

## STEEL STEAMER or MOTORSHIP.

Received at London Office.

11 NOV 1917

Sp. 41451

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

Port of *Glasgow*No. *46632*Survey held at *Old Kilpatrick*Date First Survey *1-2-26*Last Survey *4/5/27*

19

On the

(State if Machinery Aft and

*STL. SINGLE SC. KENSINGTON COURT*

State Type

(Full Steamship, Complete Superstructure

*Full Steamship*

State Type of Erections

*Pool, Bridge, Foremast*

TONNAGE under

*4503.29*CLASS *100A1*

State if with freeboard

*No*

Built at

*Old Kilpatrick*

Do. of space or spaces

Length from fore part of stem to after part of stern

*L 395.3*Launched *April 8/27* Yard No. *257*

Total

*4503.29*

Breadth (greatest moulded)

*B 53.0*Builders *James Napier & Miller Ltd*

Gross Tonnage

*4862.98*

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

*D 29.0*Owners *United British S.S. Co Ltd*

Register Tonnage

*2950.59*

1st Longitudinal Number (L x D)

*= 11463*Managers *Haldin & Co Ltd*

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

## REGISTERED DIMENSIONS.

FEET.

Length

*396.5*

Framing Depth "d" at middle of length. See

*24.86*

Residence

Breadth

*53.25*

Proportions—Depth to Length—Uppermost con-

*13.63*Port of Registry *London*

Depth

*26.55*

Draught Moulded

*23.7*

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.
FRAMES, Spacing amidships	<i>27 1/2</i>		Bracket Floors, Frame	<i>6 x 3 1/2 x 45</i>	
" " from 1/2 length to Collision bulkhead	<i>27</i>		" " Reversed Frame	<i>6 x 3 x 38</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>9 x 3 1/2 x 3 1/8</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>4 1/2 x 51</i>	
Frame Amidships, Angle [ or ]	<i>12 x 3 1/2 x 69</i>		" " top Angles	<i>5 x 5 x 50</i>	
" " Extends up to	<i>upper deck</i>		" " bottom Angles	<i>6 x 6 x 56</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>one .38</i>	
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>36 x 49</i>	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>5 x 5 x 45</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>5 x 5 x 45</i>	
" " Second 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>7 x 3 1/2 x 41</i>	
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward 1/2 len. from stem	<i>6 x 6 x 56</i>	
Framing in Peaks, Angle [ or ]	<i>4 1/2 x 3 x 34</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>7 1/2</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 @ 7 dia</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	<i>70 x 49</i>	<i>all TT</i>
STRENGTHENING ARRANGEMENTS (See 7), state system and particulars	<i>Increased framing, 4 side stringers, close spaced riveting as per approved plans</i>		Thickness of remainder in Holds	<i>.41</i>	<i>4 margin</i>
LENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Double frames, extra intercostals, shall increased as per plans</i>		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?	<i>yes</i>	<i>+ .05 in above rule per 5 sec</i>
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	<i>7 1/2 x 3 1/2 x 38</i>	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [ or ]	<i>7 1/2 x 3 x 40</i>	
Middle Line Keelson, on Floors, Angles, [ or ]			Spacing	<i>27 1/2</i>	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [ or ]	<i>✓</i>	
" " Foundation Plate on Floors			Spacing	<i>✓</i>	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [ or ]	<i>✓</i>	
Side Keelsons, No. each side			Spacing	<i>✓</i>	
" thickness of Intercostal Plate			Fourth Deck, amidships, Angle, [ or ]	<i>✓</i>	
" Angles			Spacing	<i>✓</i>	
DOUBLE BOTTOM.			Poop Deck, Angle [ or ]	<i>7 x 3 x 38</i>	
Solid Floors, thickness and spacing	<i>.38 @ 82 1/2</i>		Spacing	<i>27 1/2</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle [ or ]	<i>8 x 3 x 38</i>	
Bracket Floors, breadth and thickness at middle line	<i>3 1/2 x .38</i>		Spacing	<i>27 1/2</i>	
" " breadth and thickness at margin plate	<i>3 3/4 x .38</i>		Forecastle Deck, Angle [ or ]	<i>10 1/2 x 3 1/2 x 55</i>	
			Spacing	<i>55</i>	



