yard No. 985

Total

Breadth (greatest moulded) B 57.75

Builders LITHGOWS LIMITED

Gross Tonnage 7375.27

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) FOR SCANTLING 37.083

Owners HAIN STEAMSHIP CO LTD

Register Tonnage 5133.54

1st Longitudinal Number (L x D) = 15773

Managers v

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

## REGISTERED DIMENSIONS.

FEET.

Length 432.6

Framing Depth "d" at middle of length. See Sec. 3 (1d) 25.16

Residence LONDON

Breadth 57.9

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.14

Port of Registry LONDON

Depth 35.3

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Draught Moulded 27'-2"

BUILDING, APLCAT &amp; 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	31	✓	Bracket Floors, Frame	B.A. 6 3/2 .50	✓
" " from 3/4 length amidships to Collision bulkhead	27	✓	" " Reversed Frame	B.A. 6 3/2 .41	✓
" " in peaks	24	✓	" " Vertical Struts	B.A. 9 3/2 .50	✓
IDE FRAMING.			Centre Girder, depth and thickness amidships	48 x .51	✓
Frame Amidships, Angle, E or C	13 1/2 4 .51	✓	" " top Angles	DALE 3 1/2 3 1/2 .48	✓
" " Extends up to	2 <sup>nd</sup> Dk	✓	" " bottom Angles	DALE 5 5 .54	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 @ .38	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	46 x .54	✓
Depth of Framing Girder	13 1/2	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 1/2 6 1/2 .55	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	6 3 1/2 .39	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	6 1/2 6 1/2 .55	✓
" " Second 'tween Decks, Angle, E or C	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	CONT'S .42	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	CONT'S .42	✓
" " from 1/4 len. for'd. to 15% len. from Stem	13 1/2 4 .62	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	75 x .46	✓
" " in Peaks, Angle, E or C	8 3 1/2 .50	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 6 1/2 DIAS SIDE	✓	Breadth and thickness of Middle Line Strake	90 x .50	✓
State if Frame Joggled	7/8 @ 7 " BOTTOM	✓	Thickness of remainder in Holds	.44-.40	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or 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/or as approved?	YES	✓	BEAMS.		
NGLE BOTTOM.			Uppermost Continuous Deck, amidships	10 3 1/2 .45	✓
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or C	✓	
Height of Brackets at side above base line at toe of frame			Spacing	31	✓
Middle Line Keelson, on Floors, Angles, E or C			Second Deck, amidships, Angle, E or C	12 3 1/2 .48	✓
" " Through Plate or Intercoastal Plate			Spacing	31	✓
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or C	✓	
" " Flat Plate Keel Angles			Spacing	✓	
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or C	✓	
" " thickness of Intercoastal Plate			Spacing	✓	
" " Angles			Poop Deck, Angle, E or C	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	.42 SPACED EVERY 3 <sup>rd</sup> FRAME	✓	Bridge Deck, Angle, E or C	✓	
" " Are Frame and Reversed Frame joggled?	YES	✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	33 x .42	✓	Forecastle Deck, Angle, E or C	9 3 1/2 .36	✓
" " breadth and thickness at margin plate	33 x .42	✓	Spacing	27	✓



# PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing.....	REINFORCED HATCH SIDE GIRDERS 4									
" " " " " "	HATCH END BEAMS									
" " " " " "	EXTRA GIRDER FITTED AMIDSHIPS									
in Holds " " " "	P.S. UNDER UPPER DECK IN WAY OF									
" " " " " "	4 BCASING. ALSO NOS. 1 & 2									
" " " " " "	HATCH SIDES 4 5 & 6 HATCH SIDES									
" " " " " "	JOINED BY GIRDER P.S.									
Centre Line Bulkhead.										
Stiffeners and Spacing.....	BA 12 3 1/2 .45 @ 62"									
Plating, thickness of .....	.30									
STRINGERS AND DECKS.										
Uppermost Continuous Deck.										
Stringer Plate, breadth and thickness in Wells.....	78 x .64									
" " " " " in way of Bridge.....										
" Angle in Wells .....	6 6 .64									
Thickness of Plating abreast Deck openings in way of Wells .....	.59									
Thickness of Plating abreast Deck openings in way of Bridge .....										
Thickness of Plating within line of openings.....	.40									
If Sheathed, material and thickness .....	NOT SHEATHED									
Second Deck.										
Stringer Plate, breadth and thickness in Wells.....	78 x .40									
Stringer Plate, breadth and thickness in way of Bridge.....										
Thickness of Plating abreast Deck openings in way of Wells .....										
Thickness of Plating abreast Deck openings in way of Bridge .....										
Thickness of Plating within line of openings.....										
If Sheathed, material and thickness .....										
Third Deck.										
Stringer Plate, breadth and thickness.....										
If Plated, state thickness.....										
Fourth Deck.										
Stringer Plate, breadth and thickness.....										
If Plated, state thickness .....										
Poop 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.....										
Plating, Sheathing, material and thickness .....										

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? No	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.					Inches.	Inches.	
FLAT PLATE KEEL .....	53	.79	.69	.69		DOUBLE	7/8 3 1/4	4R.	1	4"	LAPPED
" DBLG. (if any)✓											
BOTTOM PLATING, No. of Strakes .....	FOUR	.64	.50	.50		"	" "	4R.	7/8	3 1/2	"
BILGE PLATING, No. of Strakes .....	ONE	.64	.50	.50		"	" "	4R	"	"	WELDED AMIDSHIPS
SIDE PLATING, No. of Strakes .....	FOUR	.63	.47	.47		"	" "	3R	"	3 1/8	LAPPED
UPPER DECK, Sheer-strake in Wells.....	58	.70	.47	.47		"	" "	4R	"	3 1/2	"
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	58	.65	.47	.47		"	" "	4R.	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...	3 STRAKES OF BOTTOM PLATING P.S. 7" FROM 1/2 LEN TO RULE POSITION OF COLLISION BHD.										
POOP SIDE PLATING .....	SIDE PLATING IN PAINTING AREA .59 IN LIEU OF SIDE STRINGERS.										
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING		.42				SINGLE	" "	1R.	7/8	3 1/8	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	6 TANK BHDs ASSESSED ON HEAD TO 2ND DK.
" Deck next below	1 ALL OPENINGS IN T.W. D.K. BHDs RIVETED.
As per Rule	7

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	FLAT PLATE KEEL			
STEM .....	10 1/4 x 2 1/2			
STERN FRAME { Propeller Post .....	CASTING STREAM LINED SEE PLAN			RULE 10 1/2 x 8 1/4 BEARD MORE
{ Rudder .....				
Speed of Vessel.....	12 KNOTS.			
RUDDER—Type.....	DOUBLE PLATE STREAM LINED			
" A x D .....	619.			
" Diam. of head .....	FORGING 12 1/2" DEHLSTOWN FORGE			
" Mainpiece at top pintle .....	CASTING 11 1/8 x 10 1/2 STEEL CO. OF SCOTLAND			
" " heel ...	" 11 x 6			
" how constructed .....	COMPLETE CAST STEEL FRAME			
" double or single plate .....	DOUBLE .46			
" coupling, vertical or horizontal.....	VERTICAL.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	.26	6 x 3 x .300A	32.		
" " Second "					
" " Third "					
" " Holds .....	.33	12 x 4 x .60 CHAN	30"		
COLLISION " (in Hold) .....	.54	7 x 3 x .45 BA	24	3 SEMI. BOX BEAMS	
AFTER PEAK " " .....	.30	7 x 3 x .35 BA	24	2 SEMI-BOX BEAMS & TUNNEL RECESS	

