

STEEL STEAMER or MOTORSHIP.

31 AUG 1927

Received at London Office

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

30-8-27.

Port of

Dundee

No.

8615.

Survey held at

Dundee

Date First Survey

7-1-27

Last Survey

22-8-1927

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

Twin S.S. "MARLOWE"

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

Ferry

State Type of Erections

TONNAGE under Tonnage Deck...

602.05

CLASS #100A1 *Ferry*. State if with freeboard *Yes*

OLD RULES

Purposes condition of Class

FORE SIDE R. S. PROCK. FEET.

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

Total

602.05

Gross Tonnage

812.83

Register Tonnage

342.28

Built at

Dundee

Launched

29-6-27

Yard No. 307

Builders

The Caledon S.B. Eng. Co. Ltd.

Owners

The Mayor, Aldermen, & Burgesses of the Borough of Wallasey.

Managers

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

Residence

Port of Registry

Liverpool.

If surveyed while building, afloat, or in dry dock

Yes.

REGISTERED DIMENSIONS.
FEET.

Length

151.4

Breadth

48.15

Depth

14.5

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

L 151.5

Breadth (greatest moulded)

B 48.0

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

D 14.5

TRANSVERSE 1st Longitudinal Number (B + D)

= 62.5

LONG. 2nd Numeral L x (B + D)

= 9469

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

13.5 midships
5.83 side tanks

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

10.44

Do. Long Bridge to top of keel

Draught Moulded

9.5" mean max.

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	24				Bracket Floors, Frame				
" " from $\frac{1}{2}$ length to Collision bulkhead	24				" " Reversed Frame				
" " in peaks	24				" " Vertical Struts				
SIDE FRAMING.					Centre Girder, depth and thickness amidships				
Frame Amidships, Angle, E or F <i>SIDE FRAMING</i>	5 1/2	3	44	OA	" " top Angles				
" " Extends up to	5 1/2	3	4	OA	" " 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					" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem				
Frames in Uppermost Continuous 'tween Decks, Angle, E or F					" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem				
" " Second 'tween Decks, Angle, E or F					" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem				
" " Third " " " "					" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem				
Framing in Peaks, Angle	4	3	36	OA	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	5/4			INNER BOTTOM PLATING.				
State if Frame Joggled	Yes	in way of M.B. side Comp.			Breadth and thickness of Middle Line Strake				
PANTING ARRANGEMENTS (Sec. 7), state system and particulars					Thickness of remainder in Holds				
STRENGTHENING 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?				
SINGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds	12	3 1/2	3 1/2	45/80	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5	3	35	
R.O.A. Height of Brackets at side above base line at toe of frame	24				" " in way of Bridge, Angle, E or F				
Middle Line Keelson, on Floors, Angles, E or F	8	6	44	R.S. Joist	Spacing	24			
" " Through Plate or Intercoastal Plate	12	3 1/2	3 1/2	45/80	Second Deck, amidships, Angle, E or F				
" " Foundation Plate on Floors					Spacing				
" " Flat Plate Keel Angles					Third Deck, amidships, Angle, E or F				
Side Keelsons, No. each side	ONE				Spacing				
" " thickness of Intercoastal Plate	12	3 1/2	3 1/2	45/80	Fourth Deck, amidships, Angle, E or F				
" " Angles	12	40			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				

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. <i>ONE ROW CENTRE</i>					Stringer Plate, breadth and thickness in way of Bridge				
<i>6 LONG BULKHEADS EACH SIDE</i>					Thickness of Plating abreast Deck openings in way of Wells				
" in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Bridge				
" " " " "					Thickness of Plating within line of openings...				
" in Holds " "					If Sheathed, material and thickness				
<i>" LONG"</i> " " "					Third Deck.				
Centre Line Bulkhead. P.S.					Stringer Plate, breadth and thickness.....				
Stiffeners and Spacing.....	<i>5 1/2</i>	<i>3</i>	<i>42</i>	<i>L</i>	If Plated, state thickness.....				
Plating, thickness of	<i>Spaced</i>	<i>30</i>	<i>24"</i>		Fourth Deck.				
STRINGERS AND DECKS.					Stringer Plate, breadth and thickness.....				
Uppermost Continuous Deck.					If Plated, state thickness				
Stringer Plate, breadth and thickness in Wells	<i>52</i>		<i>34</i>		Poop Deck.				
" " " " in way of Bridge					Stringer Plate, breadth and thickness				
" Angle in Wells	<i>4</i>	<i>3</i>	<i>34</i>		Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Wells			<i>28</i>		Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge					Stringer Plate, breadth and thickness.....				
Thickness of Plating within line of openings...		<i>20</i>			Plating, Sheathing, material and thickness ...				
If Sheathed, material and thickness		<i>3</i>	<i>Yeak</i>		Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells...					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>Bottom Yes</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing or to cr.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Diam.	Spacing or to cr.	
FLAT PLATE KEEL	<i>48</i>	<i>50</i>	<i>50</i>	<i>36</i>		<i>Double</i>	<i>3/4</i> <i>3</i>	<i>Treble</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
" DBLG. (if any)		<i>✓</i>				<i>✓</i>					
BOTTOM PLATING, No. of Strakes ...		<i>32</i>	<i>32</i>	<i>29</i>		<i>Single</i>	" "	<i>Double</i>	"	"	"
BILGE PLATING, No. of Strakes ...		<i>34 1/4</i>	<i>30</i>	<i>29</i>		<i>Double 0 1/4</i>	" "	<i>Double</i>	"	"	"
SIDE PLATING, No. of Strakes ...		<i>32</i>	<i>28</i>	<i>29</i>		<i>Single</i>	" "	<i>Double</i>	"	"	"
UPPER DECK, Sheer-strake in Wells ...		<i>45</i>	<i>35</i>	<i>35</i>		<i>Double 0 1/4</i>	" "	<i>Double</i>	"	"	"
UPPER DECK, Sheer-strake in Bridge ...						<i>Single</i>	" "	<i>Treble</i>	"	"	"
STRAKE BELOW Sheer-strake in Wells.....						<i>Double</i>	" "	<i>Double</i>	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING											

