

## STEEL STEAMER or MOTORSHIP.

Received at London Office AUG 21 1940

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

15<sup>th</sup> AUGUST 1940. Port of GREENOCK.

No. 21036.

Survey held at PORT GLASGOW

Date First Survey 30<sup>th</sup> MAY. 1939.

Last Survey

8<sup>th</sup> AUGUST

1940.

On the (State if Machinery fitted Aft and

SINGLE SCREW "TREVILLEY"

MCHY AMIDSHIPS.

State Type (Full Scantling, Complete Superstructure

COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING

State Type of Erections FORECASTLE.

TONNAGE under

4624.34

CLASS **100A.1.**

State if with freeboard

**YES**

Built at PORT GLASGOW

Do. of space or spaces

Length from fore part of stem to after part of stern

L 425.0

Launched APRIL 24<sup>th</sup> 1940

Yard No. 928

Total

Depth, at middle of length from top of keel to top

D 36.75

Builders LITHGOWS LIMITED

Owners THE HAIN STEAMSHIP CO LTD

Gross Tonnage

5295.58

1st Longitudinal Number (L x D)

= 15193

Managers

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

Register Tonnage

3106.34

2nd Numeral L x (B + D)

= 38993

Residence LONDON

## REGISTERED DIMENSIONS.

FEET.

