

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office 18 APR 1925

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

16-4-25.

Port of

LEITH.

No.

16711.

Survey held at

LEITH.

Date First Survey

15-10-24.

Last Survey

9-4-1925

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

STEEL SINGLE SC. TUG "WILLIAM MESSINA."

(Mach. Aids ships.)

State Type

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

FULL SCANTLING. FLUSH DECK.

State Type of Erections

✓

TONNAGE under Tonnage Deck...

117.96

CLASS *+100 A.L. FOR TOWING PURPOSES.*

State if with freeboard as condition of Class

No.

Built at

LEITH.

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 90.00

Launched 12-3-25

Yard No. 21.

Total

117.96

Breadth (greatest moulded)

B 20.00

Builders HY. ROBB LTD.

Gross Tonnage

120.15

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

D 11.00

Owners UNION CASTLE MAIL S.S. CO. LTD.

Register Tonnage

39.20

1st Longitudinal Number (L x D) =

990

Managers

✓

2nd Numeral L x (B + D) =

2790

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

REGISTERED DIMENSIONS. FEET.

Length

90.2

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

9.5

Residence 3. FENCHURCH ST. E.C.3.

Breadth

20.1

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

8.18

Port of Registry LONDON.

Depth

9.9

Do. Long Bridge to top of keel

✓

If surveyed while building, afloat, or in dry dock

YES.

## 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>	21"	✓	<b>Bracket Floors, Frame</b>		
" " from 1/2 length to Collision bulkhead	21"	✓	" " Reversed Frame		
" " in peaks	21"	✓	" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Frame Amidships, Angle, <del>E or F</del></b>	4 3 .33	✓	" " top Angles		
" " Extends up to	Upper Dk.	✓	" " bottom Angles		
<b>Reversed Frame Amidships, Angle</b>	Sing. Ang. for	✓	<b>Side Girders, No. each side and thickness</b>		
" " Extends up to	✓	✓	<b>Margin Plate</b> depth (excl. of flange) and thickness		
<b>Depth of Framing Girder</b>	4"	✓	" " Vertical Angle to Tank side		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>			Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward 1/4 len. from stem		
<b>Framing in Peaks, Angle <del>E or F</del></b>	4 3 .28	✓	" " Gussets, spacing and scantling		
<b>Diameter and Spacing of Rivets through Shell Plating</b>	7 and 5 1/2 dia	✓	abaft 1/4 len. from stem		
<b>State if Frame Joggled</b>	Yes.	✓	" " Gussets, spacing and scantling		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars			forward 1/4 len. from stem		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>SINGLE BOTTOM.</b>			<b>INNER BOTTOM PLATING.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	18" x .30	✓	Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame	Floors Straight across.	✓	Thickness of remainder in Holds		
<b>Middle Line Keelson, on Floors, Angles, <del>E or F</del></b>	3 1/2 x 3 x .36 BR. 46	✓	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?		
" " " Through Plate or Intercostal Plate	.30 BR. 46	✓	<b>BEAMS.</b>		
" " " Foundation Plate on Floors	✓	✓	<b>Uppermost Continuous Deck, amidships</b>	4 x 3 x .30	✓
" " " Flat Plate Keel Angles	3 1/2 x 3 1/2 x .30	✓	" " " in Wells, Angle, <del>E or F</del>		
<b>Side Keelsons, No. each side</b>	One.	✓	" " " in way of Bridge, Angle, <del>E or F</del>		
" " thickness of Intercostal Plate	✓	✓	Spacing	Every frame	✓
" " Angle	5 x 4 x .38 BR. 48	✓	<b>Second Deck, amidships, Angle, [ or ]</b>		
<b>DOUBLE BOTTOM.</b>			Spacing		
<b>Solid Floors, thickness and spacing</b>			<b>Third Deck, amidships, Angle, [ or ]</b>		
" " Are Frame and Reversed Frame joggled?			Spacing		
<b>Bracket Floors, breadth and thickness at middle line</b>			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
" " breadth and thickness at margin plate			Spacing		
			<b>Poop Deck, Angle, [ or ]</b>		
			Spacing		
			<b>Bridge Deck, Angle, [ or ]</b>		
			Spacing		
			<b>Forecastle Deck, Angle, [ or ]</b>		
			Spacing		

