

## STEEL STEAMER or MOTORSHIP.

Received at London Office 19 SEP 1927

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

State if Report is sent on the Machinery of the Vessel.

Date of completion of report

Survey held at

Date First Survey

Port of

No. 81803

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

Single Screw Steamer "SIR DAVID"

Machinery aft

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

Full Scantling

State Type of Erections

TONNAGE under Tonnage Deck...

968.79

CLASS +100 A1

State if with freeboard as condition of Class

FEET.

Built at

South Shields

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

Total

968.79

Gross Tonnage

1274.82

Register Tonnage

697.20

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

L 225

Breadth (greatest moulded)

B 35-10

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

D 17-1/2

1st Longitudinal Number (L x D)

= 3852

2nd Numeral L x (B + D)

= 11913

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

14-5/2

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

13-14

Do. Long Bridge to top of keel

Draught Moulded

15-5/2

Launched 19<sup>th</sup> July 1927 Yard No. 485

Builders John Readhead &amp; Son Ltd

Owners Gaslight &amp; Coke Co

Managers Stephenson Clarke &amp; Co Ltd

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

Residence

London

Port of Registry

London

If surveyed while building, afloat, or in dry dock

Jus.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

Received by

VESSEL'S A

The remainder of the

ES, Spacing amidships

27

" from 1/2 length to Collision bulkhead

27

" in peaks

23

## Transverse FRAMING.

Frame Amidships, Angle, E or F

6 3 40

(forward)

" Extends up to

Upper Deck

Reversed Frame Amidships, Angle

-

" Extends up to

-

Depth of Framing Girder

6 1/2

Frames in Uppermost Continuous 'tween Decks, Angle, E or F

-

" Second 'tween Decks, Angle, E or F

-

" Third " " "

-

Framing in Peaks, Angle

6 3 40

Diameter and Spacing of Rivets through Frame and Shell Plating amidships

7/8 x 3/4 7 Bins

State if Frame Joggled

Jus

PANTING ARRANGEMENTS (Sec. 7), state system and particulars

Deep frame arrangement

STRENGTHENING OF BOTTOM FORWARD. State Particulars

Main and half height girders

## SINGLE BOTTOM.

Floors, Depth and thickness at mid-line in Holds

-

Height of Brackets at side above base line at toe of frame

-

Middle Line Keelson, on Floors, Angles, E or F

-

" Through Plate or Intercoastal Plate

-

" Foundation Plate on Floors

-

" Flat Plate Keel Angles

-

Side Keelsons, No. each side

-

" thickness of Intercoastal Plate

-

" Angles

-

## DOUBLE BOTTOM.

Solid Floors, thickness and spacing

32 27

" Are Frame and Reversed Frame joggled?

Jus

Bracket Floors, breadth and thickness at middle line

-

" breadth and thickness at margin plate

-

Bracket Floors, Frame

" Reversed Frame

" Vertical Struts

Centre Girder, depth and thickness amidships

32 40

" top Angles

3 3 38

" bottom Angles

3 1/2 3 1/2 40

Side Girders, No. each side and thickness

One 30

Margin Plate depth (excl. of flange) and thickness

38

" Vertical Angle to Tank side Bracket abaft 1/2 len. from stem

3 3 32

" Vertical Angle to Tank side Bracket forward 1/2 len. from stem

3 3 32

" Gussets, spacing and scantling abaft 1/2 len. from stem

-

" Gussets, spacing and scantling forward 1/2 len. from stem

-

Tank Side Brackets, height above base line at toe of Frame and thickness

42 1/2 36

## INNER BOTTOM PLATING.

Breadth and thickness of Middle Line Strake

76 50

Thickness of remainder in Holds

50

Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?