Length

431.9

Framing Depth "d," at middle of length. See

23.75

Port of Registry LONDON

Breadth

56.2

Proportions—Depth to Length—Uppermost con-

11.56

If surveyed while building, afloat, or in dry dock

Depth

24.8

Do. Long Bridge to top

24-7 1/4

BUILDING AFLOAT &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.
<b>FRAMES, Spacing amidships</b>	31	✓	<b>Bracket Floors, Frame</b>	6 3/2 42	✓
" " from 1/2 length amidships to Collision bulkhead	27	✓	" " Reversed Frame	5 1/2 3 42	✓
" " in peaks	24	✓	" " Vertical Struts	8 3/2 3 42	✓
<b>IDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	48 x 49	✓
Frame Amidships, Angle <b>E</b>	12 3 1/2 55	✓	" " top Angles	3 1/2 3 1/2 48	✓
" " Extends up to	2 <sup>nd</sup> DECK	✓	" " bottom Angles	4 4 54	✓
<b>Reversed Frame Amidships, Angle</b>	✓		<b>Side Girders, No. each side and thickness</b>	ONE 38	✓
" " Extends up to	✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	44 1/2 x 54	✓
<b>Depth of Framing Girder</b>	12	✓	" " Vertical Angle to Tank side	6 1/2 6 1/2 44 T. BAR	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle</b>	6 3 1/2 35	✓	" " Vertical Angle to Tank side	6 1/2 6 1/2 44	✓
" " Second 'tween Decks, Angle, <b>E</b> or <b>F</b>	✓		" " Bracket from forward 1/2 len. from stem to Panting Area	CONT 42	✓
" " Third " " "	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONT 42	✓
" " from 1/2 len. for'd. to 15% len. from Stem	15 x 4 x 4 1/2 59	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	CONT 42	✓
" " in Peaks, Angle <b>E</b>	8 3 36	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	75 x 44	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	7/8 @ 6 1/2 DIAS IN SIDE FMS. ✓ 1/8 @ 7 " " BOTTOM FMS. ✓		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	YES	✓	Breadth and thickness of Middle Line Strake	78 x 50	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Thickness of remainder in Holds	44 - 40	✓
Are the scantlings and arrangements in way of the Bottom Forward 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.	✓
<b>INGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	✓		<b>Uppermost Continuous Deck, amidships</b>	9 3 1/2 49	✓
Height of Brackets at side above base line at toe of frame	✓		" " in Walls Angle <b>E</b> or <b>F</b>	✓	
<b>Middle Line Keelson, on Floors, Angles, <b>E</b> or <b>F</b></b>	✓		" " in way of Bridge, Angle, <b>E</b> or <b>F</b>	✓	
" " Through Plate or Intercoastal Plate	✓		Spacing	31	✓
" " Foundation Plate on Floors	✓		<b>Second Deck, amidships, Angle <b>E</b> or <b>F</b></b>	12 3 1/2 45	✓
" " Flat Plate Keel Angles	✓		Spacing	31	✓
<b>Side Keelsons, No. each side</b>	✓		<b>Third Deck, amidships, Angle, <b>E</b> or <b>F</b></b>	✓	
" " thickness of Intercoastal Plate	✓		Spacing	✓	
" " Angles	✓		<b>Fourth Deck, amidships, Angle, <b>E</b> or <b>F</b></b>	✓	
<b>DOUBLE BOTTOM.</b>			Spacing	✓	
<b>Solid Floors, thickness and spacing</b>	42 EVERY 3 <sup>rd</sup> FRAME	✓	<b>Poop Deck, Angle, <b>E</b> or <b>F</b></b>	✓	
" " Are Frame and Reversed Frame joggled?	YES.	✓	Spacing	✓	
<b>Bracket Floors, breadth and thickness at middle line</b>	32 1/4 x 42	✓	<b>Bridge Deck, Angle, <b>E</b> or <b>F</b></b>	✓	
" " breadth and thickness at margin plate	32 1/4 x 42	✓	Spacing	7 3 31	✓
			<b>Forecastle Deck, Angle <b>E</b> or <b>F</b></b>	7 3 36	✓
			Spacing	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.
<b>PILLARS, No. of Rows.....</b>	CENTRE LINE BND WITH		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" in 'tween Decks, Size and Spacing.....	REINFORCED HATCH END		Thickness of Plating abreast Deck openings in way of Wells .....	41-35	App <sup>n</sup> 36-30
" " " " " "	BEAMS & HATCH SIDE GIRDERS		Thickness of Plating abreast Deck openings in way of Bridge .....		App <sup>n</sup>
" in Holds " " " "	EXTRA GIRDER UNDER UPPER DK IN WAY OF ENGINE SPACE		Thickness of Plating within line of openings...	39-35	34-30
" " " " " "	FITTED AT OWNERS REQUEST		If Sheathed, material and thickness .....	NOT SHEATHED	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	11x3 1/2 x 58 BA	✓	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	SPACED 62" APART	✓	If Plated, state thickness.....	✓	
	38	App <sup>n</sup> 30			
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Walls .....	66x65-47	App <sup>n</sup> 66x60-42	If Plated, state thickness .....	✓	
" " " " " in way of Bridge .....	✓				
" Angle in Wells .....	6 6 60	✓	<b>Poop Deck.</b>		
Thickness of Plating abreast Deck openings in way of Wells .....	60-50	App <sup>n</sup> 55-45	Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		Plating, Sheathing, material and thickness .....	✓	
Thickness of Plating within line of openings...	45-41	App <sup>n</sup> 40-36			
If Sheathed, material and thickness .....	NOT SHEATHED EXCEPT OVER ACCOM <sup>d</sup> AFT 5x2 1/2 P.P.	✓	<b>Bridge Deck.</b>		
			Stringer Plate, breadth and thickness.....	✓	
<b>Second Deck.</b>			Plating, Sheathing, material and thickness .....	✓	
Stringer Plate, breadth and thickness in Walls .....	72x45	App <sup>n</sup> 72x40			
			<b>Forecastle Deck.</b>		
			Stringer Plate, breadth and thickness .....	35x41	35x36
			Plating, Sheathing, material and thickness .....	NOT SHEATHED	32

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	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 .....	52	.78	.68	.68		DOUBLE	7/8	3 3/4	FOUR.	1	3 1/2	LAPPED.	
" DBLG. (if any)	3 STRAKES OF BOTTOM PLATING. FROM 1/2 LEN FP TO COLLISION BND -66.												
BOTTOM PLATING, No. of Strakes .....	FOUR	.60	.50	.50		DOUBLE	7/8	3 3/4	TREBLE	7/8	3 1/8	"	
BILGE PLATING, No. of Strakes .....	ONE	.60	.50	.50		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes .....	FOUR	.60	.46	.46		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells.....	58	.69	.46	.46		"	"	"	QUAD.	7/8	3 1/2	"	
UPPER DECK, Sheer-strake in Bridge ...	✓												
STRAKE BELOW Sheer-strake in Wells.....	58	.64	.46	.46		"	"	"	QUAD.	7/8	3 1/2	"	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING .....	SHELL PLATING IN WAY OF PANTING AREA .58												
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			40.			SINGLE	3/4	3	SINGLE	3/4	2 5/8	LAPPED	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel -	7
Extending to Upper Deck (Sec. 3 c)	1
" Deck next below	6
As per Rule	7