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

Has the Steel been tested as required by the Rules? **YES**



EQUIPMENT No 41516. ✓												LETTER B+ ✓		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY	Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Table No.					
27226	1st Bower ...	73	0	0	Stockless			55	5	0	0	✓	72½	BYERS STOCKLESS	PER W.L. BYERS & CO L.W. 7/4/42 GREEN ✓		
27450	2nd „ ...	72	2	21	“	“	“	“	“	“	“	✓	72½	“	“	“ 30/6/42 “ ✓	
	3rd „ ...												62 ✓				
	Collective weight.												20½				
27522	Stream .....	21	3	0	✓	5	3	14	22	3	3	0		20½	RODGERS	PER W.L. BYERS & CO L.W. 35/4/42 GREEN ✓	

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.			
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.	Length.	Ins.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
3369	240	2 3/8	101 1/2	142 1/8	677-3-14	675	240	2 5/16	STUD LINK	NOT STATED	N 3/5/43 RELF	TOWLINE...	130	5	70-9	130	5		
									Rule 300 Ins 2 5/16			HAWSERS & WARPS	4@100	2 3/4	15-2	4@100	2 3/4		
Iron Stream Chain or Steel Wire	120	5"		52-8			120	5				"							

Steering Gear, Type (Power or hand) **STEAM BY DONKIN - NEWCASTLE** Alternative Means of Steering **BLOCKS & TACKLE LED TO AFTER WINCH**

Steering Chains (Size and Test) **NONE** **TELE MOTOR CONTROL** Windlass **STEAM BY EMERSON WALKER** Boats **2-24' LIFEBOAT**

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" COAMING STIFFENED** Thickness of Hatches **2 1/2" W.P.** HATCHES FITTED AT 25° DR.

Size of Hatchways No. 1 (Fwd.) **31'-6" x 20'** No. 2 **45'-3" x 20'** No. 3 **12'-11" x 20'** No. 4 **10'-4" x 20'** No. 5 ✓ No. 6 ✓

Number of Shifting Beams **Nº 1. 2. 4 & 5 = 5 : Nº 3 & 4 = 1. WEB.**

Builder's Signature

**FOR LITHGOWS LIMITED**

*R. J. Bell*

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel **MOTORSHIP.**

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

The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built in conformity with the Society's Rules & Regulations & the Secretary's letters. The scantlings & arrangements are in accordance with, or equivalent to, those shown on the approved plans. The materials & workmanship are of good quality.

All the double bottom tanks, cofferdams, fore & aft peak tanks, deep tanks & wing tanks. Ballast tanks were tested as required by the rules & found satisfactory. The weather decks, W.T. bulkheads, main tops, & tunnel were also tested & found satisfactory.

The freeboard has been verified & the marks cut in on the vessel's sides. The pumps, steering gear, windlass, W.T. doors, auxiliary steering gear & bilge suction were tried & found satisfactory. Emergency equipment has been supplied & no sparring has been fitted in the holds.

The scantlings are suitable for a draft 18" in excess of that corresponding to the freeboard which could be assigned to the vessel if a tonnage opening were fitted & the increased draft is 27'-2" moulded.

The amount of Entry Fee ..... £ 10 : 0 : 0

Fees applied for,

(Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 384 : 3 : 6

**FREEBOARD** 18 : 3 : 0

Travelling Expenses, if any £

**DAMAGE** 8 : 8 : 0

15<sup>TH</sup> JAN 1944.

Received by me,

19...

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

**WITH FREEBOARD.**

State whether the Vessel has been built under Special Survey **YES**

Signature

*Renneth Hughes, W.D. Johnston,*  
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to **GREENOCK OFFICE** Date of issue **8/3/44**

Committee's Minute **GLASGOW** 25 JAN 1944

Character assigned **+100A1**

*With fbd 1, 44.*

*Lloyds A.C.P.*

*+ L.M.C.I., 44.*

*25B. 15016.*

*Note: Equival. Cargo battens*



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.)

Approved plans, plans of midships section & Profile & decks, forging reports & invoices are forwarded.  
It is the intention of the owners to fit sparring at the first convenient opportunity aboard  
All openings in living dk bulkheads rivetted.