Jus

## BEAMS.

Uppermost Continuous Deck, amidships

7 3 36

" in Wells, Angle, E or F

7 3 36

" in way of Bridge, Angle, E or F

27

Second Deck, amidships, Angle, E or F

Spacing

Third Deck, amidships, Angle, E or F

Spacing

Fourth Deck, amidships, Angle, E or F

Spacing

Raised Quarter

Peep Deck, Angle, E or F

7 3 36

Spacing

6 3 42

Bridge Deck, Angle, E or F

5 3 36

Spacing

27

Forecastle Deck, Angle, E or F

6 3 40

Spacing

5 3 30



# 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>Brackets</i>				Stringer Plate, breadth and thickness in way of Bridge .....				
"    in 'tween Decks, Size and Spacing.....	<i>.34</i>				Thickness of Plating abreast Deck openings in way of Wells .....				
"    "    "    "    "    "	<i>in line of</i>				Thickness of Plating abreast Deck openings in way of Bridge .....				
"    in Holds    "    "	<i>Pillars</i>				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>					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	<i>7 1/2</i>	<i>.56</i>			If Plated, state thickness .....				
"    "    "    "    in way of Bridge	<i>7 1/2</i>	<i>.56</i>			<b>R.P. Peep Deck.</b>				
"    Angle in Wells .....	<i>6</i>	<i>6</i>	<i>.54</i>		Stringer Plate, breadth and thickness .....	<i>68</i>	<i>.42</i>		
Thickness of Plating abreast Deck openings in way of Wells .....					Plating, Sheathing, material and thickness ...	<i>Steel</i>	<i>.32</i>		
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.....	<i>33</i>	<i>.30</i>		
If Sheathed, material and thickness .....					Plating, Sheathing, material and thickness ...	<i>Steel</i>	<i>.26</i>		
<b>Second Deck.</b>					<i>Sheathing 2 1/2 R.P.</i>				
Stringer Plate, breadth and thickness in Wells...					<b>Forecastle Deck.</b>				
					Stringer Plate, breadth and thickness.....	<i>20</i>	<i>.33</i>		
					Plating, Sheathing, material and thickness ...	<i>Steel</i>	<i>.30</i>		

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>No</i>		RIVETS.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	Spacing cr. to cr.	No. OF ROWS OF RIVETS.	Diam.	Spacing cr. to cr.	STRAPPED OR LAPPED.
FLAT PLATE KEEL .....	<i>42</i>	<i>.51</i>	<i>.47</i>	<i>.47</i>		<i>Double</i>	<i>7/8 3 1/2</i>	<i>Tribble</i>	<i>7/8 3 1/2</i>	<i>Lapped</i>	
"    DBLG. (if any)											
BOTTOM PLATING, No. of Strakes <i>Three</i> ...	<i>60</i>	<i>.45</i>	<i>.41</i>	<i>.41</i>		<i>Double</i>	<i>3/4 3</i>	<i>Tribble</i>	<i>3/4 2 5/8</i>	<i>"</i>	
BILGE PLATING, No. of Strakes <i>6</i> ...	<i>52 1/2</i>	<i>.45</i>	<i>.41</i>	<i>.41</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
SIDE PLATING, No. of Strakes <i>Two</i> ...	<i>53 1/2</i>	<i>.45</i>	<i>.41</i>	<i>.41</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>47 1/2</i>	<i>.54</i>	<i>.40</i>	<i>.40</i>		<i>"</i>	<i>7/8 3 1/2</i>	<i>"</i>	<i>7/8 3 1/2</i>	<i>"</i>	
UPPER DECK, Sheer-strake in Bridge ...	<i>47 1/2</i>	<i>.54</i>				<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>47 1/2</i>	<i>.48</i>	<i>.41</i>	<i>.41</i>		<i>"</i>	<i>3/4 3</i>	<i>"</i>	<i>3/4 2 5/8</i>	<i>"</i>	
STRAKE BELOW Sheer-strake in Bridge ...	<i>47 1/2</i>	<i>.48</i>				<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...	<i>30</i>					<i>Single</i>	<i>3/4 3</i>	<i>Single</i>	<i>3/4 2 5/8</i>	<i>"</i>	
FORECASTLE SIDE PLATING			<i>.30</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		7 mi				
,, Deck next below						
As per Rule		7 on				
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	860	34 1/2	10 1/2 x 3 x .56	24
		Deep Tank	63	30		
"	"	Third	"	"		
"	"	Holds	31	42	15 x 3 x .42	24
				30		
COLLISION	"	(in Hold)	91.54	.44	12 1/2 x .56	24
				15.30		17 7/8 Let
AFTER PEAK	"		7.44	.44	8 x 3 x .40	24
				15.12		"

## 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>Forging</i>	<i>7 x 1 5/8</i>	<i>Barclay</i>	
<b>STERN FRAME</b> { Propeller Post .....	<i>"</i>	<i>6 5/8 x 4 7/8</i>		
{ Rudder .....	<i>"</i>	<i>6 x 4 7/8</i>		
<b>RUDDER—A x D.....</b>		<i>156.74</i>		
<b>Speed of Vessel.....</b>		<i>10 knots</i>		
<b>RUDDER</b> mainpiece at head ...	<i>Forging</i>	<i>6</i>	<i>Foster</i>	
"    "    heel ...		<i>4 1/2</i>		
"    how constructed .....	<i>Built</i>			
"    double or single plate	<i>Single</i>			
"    coupling, vertical or horizontal .....	<i>Horizontal</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>Connell. South Durham. Dorman Long. Cargo Fleet. Bolton Vauxhall. Open Hearth. Pearse &amp; Partners.</i>		
	Has the Steel been tested as required by the Rules? <i>Yes.</i>		