# 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>Center Line Bulkhead</i>									
"    in 'tween Decks, Size and Spacing.....									
"    "    "    "    "    "									
"    in Holds    "    "									
"    "    "    "    "									
<b>Centre Line Bulkhead.</b>									
Stiffeners and Spacing.....									
Plating, thickness of .....									
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells.....									
"    "    "    "    in way of Bridge.....									
"    Angle in Wells .....									
Thickness of Plating abreast Deck openings in way of Wells .....									
Thickness of Plating abreast Deck openings in way of Bridge .....									
Thickness of Plating within line of openings.....									
If Sheathed, material and thickness .....									
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells.....									
Stringer Plate, breadth and thickness in way of Bridge.....									
Thickness of Plating abreast Deck openings in way of Wells .....									
Thickness of Plating abreast Deck openings in way of Bridge .....									
Thickness of Plating within line of openings.....									
If Sheathed, material and thickness .....									
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>Poop Deck.</b>									
Stringer Plate, breadth and thickness .....									
Plating, Sheathing, material and thickness .....									
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness .....									
<b>Forecastle Deck.</b>									
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.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.	
FLAT PLATE KEEL .....	49	.76	.67	.67	<i>Plating increased in thickness in way of stern post at ends of sections. Boss plating under bottom forward -</i>	Double	1 3/4	4R	1	4	Lapped
"    DECK (if any) .....	✓	✓	✓	✓							
BOTTOM PLATING, No. of Strakes .....		.59	.50	.46		Double	7/8	3R	7/8	3 1/2	Lapped
BILGE PLATING, No. of Strakes .....		.59	.46	.46		"	"	"	"	"	"
SIDE PLATING, No. of Strakes .....		.59	.44	.46		"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	69	.59	.46	.46		"	"	4R	7/8	3 1/2	Lapped with double straps where required.
UPPER DECK, Sheer-strake in Bridge .....		.59				"	"	3R	"	3 1/2	"
STRAKE BELOW Sheer-strake in Wells.....			.72	.60		"	"	4R	7/8	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge .....		.59				"	"	3R	7/8	3 1/2	"
POOP SIDE PLATING .....		.38				Single	3/4	3	3/4	2 5/8	"
BRIDGE SIDE PLATING .....		.58				Double	7/8	3R	7/8	3 1/2	"
FORECASTLE SIDE PLATING .....		.40				Single	3/4	3	3/4	2 5/8	"

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c).....	6
"    Deck next below .....	✓
As per Rule .....	6

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>					
"    "    Second .....					
"    "    Third .....					
"    "    Holds No. 98.....	47-26	15-4	4x48	32	
<b>COLLISION</b> (in Hold) .....	48-26	9x3x44	24		
<b>AFTER PEAK</b> .....	49-30	10x3x50	24		

## 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>	Flat plate keel			
<b>STEM</b> .....	Rolled	9 1/2 x 2 1/2	Steel Co of Scotland	
<b>STERN FRAME</b> { Propeller Post .....	Forged	10 1/2 x 7 1/2	Robt Kerr & Sons	
{ Rudder .....		9 x 7 1/2		
<b>RUDDER—A x D.....</b>	47 1/2			
<b>Speed of Vessel.....</b>	10 knots			
<b>RUDDER</b> mainpiece at head .....	Forged	10	Robt Kerr & Sons	
"    "    heel .....	"	7 1/2		
how constructed .....	Arms shrunk on main piece			
double or single plate .....	Single	108		
coupling, vertical or horizontal.....	Vertical			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....

*Steel Co of Scotland - Onsett Iron Co*

Has the Steel been tested as required by the Rules?.....

*Yes*

*Open Hearth*

Lloyd's Register Foundation



EQUIPMENT No. 33966										LETTER <i>Y</i>		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.				
60067	1st Bower	61	1	0	"	"	"	49	0	2	14	140 1/2	<i>Logan</i>	<i>S. Taylor</i>	<i>14/9/27</i>
60066	2nd "	60	0	0	"	"	"	48	7	2	0				
60046	3rd "	57	1	4	"	"	"	43	3	0	14				
	Collective weight.	72	2	4											
60068	Stream	20	3	0	"	"	"	21	8	0	14	170 1/2			<i>8/3/27</i>

*Anchor beams forgotten*

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.		Supplied.	Per Rule.						Length.	Diam.		Length.	Cir.				
3986	270	2 3/16	868/20	653	1 1/4	645 3/4	270	2 3/16	<i>S. Taylor</i>	<i>14. 2. 27</i>	TOWLINE	120	4 3/4	47	120	4 3/4			
											HAWSERS & WARPS	2090	2 3/4	15 1/2	2090	2 3/4			
												2090	2 1/2	12 1/2	2090	2 1/2			
<i>Iron Sinker Chain - 22 Steel Wire</i>	90	4 3/4	47				90	4 3/4											