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar .....</b>	FLAT PLATE KEEL			
<b>STEM .....</b>	ROLLED 10x2 1/2			
<b>STERN FRAME</b> { Propeller Post .....	STEEL STREAM STEEL CO OF SCOTLAND			
{ Rudder .....	CASTING LINED RULE 10 1/2 x 8"			
<b>Speed of Vessel .....</b>	10 1/2 KNOTS.			
<b>RUDDER-Type .....</b>	DOUBLE PLATE STREAM LINED			
" A x D .....	616 619 on plan			
" Diam. of head .....	FORGING 11 1/2" W. BEAROMAREL CO			
" Mainpiece at top pintle .....	CASTING 10 1/2 x 10 5/8			
" heel .....	6 x 10 5/8 STEEL CO OF SCOTLAND			
" how constructed .....	COMPLETE CAST STEEL FRAME			
" double or single plate .....	DOUBLE 4.6			
" coupling, vertical or horizontal .....	HORIZONTAL			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHD, Upper tween decks</b>					
" " Second "					
" " Third "					
" " Holds .....	9.5	45-30	9x3 1/2 x 44 BA	24	24 1/2
<b>COLLISION</b> " (in Hold) .....		59-34	10 1/2 x 3 1/2 x 48 BA	21	21
<b>AFTER PEAK</b> " " .....		10-35	6 x 3 x 38 BA	21	21

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	(OPEN HEARTH)
	COLVILLES, STEEL CO OF SCOTLAND, LANARKSHIRE	
	Has the Steel been tested as required by the Rules?	YES.



Committee's Minute **GLASGOW** 20 AUG 1940  
Character assigned 1-100A1  
which fbd 8.40  
1- line 8.40 air Eng. 200 120 lb.  
Lloyd's Regi  
Foundation



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.)

FOR LIST OF APPROVED PLANS SEE ATTACHED SHEET.

PILLA

Centr  
Stiff

Plat

STRING  
Upper  
String

Thick

Thick  
in v

Thick

If Sh

Second  
String

STR

FLAT PLAT

" D

BOTTOM PLA  
of Strakes

BILGE PLAT  
Strakes

SIDE PLAT  
Strakes

UPPER DE  
strake in

UPPER DE  
strake in

STRAKE BE  
strake in

STRAKE BE  
strake in

POOP SIDE

BRIDGE SIDE

FORECASTLE

Total No.

MIDSHIP

COLLISION

AFTER PE

STEEL

PARTICULARS OF ELECTRIC WELDING (if employed)

HEADS & HEELS OF SOLID PILLARS, BULKHEAD CORNER BARS & A FEW MINOR ITEMS.

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

CRUISER STERN. D.F. LLOYDS A.C.P.

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

1st Bower  
2nd  
3rd

Wt. in Pms

44.0.0 : J.D. : 2403 : 22.11.39.  
44.1.14 : J.D. : 2387 : 14.11.39.  
38.1.11 : J.D. : 2093 : 18.7.39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 34.4 ft.

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

Official No. 167,621.

Signal Letters

Extreme Breadth over Belting  
(Circ. 1611)

Over-all Length 448.5  
(Circ. 1703)

No. and Material of Decks 10 KN SHELTER DN.

Parts of Bottom of Vessel coated with cement or approved composition Nos 1 & 6 D.B. TANKS CEMENTED, Nos 2, 3, 4 & 5 MINERAL OIL  
FEED TANKS & FORE & AFT PEAK TANKS CEMENTED.

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, 15 1/2 64 126.58	124.0	463	Fore peak tank,	✓	110
Double bottom, under Engines and Boilers, 57.66	46.5	220	After peak tank,	✓	185
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	25.83	1008
Double bottom, forward, 84 1/2 162 191.33	186.5	830	Other tanks, if fitted, Wing Tanks P.S.	12.92	246
Total length (if continuous) and Capacity 369.54		1513	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3452

Date 22<sup>nd</sup> JUNE 1939.

Dates of Surveys  
held while building

(1939) MAY 30. AUG. 2. 21. 30. SEPT. 1. 15. 18. 21. 22. 25. OCT. 3. 13. 19. 26. NOV. 1. 6. 15. 20. 28.  
DEC. 6. 19. 22. (1940) JAN. 4. 9. 15. 22. 24. 31. FEB. 6. 8. 15. 20. 23. 26. MAR. 2. 4. 5. 11. 13. 14. 18. 20. 25.  
24. 28. APRIL 1. 2. 4. 10. 12. 22. 24. MAY 9. 14. 22. 24. JULY 25. AUG. 4. 8.

Total No. of Visits 59.