

Rpt. 1.

DISCLOSED

SECTION

No. 810

# STEEL STEAMER OF MOTORSHIP.

14 SEP 1926

Received at London Office

DISCLOSED

SECTION

No. 16 No. 97. 810 C

Date of completion of report 13<sup>th</sup> August 1926

Survey held at *Leith*

Date First Survey 8<sup>th</sup> February 1926

Port of *Leith*

Last Survey 8<sup>th</sup> September 1926

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling. For towing services*

"WELLINGTON" (machinery aft)

State Type of Erections *Saloon Home + E.D. carings*

TONNAGE under Tonnage Deck... 240.66

CLASS *T100A1 For TOWING SERVICES*

State if with freeboard as condition of Class *no*

Built at *Leith*

Do. of space or spaces between Tonnage Dk. and Upper Dk. 44.76

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 105.0

Launched 24 June Yard No. 136

Total 285.42

Breadth (greatest moulded) B 27.0

Builders John Cran Somerville L<sup>td</sup>

Gross Tonnage 285.42

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13.6

Owners Alexandra Towing Co L<sup>td</sup>

Register Tonnage *nil*

1st Longitudinal Number (L x D) = 1417.5

Managers S.J. Procter

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

## REGISTERED DIMENSIONS. FEET.

Length 105.0

Breadth 27.0

Depth 12.25

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

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

Do. Long Bridge to top of keel ✓

Draught Moulded 12.3

Residence *Liverpool*

Port of Registry *Liverpool*

If surveyed while building, afloat, or in dry dock *on stocks while building*

## 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	22		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	22		" " Reversed Frame		
" " in peaks	22		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle E or F	4 1/2 3 .35		" " top Angles		
" " Extends up to	<i>clck</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness		
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	/		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" " Second 'tween Decks, Angle, E or F	/		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " " "	/		" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle F	4 1/2 3 .38		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	✓		Thickness of remainder in Holds		
TRENGTHENING OF BOTTOM FORWARD. State Particulars	✓		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?		
INGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	20 .35		Uppermost Continuous Deck, amidships	5 3 .35	
Height of Brackets at side above base line at toe of frame	40 ES		<i>short beams at ENS casing</i>	4 1/2 3 .32	
Middle Line Keelson, on Floors, Angle, E or F	7 1/2 3 .42	<i>Double</i>	<i>E or F casing</i>	3 1/2 3 .30	
" " Through Plate or Intercoastal Plate	✓		Spacing	22	
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, E or F		
Flat Plate Keel Angles	✓		Spacing		
<i>side stringers</i> 4 1/2 x 3 x .35	✓		Third Deck, amidships, Angle, E or F		
side Keelsons, No. each side	1		Spacing		
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, E or F		
<i>at ends of floors from frame 12 1/2 Stem</i>	4 1/2 3 .35		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing	/		Spacing		
" " Are Frame and Reversed Frame joggled?	/		Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line	/		Spacing		
" " breadth and thickness at margin plate	/		Forecastle Deck, Angle, E or F		
			Spacing		

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No. 810C

013794-013805-0198 1/2

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# 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> <i>One centre row</i>					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 .....				
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of .....					If Plated, state thickness.....				
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b> <i>annexed</i>					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells <i>.30 65"</i>					If Plated, state thickness .....				
" " " " in way of Bridge					<b>Poop Deck.</b>				
" 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 .....					<b>Bridge Deck.</b>				
Thickness of Plating within line of openings... <i>.30</i>					Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness .....					Plating, Sheathing, material and thickness ...				
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
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 jogged? <i>no</i>		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	NO. OF ROWS OF RIVETS.	RIVETS. Diam. Spacing cr. to cr.	STRAPPED OR LAPPED.		
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.								
FLAT PLATE KEEL .....												
" DBLG. (if any)												
<i>Garboard</i>												
BOTTOM PLATING, No. of Strakes <i>A</i>		<i>.44</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	<i>3/4"</i>	<i>3"</i>	<i>Three</i>	<i>3/4"</i>	<i>2 5/8"</i>	<i>Strapped</i>
BILGE PLATING, No. of Strakes <i>B</i>		<i>.375</i>	<i>.375</i>	<i>.375</i>		"	"	"	<i>Two</i>	"	"	<i>Lapped</i>
SIDE PLATING, No. of Strakes <i>C</i>		<i>.375</i>	"	"		"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells <i>D</i>		<i>.375</i>	"	"		"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Bridge <i>E</i>		<i>.375</i>	"	"		<i>Double single</i>	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Wells <i>F</i>		<i>.375</i>	"	"		"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge <i>G</i>		<i>.44</i>	<i>.44</i>	<i>.44</i>		<i>Double</i>	"	"	<i>Three</i>	"	"	<i>Strapped</i>
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>					
Extending to Upper Deck (Sec. 3 c) <i>4</i>					
" Deck next below <i>✓</i>					
As per Rule <i>3</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHD, Upper tween decks</b>					
<i>Partial WT</i> Second Frame 12	<i>28</i>	<i>26</i>	<i>4x3x30</i>	<i>28</i>	<i>✓</i>
<i>Partial WT</i> Third Frame 10	<i>40</i>	<i>30</i>	<i>4x3x30</i>	<i>30</i>	<i>✓</i>
<i>WT flat connecting</i> Holds Frame 42	<i>45</i>	<i>26</i>	<i>5x3x38</i>	<i>27</i>	<i>✓</i>
<b>COLLISION</b> (in Hold)	<i>40</i>	<i>26</i>	<i>5x3x38</i>	<i>24</i>	<i>✓</i>
<b>AFTER PEAK</b>	<i>50</i>	<i>28</i>	<i>4 1/2 x 3 x 34</i>	<i>24</i>	<i>✓</i>
<i>above tank top</i>					
<i>below tank top</i>					
<b>STEEL.</b>					
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Steel Co. Consett Iron Works, Cargo Fleet Co</i>					
Has the Steel been tested as required by the Rules? <i>yes</i>					