00100-00100-598600

© 2020

Lloyd's Register Foundation



## PILLARS AND DECKS.

[illegible]

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Ordinary.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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 .....	36"	.40 ✓	.38 ✓	.38 ✓	Ends .36 app <sup>d</sup>	Double.	3/4	3"	Tret. 1/2 L.	3/4	2 5/8	Strapped.	
" DBLG. (if any) } " RUBBING PLT. }	18"	.50 ✓	.50 ✓	.50 ✓	.30 app <sup>d</sup>	—	"	"	—	"	"	—	
BOTTOM PLATING, No. of Strakes ..... }	A. B. 50" 49"	A. B. .375 .375	A. B. .375 .375	A. B. .375 .375	.30   .26 app <sup>d</sup>	Single.	"	"	Double.	"	"	Lapped.	
BILGE PLATING, No. of Strakes ..... }	C. 44"	.375	.375 ✓	.375 ✓	.30   .26 "	"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes ..... }	D. 41"	.375	.375	.375 ✓	41" x .32   .26 "	"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells ..... }	E. 41"	.375	.375	.375 ✓	41" x .32   .26 "	Single (Lower)	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Bridge ... }													
STRAKE BELOW Sheer-strake in Wells..... }													
STRAKE BELOW Sheer-strake in Bridge ... }													
POOP SIDE PLATING .....													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING													

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c).....			<i>Four.</i>				
,, Deck next below.....			✓				
As per Rule.....			<i>Four.</i>				
			STIFFENERS.				
			Plating Thickness.	VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Tween decks....							
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
"	"	"					
		Holds	<i>7' x 34'</i>	<i>.38   .26</i>	<i>4½ x 3½ x 32</i>	<i>30"</i>	✓ ✓
<b>COLLISION</b>		(in Hold)	✓	<i>.34   .30</i>	<i>6 x 3 x .34]</i>	<i>24"</i>	✓ ✓
<b>AFTER PEAK</b>			.....	<i>.44   .30</i>	<i>4½ x 3 x 36</i>	<i>24"</i>	✓ ✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓	✓	✓	✓
<b>STEM</b> <i>Rolled Steel bar.</i>	<i>Rolled.</i>	<i>6" x 1 1/4"</i>	<i>D. Colville Sons, Ltd.</i>	<i>5' x 1" app'd.</i>
<b>STERN</b> { Propeller Post	} <i>Forging.</i>	<i>5 1/4" x 2 1/4"</i>	<i>Emerson Walker + Thompson Sons.</i>	✓
<b>FRAME</b> { Rudder ..		<i>5" x 2 1/4"</i>		✓
<b>RUDDER—A x D</b> .....	<i>52</i>			✓
<b>Speed of Vessel</b> .....	<i>Under 12 knots.</i>			✓
<b>RUDDER</b> mainpiece at head	} <i>Forging.</i>	<i>4 1/2" dia.</i>	<i>Emerson Walker + Thompson Sons.</i>	✓
" " heel		<i>3 1/2 "</i>		✓
" how constructed .....	<i>Forged, with built around.</i>			✓
" <del>double or</del> single plate	<i>.54</i>			✓
" <del>coupling vertical or</del>	✓			✓
" <del>horizontal</del> .....				✓
<b>STEEL.</b>				
Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Open hearth process.</i> <i>Lanarkshire S. Co. Ltd. Sth. Co. of Scot. Ltd. Skinningrove I. Co. Ltd.</i>				
Has the Steel been tested as required by the Rules? <i>Yes.</i>				



EQUIPMENT No. 2790.										LETTER ✓	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.			
15836	1st Bower	5	-	-	✓	✓		✓	5	-	-	5.	Dayles Wrt. Stables Kendrick + Wole	LPH. BC. 2-1-25. A. Jones.
15837	2nd "	5	-	-	✓	✓		✓	5	-	-	5.	" " "	" " " "
	3rd "												" " "	" " " "
	Collective weight.	10	-	-					10					
	Stream													

