

STEEL STEAMER or MOTORSHIP.

Received at London Office

Date of completion of report

Survey held at *Glasgow*

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

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

TONNAGE under Tonnage Deck

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.

Length

Breadth

Depth

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Port of *Glasgow*

Date First Survey

Last Survey

No. *48537*

1928

On the *Twin Screw Double Ended Ferry (Motor) "M.O.P. S.B.A."*

Machinery amidships

State Type of Erections

Built at *Glasgow*Launched *20th August 1928* Yard No. *1559*Builders *Yarrow & Co Ltd*Owners *Director General of Navigation & Harbours*Managers *Buenos Ayres*

Residence

Port of Registry *Buenos Ayres*

If surveyed while building, afloat, or 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.
Spacing amidships	24		Bracket Floors, Frame		
" from $\frac{3}{4}$ length to Collision bulkhead	24		" " Reversed Frame		
" in peaks	24		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
amidships, Angle, <i>E or F</i>	3 2 18		" " top Angles		
" Extends up to	Upper Deck		" " bottom Angles		
Frame Amidships, Angle	2 2 18		Side Girders, No. each side and thickness		
" Extends up to	Bilge to Bilge		Margin Plate depth (excl. of flange) and thickness		
Framing Girder	3		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
Second 'tween Decks, Angle, <i>E or F</i>			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
Third " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
in Peaks, Angle <i>E or F</i>	3 2 18		Tank Side Brackets, height above base line at toe of Frame and thickness		
and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{1}{2}$ @ $3\frac{1}{2}$		INNER BOTTOM PLATING.		
Frame Joggled	No		Breadth and thickness of Middle Line Strake		
ARRANGEMENTS (Sec. 7), state system and particulars			Thickness of remainder in Holds		
FINISHING OF BOTTOM FOR			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?		
State Particulars			BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships	3 2 25	
Depth and thickness at mid-line in Holds	12 x 15		" " in way of Bridge, Angle, <i>E or F</i>		
Height of Brackets at side above base line at toe of frame	22		" " in way of Bridge, Angle, <i>E or F</i>		
Line Keelson, on Floors, Angles, <i>E or F</i>	2 2 18		Spacing	24	
" " Through Plate or Intercoastal Plate	12 x 18		Second Deck, amidships, Angle, <i>E or F</i>		
" " Foundation Plate on Floors	24 x 18		Spacing		
" " Flat Plate Keel Angles	2 2 18		Third Deck, amidships, Angle, <i>E or F</i>		
Keelsons, No. each side	Two		Spacing		
" thickness of Intercoastal Plate	14		Fourth Deck, amidships, Angle, <i>E or F</i>		
" Angles	2 2 18		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E or F</i>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E or F</i>		
			Spacing		

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				
" in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " "					Thickness of Plating within line of openings...				
" " " " "					If Sheathed, material and thickness				
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					If Plated, state thickness				
" " " " in way of Bridge					Poop Deck.				
" Angle in Wells					Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells					Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge					Bridge Deck.				
Thickness of Plating within line of openings...					Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness					Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...					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. State if joggled? <i>Yes.</i>			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	30	.23	.23	.23	✓	Single	1/2	2	Two	1/2	2	Strapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes <i>Four</i>	45	.23	.23	.23	✓	Single	1/2	2	Two	1/2	2	Strapped	
BILGE PLATING, No. of Strakes <i>One</i>	45	.23	.23	.23	✓	Do	1/2	2	Two	1/2	2	Do	
SIDE PLATING, No. of Strakes <i>One</i>	45	.23	.23	.23	✓	Do	1/2	2	Two	1/2	2	Do	
UPPER DECK, Sheer- strake in Wells.....	54	.25	.25	.25	✓	Do	1/2	2	Two	1/2	2	Do	
UPPER DECK, Sheer- strake in Bridge ...		✓	✓	✓									
STRAKE BELOW Sheer- strake in Wells.....	45	.23	.23	.23	✓	Single	1/2	2	Two	1/2	2	Strapped	
STRAKE BELOW Sheer- strake in Bridge ...			✓										
POOP SIDE PLATING			✓										
BRIDGE SIDE PLATING ...			✓										
FOREC'TLE SIDE PLATING			✓		✓								

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "					
"	" Holds	18" x 12	2½" x 20	24"	22½"	24"
COLLISION " (in Hold)		18" x 12	2½" x 20	24"	22½"	24"
AFTER PEAK " "		18" x 12	2½" x 20	24"	22½"	24"

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	} Cast Steel			
STERN FRAME { Propeller Post		as per approved	Steel Company	
{ Rudder		plan	of Scotland	
RUDDER 	26.45 ft		Fife Forge Co	
Speed of Vessel	9.18 knots			
RUDDER mainpiece at head	6½"			
" " heel	✓			
" how constructed	Forged Steel Double plate			
" double or single plate	Double 25			
" coupling, vertical or horizontal	Balanced Rudder			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *The Steel Company of Scotland Ltd. Simon Open Hearth Process*
Roman Long & Co. & David Colville & Son Ltd.
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.)

List of Plans

Midship Section as built forwarded in advance

- ✓ Midship Section
- ✓ General Arrangement (Profile)
- ✓ General Arrangement (Upper Deck and Hold)
- ✓ Engine Stating
- ✓ Machinery Stating (Amended)
- ✓ Rudders
- ✓ Propeller Brackets
- ✓ Stern Frames
- ✓ Longitudinal Girders
- ✓ Scheme of Rivetting
- ✓ Bulkheads
- ✓ Fore and Aft and Framing
- ✓ Deck Plating
- ✓ Stiffening for voyage (Cancelled)
- ✓ Arrangements for voyage
- ✓ Specification
- ✓ Tying and Coating Certificate of Rudders, Stern Frames and Stern Lugs

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

1st Bower

2nd "

3rd "

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

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *One Dk 5th Peak Sheathing*

Official No. *1011* : Signal Letters *✓*

particulars of composition *Paint* Is bottom of Vessel coated with cement *No* if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *5901*

Date *15.3.28*

Dates of Surveys held while building

1928 Apr 2. 4. 11. 24. May 21. June 1. July 3. 5. 9. 26. 30 Aug 3. 7. 9. 16. 17. 20. 27 Sep 3. 10
Oct 1. 11. 15. 18. 19. 20. 22. 26

Lloyd's Register
Total No. of Visits *28*