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *5*Deck next below *✓*As per Rule *✓*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	<i>43 3/4</i>				
" " Second	<i>FR 36</i>	<i>43 3/4</i>	<i>30</i>	<i>7x3x38 BA 36</i>	<i>✓</i>
" " Third	<i>FR 54</i>	<i>34</i>	<i>28</i>	<i>4x3x30 OA 30</i>	<i>W.T. FLAT.</i>
" " Holds	<i>FR 64</i>	<i>34</i>	<i>30</i>	<i>5x3x32 OA 30</i>	<i>W.T. FLAT.</i>
COLLISION " (in Hold)		<i>34</i>	<i>30</i>	<i>5x3x36 OA 24</i>	<i>W.T. FLAT.</i>
AFTER PEAK " "		<i>26</i>	<i>28</i>	<i>5x3x36 OA 30</i>	<i>✓</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>✓</i>			
STEM	<i>R.S.B</i>	<i>7x2</i>		
STERN FRAME	<i>A BRACKETS</i>	<i>12x3 1/2</i>		
Propeller Post	<i>Casting</i>			
Rudder "				
RUDDER—A x D	<i>FLETTNER PATENT</i>	<i>30 sq. ft</i>	<i>FIN 4.09.94</i>	
Speed of Vessel		<i>12 KNOTS.</i>		
RUDDER mainpiece at head ...				
" " heel ...				
" how constructed				<i>✓ SEE SPECIAL PLANS.</i>
" double or single plate				
" coupling, vertical or				
" horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Siemens Martin*PLATES: *Wm Beardmore & Co Ltd, David Colville & Sons Ltd, R. Durham & Sons Ltd, Pease, Partners Ltd, Forthright & Co Ltd*Has the Steel been tested as required by the Rules? *Yes*

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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.)

SISTER VESSEL — T.S.S. "WALLACEY" REPORT NO 8607

LIST OF PLANS:—

(Same as for T.S.S. Wallacey) Midship Section (2 sheets).
Profile & Decks.
Pumping Plan (2 sheets).
Aft. End Framing & Main & Aux. Engine Settings.
Multiple Rivetting.
Collision Compartments & Oil Fuel Tanks.
Proposed manhole in Bld. 12.
Flat Plate Keel & Centre Girders.
Davit Mast.
"Flettner" Rudder (3 sheets).
Rudder Trunk Casting with Lower Bearing.
Arrangement of Emergency Tiller Stoppers.
Emergency Steering Tackle.
Propeller A Brackets.

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) 1 Deck (wood & Pat Steel),

Official No. 149635 ; Signal Letters _____ Is bottom of Vessel coated with cement ☒ if not give particulars of composition Bitumastic.

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,	8'0"	16
Double bottom, if under Boilers only,			Deep tank, forward,	18'0"	50
Double bottom, forward,			Other tanks, if fitted, Fresh Water	4'0"	21
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.

Date

Dates of Surveys held while building

1932
Jan 7, 10, 24 Feb 10, 17, 21, 25, 28. March 7, 10, 14, 16, 17, 21, 22, 24, 28, 29. April 4, 5, 6, 8, 13, 15
17, 20, 22, 25, 27, 28. May 4, 5, 6, 11, 13, 16, 20, 23, 26, 30. June 2, 3, 8, 9, 13, 16, 18, 20, 22
23, 24, 25, 27, 29. August 9, 12, 16, 18, 19, 22, 23

Total No. of Visits

62