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		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.	Statutory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
28183	60	7/8	9 1/2	18 1/2	27-0-0	25 1/2	60	7/8	Short L.	Not Stated.	LPH. BC. 11-12-24 A. Jones.	HAWSERS & WARPS	75	5 1/2	✓	60	5 1/2		
Iron Stream Chain or Steel Wire		Cir.						Cir.					60	3	✓	60	3		

Steering Gear, Steam	+ hand Combined by Haskie Co. Ltd.										Steering Gear, Hand	Hand Tiller.																																																					
Boats	1. Lifeboat (Wood.)										Steering Chains, Size and Test	5/8" dia. 4 5/8 Tons.										Windlass	Steam and hand Combined by Emerson Walker & Thompson Ltd.																																										
Ceiling in Holds, thickness and material	None.										Cargo Battens, thickness, material and spacing	None.																																																					
Cargo Hatchways.—(Upper Deck)	None.										Thickness of Hatches	✓																																																					
Size of No. 1 Hatchway (Forward)	✓										No. 2	✓										No. 3	✓										No. 4	✓										No. 5	✓										No. 6	✓									
Number of Shifting Beams and/or Fore and Afters	✓																																																																
											HENRY ROBB, LIMITED																																																						
											Builder's Signature Robert Crawford Director																																																						

GENERAL DECLARATION This vessel has been built in accordance with the approved plans and instructions as well as with the printed Rules.

The materials and workmanship are good.

The freeboard has been verified, and the markings cut in on the vessel's sides.

The Peak Tanks, weather decks & bulkheads, have been satisfactorily tested as per Rule Regs. (No tunnel, W.T. doors, or hand pumps in vessel.)

Shell plates Connecting Sternframe - 3/15 in thickness.

The Owners' Sanction that the vessel be built to the revised rules was obtained.

Plans forwarded herewith. Midship Section, Profile & HK, Bldg, Rudder & Sternframe, Eng. & Boiler Seatings, Pumping Arrangements, Amendment to HK and Boiler Casings, & 2 Forging Reports.

Freeboard.	2 - 0 - 0	Fees applied for, 17-4-1925.	Received by me, 22/4/25	I am of opinion the Vessel should be Classed +100 A1. for Towing purposes
The amount of Entry Fee .....	£ 2 - 0 - 0			
Special Survey Fee....	£ 20 - 0 - 0	State whether the Vessel has been built under Special Survey Yes.	Signature	Surveyor to Lloyd's Register of Shipping.
Travelling Expenses, if any £	: ✓ :			
Certificate to be sent to	Builders.	Date of issue	23/4/25.	

Committee's Minute TUES. 21 APR 1925

Character assigned + 100 A1 for Towing Services

Lloyd's Assoc. + Lmb. 3, 25 Cl.

W. H. 21/4/25

© 2020 Lloyd's Register 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.)

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

1st Bower *Taylor's Type Knot.*  
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 and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

*1. Pl. Steel Wood Sheathed (Peak).*

Official No. *148573.*; Signal Letters

If bottom of Vessel has been coated Inside *Yes.*

particulars of composition *E.P. Space Briggs Bituminous Enamel. Cement elsewhere.*

**PARTICULARS OF WATER BALLAST.**—

PARTICULARS OF WATER BALLAST.—					
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Cap.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	8.75	11.7
Double bottom, under Engines and Boilers,			After peak tank,	8.75	17.1
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. *1130.*

Date

*24-9-24.*

Dates of Surveys held while building

*1924: Oct. 15, 27. Nov. 3, 10, 20, 27. Dec. 2, 8, 16, 26.  
1925: Jan. 15, 22, 28. Feb. 12, 16, 18, 26, 27. Mar. 4, 10, 12, 17, 20, 23, 27, 31. Apr. 2, 6, 7, 9.*

© 2020

Lloyd's Register Foundation  
Total No. of Visits