Circular 972/42 has not been complied with but an extra girder is fitted amidships P+S in way of Engine & Boiler casing.

**DAMAGE** sustained through collision with the S.S. Paparua on Wed 29<sup>th</sup> December 1942  
which took place in the Firth of Clyde.  
Now done vessel placed in dry dock at Govan, Glasgow. Bottom & under examined  
stem bar cut & part renewed, butts being electrically welded.  
one stem plate on H Shake renewed P+S, one stem plate on G & J Shakes P+S  
cropped & part renewed. 2 bulb angle frames above fore peak tank failed in place  
forward plate of fore peak tank top cropped & part renewed & fore peak tank  
tested on completion of repairs.  
cut back P+S rail at anchor & rails renewed on port side. one failed & one  
panama eye renewed. Fore side plate & stinger bar failed in place  
forward gun platform supports renewed.

**Note.**—In accordance with Admiralty circular M.S/1597/42. The deep tank is made suitable for the carriage of oil fuel cargo.

**PARTICULARS OF ELECTRIC WELDING** (if employed) leads & heels of solid pillars, cruiser stern, boss plating, corners of bulkheads & tank ends, butts of stinger bar, auxiliary engine seats, tunnel stools, thrust seat, ventilators, corners of hatch coaming bars, bilge stake butts amidships, gurnels to tank margin.

**SPECIAL NOTATIONS:**—Either as part of the vessel's class or for record in the Register Book **CRUISER STERN: D. F. LLOYD'S A4CP.**

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.  
1st Bower **48.0.21 : JD : 3954 : 26.1.42.**  
2nd " **47.3.0 : JD : 3966 : 6.2.42.**  
**RODGERS** 21.0.0 : JHT : 5333 : 13.11.42

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle **39.5** ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

Official No. **169,710.** Signal Letters ☒ Extreme Breadth over Belting ☒  
(Circ. 1611) Over-all Length **447.2**  
(Circ. 1703)

No. and Material of Decks **2 DKS.**  
Parts of Bottom of Vessel coated with cement or approved composition **CEMENT IN BALLAST TANKS: BARE IN OIL FUEL TANKS.**

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,	134	480	Fore peak tank,		111
Double bottom, under Engines and Boilers,	39	192	After peak tank,		204
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Deep tank, aft,		
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,	25.8	1115
Double bottom, forward,	204	852	Other tanks, if fitted, <b>TWN DK AMIDSHIPS P+S.</b>	49	458
Total length (if continuous) and Capacity	369	1524	(If necessary, furnish further information by sketch.)		
	369.58				

Order for Special Survey No. **3502.**

Date **27<sup>th</sup> Oct. 1942.**

Dates of Surveys held while building

(1943) JAN. 7. 20. FEB. 3. 8. 18. 23. MAR. 2. 5. 19. 24. APRIL 13. 14. 21. 22. 26. 28. 30. MAY 4. 11. 13. 17. 19. 21. 24. JUNE 3. 4. 5. 7. 8. 9.  
16. 17. 18. 21. 22. 23. 24. 25. 26. 29. 30. JULY 1. 12. 13. 14. 15. 16. 20. 22. 26. 29. AUG. 3. 6. 9. 10. 12. 14. 17. 18. 19. 20. 23. 24. 25. 26. 27. 30. 31.  
SEPT. 1. 2. 8. 10. 13. 15. 16. 20. 21. 22. 24. 27. 28. 29. 30. OCT. 1. 4. 5. 6. 8. 11. 12. 13. 14. 18. 19. 20. 21. 22. 25. 26. 27. 28. NOV. 3. 4. 5. 6. 7.  
8. 9. 10. 11. 15. 19. 22. 24. 29. DEC. 1. 3. 6. 7. 13. 14. 15. 20. 21. 23. 24. 28. 29. 30. 31. (1944) JAN. 4. 6. 8. 9. 10. 11.

Total No. of Visits **136.**