Steering Gear, Steam *Donkin & Co* 9" x 9"Steering Gear, Hand *none*Boats *2 Life & 2 other*Steering Chains, Size and Test *1 1/2 @ 27 tons*Windlass *Emerson Walker & Thompson*Ceiling in Holds, thickness and material *3" W.P. at hatches only*  
*2 1/2 " on bitts*Cargo Battens, thickness, material and spacing *6 x 2 at 9" W.P.*Cargo Hatchways. (Upper Deck) *Steel coamings 4 1/2 thick*Thickness of Hatches *3"*Size of No. 1 Hatchway (Forward) *29' 3" x 20' 0"* No. 2 *29' 9" x 20' 0"* No. 3 *11' 5" x 20' 0"* No. 4 *29' 9" x 20' 0"* No. 5 *29' 9" x 20' 0"* No. 6 *✓*Number of Shifting Beams *5 in each hatch*Builder's Signature *Napier & Miller Ltd*  
*John L. Goodwin Director*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, secretary's letter & in other respects in general conformity with the rules for the class contemplated - The workmanship & materials are good. -*

*For approved plans being forwarded see other page -*

*At the trial trip the fulcrum lever of the windlass clutch broke while the windlass was being lifted. - Efficient temporary repairs have been effected & the owners state that it will be renewed on the vessel's return from American North. - In my opinion this will be satisfactory. - The double bottom & peak tanks have been tested under water pressure & the weather deck, bulkhead & stern has been tested with satisfactory results. - The freeboards have been verified & are in accordance with the rules.*

The amount of Entry Fee ..... £ 8 : 0 : 0

Fees applied for,

Special Survey Fee .... £ 318 : 3 : 0

Received by me,

Travelling Expenses, if any £ 10 : 0 : 0

9/5/27

I am of opinion the Vessel should be Classed *100 A1**(without freeboard)*  
*Subject to permanent repairs to windlass*State whether the Vessel has been built under Special Survey *yes*Signature *P. Stanley*  
Surveyor to Lloyd's Register of Shipping.Certificate to be sent to **GLASGOW**Date of issue *13/5/27*Committee's Minute **GLASGOW 10 MAY 1927**

Character assigned *+ 100 A1* } subject to  
*5.27*  
*+ LMC 5.27*  
*Lloyd's Assoc.*

FRL 29 JUL 192



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 the Plans should be embodied.)

List of Plans		
No.	Description	Plan
1	Fore end framing	1
2	Profile & Decks	"
3	After body bulkhead	"
4	Shell plan	"
5	Transom framing	"
6	Pumping arrangement	"
7	Engine & boiler casing	"
8	Pumping plan	"
9	Stern frame & rudder	"
10	Tunnel plan	"
11	Pillars & Girders	"
12	Midship section	"
13	Relieving tackle	"
14	Armoured deck girder	"
15	Rudder quadrant	"
16	Midship section as built	"
17	Steel masts	"
18	Openings in shell for ballast & Inlet chests	"
19	Propeller bracket	"
20	Pillars in boiler space	"
21	Bulkheads	"

= 17 Plans -  
+ 2 Laying Certificates

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

1st Bower {  
2nd " { Anchor heads forged steel —  
3rd " }

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46.0 ft., R.Q.D. ✓ ft., Bridge 119.0 ft., Forecastle 38.0 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 Steel

Official No. 149822 : Signal Letters  
Is bottom of Vessel coated with cement yes if

particulars of composition ✓

PARTICULARS OF WATER BALLAST.—		
Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	127.0	406
Double bottom, under Engines and Boilers,	41.0	176
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,	174.0	638
Total capacity of double bottom		1220
* The wells are not to be included in the lengths of the tanks. 342.0		

Order for Special Survey No. 6744

Date 15.1.26

Dates of Surveys held while building

1926 Feb. 1. 4. 9. 17. 25. Mar. 9. 22. 26. Apr. 1. 6. 12. 19. 23. 30. May 4. 6. 11. 13. 18. 24. 25. 27. June 1. 4. 8. 11. 15. 17. 18.

Oct. 19. Nov. 3. 15. 16. Dec. 8. 15. 16. 24. 29. (1927) Jan. 11. 12. 14. 17. 21. 26. 28. 31. Feb. 1. 3. 8. 9. 14. 16. 17. 22. 25. Mar. 1. 4. 11. 18. 21. 23. 25. 29. Apr. 2. 5. 6. 7. 19. 26. 28. 30. May 2. 3. 4.

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Total No. of Visits