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b>	<i>rolled steel bar</i>	<i>7x1 3/8</i>		
<b>STEM</b>		<i>7x1 3/8</i>		
<b>STERN FRAME</b>	<i>forged</i>	<i>6x3</i>		
Propeller Post	"	<i>6x3</i>		
Rudder	"	<i>6x3</i>		
<b>RUDDER—A x D</b>		<i>130.2</i>		
<b>Speed of Vessel</b>		<i>not ex 10 knots</i>		
<b>RUDDER</b> mainpiece at head		<i>6"</i>		
" " heel		<i>4 1/2"</i>		
" how constructed		<i>Main piece, Arm. &amp; plate</i>		
" double or single plate		<i>single</i>		
" coupling, vertical or horizontal		<i>mainpiece stock in one piece.</i>		



EQUIPMENT No. ✓												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.	
29508	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Rogers Improved	✓	LPH Sunderland 11-6-26 JHB
29507	2nd " ...	8	1	7				10	10	0	0	"	"	✓	" " " "
	3rd " ...														
	Collective weight.	16	3	7								16 0 0			
16240	Stream .....	1	0	14				17	3	5		approved	Common	✓	LPH Cardiff 8-8-25 AJ

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.	Breaking-tons.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
28629	132	1 1/2	18	27	61	qrs. lbs.	92	132	1 1/2	approved SL ✓	LPH Netherton 21-4-26 HCS	21-5-26 W.H.	TOWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
28622	132	"	"	"	58	qrs. lbs.	92	132	1 1/2					"	" Sunderland 30-1-26 JHB	60	6		
28621	132	"	"	"	58	qrs. lbs.	92	132	1 1/2					"	" 21-5-26 W.H.	60	4 1/2		
28630	132	"	"	"	58	qrs. lbs.	92	132	1 1/2					"	"	"	"		
28632	132	"	"	"	58	qrs. lbs.	92	132	1 1/2					"	"	"	"		
Iron Stream Chain Steel Wire	45	7/16	2 1/4	4 1/2	5	3				Cir.	Short	" Netherton 16-4-26 HCS	"						

Steering Gear, Steam *Douglas & Co Newcastle* fitted with *break* Steering Gear, Hand *Teller & relieving tackle*

Boats *2 life boats* Steering Chains, Size and Test *7/8 dia 7.2.2.0* Windlass *Clark Chapman*

Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways.-(Upper Deck) ☒ 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 ☒

JOHN CRAN & SOMERVILLE LTD.  
Builder's Signature *J. Duncan Cran.* MANAGING DIRECTOR.

GENERAL DECLARATION *This Vessel has been built in accordance with the approved plans and in general accordance with the Rules.*

*The material and workmanship are good*

*The timberwork has been verified, & the marks cut on the Veneers.*

*The beam tanks, weather decks, bulkheads & hand pumps have been tested to Rule Requirements & found satisfactory.*

*The shell plating & stern frame is as per rule.*

*The approved plans are forwarded herewith as follows:-*

*Midship Section - Profile & deck - W.T. Bulkheads - Stern Frame & Rudder - Position of masts & bights & keelson - Pumping - Engine & Boiler seats. Also two forging reports.*

The amount of Entry Fee ..... £ *3 2 0* Fees applied for, *13-9-1926*

*Fussard* Special Survey Fee.... £ *28 10 -* Received by me, *3.6.27*

Travelling Expenses, if any £ *(32) 12 6*

I am of opinion the Vessel should be Classed *T100A1* FOR TOWING SERVICES

State whether the Vessel has been built under Special Survey *yes* Signature *Ernest Edwards* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to \_\_\_\_\_ Date of issue \_\_\_\_\_

Committee's Minute *FRI. 17 SEP 1926* *TUES. 31 MAY 1927*

Character assigned *100 A1*

*For Towing Services*

*Lloyd's A.S.C.P.* *+ L.M.C. 9:26*

*My*

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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 Li 4.  
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  
2nd „  
3rd „

4-3-6 MB 2748 27 April 26  
4-3-8 MD 2751 27 April 26

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

1D<sup>n</sup>(5<sup>th</sup>)

Official No. 149599; Signal Letters

Is bottom of Vessel coated with cement ☒ if not

particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Tons.
Double bottom, aft,			Fore peak tank,	✓	3
Double bottom, under Engines and Boilers,			After peak tank,	5-6	
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. 1143

Date

21 Jan 1926

Dates of Surveys held while building

1926 Feb 8, 9, 22, Mar 2, 10, 29, 31  
Apr 2, 9, 20, 24, May 6, 20, June 9, 19, 23, 27  
July 1, 5, 15, 22, Aug 4, 21, 24, Sept 1, 2, 4, 7, 8

Total No. of Visits