EQUIPMENT No. 12542												LETTER N		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.	Cwts.			
30133	1st Bower ...	26	0	14	-	-	-	25	14	1	14	25 1/2	Stocklen	-	Sta 28/6/27 Butler
30134	2nd „ ...	25	3	0	-	-	-	25	8	0	14	25 1/2	-	-	" - " - " -
30135	3rd „ ...	22	1	7	-	-	-	22	13	0	14	22	-	-	Sta 29/6/27 - " -
	Collective weight	74	0	21								✓ 73 1/2			
16988	Stream .....	6	2	14	1	3	0	8 7/8				6 1/2	Common	Kendrick & Muhl	Caf 4/5/27 Jones

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.			Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
30807	210	1 1/2	40.5	58.7	246-2.7	242			210	1 1/2	Slide Kendrick & Muhl	Caf 26/4/27 Jones		TOWLINE	90	5 1/4	22	90	5 1/4
														HAWSERS & WARPS	90	2 1/4	9.5	90	2 1/4
														"	2-90	2 1/4	4.5	90	2 1/4
														"	90	2	7.0	90	1 3/4
from Stream	75	3/2		26					75	3 1/2	Certified by Wood Haggie								

Steering Gear, Steam	6 x 6	Donkin	Steering Gear, Hand	4" & 8"	Port & Star.
Boats	Two 19-0 x 6-6 x 2-6	Steering Chains, Size and Test	7/8 9-2-2-0	Windlass	8 1/2 + 9 Imminger Walker & Thompson.
Ceiling in Holds, thickness and material	Nil		Cargo Battens, thickness, material and spacing	Nil	
Cargo Hatchways.—(Upper Deck)	Steel Plates and Angles		Thickness of Hatches	3"	
Size of No. 1 Hatchway (Forward)	23-9 x 23-6 6-10-10	No. 2 23-9 x 23-6	No. 3 25-3 x 23-6	No. 4 26-0 x 23-6	No. 5 — No. 6 —
Number of Shifting Beams and/or Fore and Afters	Three in Nos 1-2-4 Four in No 3				
FOR JOHN READHEAD & SONS, LIMITED.					
Builder's Signature			J. M. H. Readhead		

GENERAL DECLARATION	This vessel has been built in accordance with the approved plans, the Committee's instructions and the Local Rules.				
	The workmanship & materials are good and to my satisfaction.				
	All tanks for water ballast have been tested under pressure to full height.				
	All watertight bulkheads & weather decks have been brace tested.				
	The assigned freeboard have been marked on vessel's sides				
	unpainted & cut in.				
	The Approved Plans & Fuging Reports are attached.				

The amount of Entry Fee ..... £ 5 : 0 : 0

Fees applied for,

17 SEP 1927

Special Survey Fee.... £127 : 10 : 0

Received by me,

Travelling Expenses, if any £ 4 : 11 : 8

1-10-27

I am of opinion the Vessel should be Classed +100 A1

Cargo Battens Not Fitted.

State whether the Vessel has been built under Special Survey

Signature

H. C. J. Ireland.  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

4/10/27

Committee's Minute

FRI. 23 SEP 1927

Character assigned

+ 100 A1

Lloyd's A.S.C.P.  
Cargo Battens not fitted

+ L.M.C. 9.24  
C.L.

M.H.

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Foundation



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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 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 *15-1-23 KH 4638 3-6-27*  
2nd „ *15-1-1 KH 4617 3-6-27*  
3rd „ *12-1-22 KH 4625 3-6-27*

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop \_\_\_\_\_ ft., R.Q.D. *126.75* ft., Bridge *15.75* ft., Forecastle *24* 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, Steel*

Official No. *149900* ; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement *Yes* if not give particulars of composition.

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>76-6</i>	<i>167</i>	Fore peak tank,	<i>23-5</i>	<i>150</i>
Double bottom, under Engines and Boilers,	—	—	After peak tank,	<i>11-6</i>	<i>22</i>
Double bottom, if under Engines only,	<i>20-3</i>	<i>37</i>	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, <i>forward, Amidships.</i>	<i>6-9</i>	<i>118</i>
Double bottom, forward,	<i>63-0</i>	<i>119</i>	Other tanks, if fitted,	—	—
Total capacity of double bottom <i>323</i>			(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. *596*

Date

*15.3.27*

Dates of Surveys held while building

*1927. JAN. 4.6.10.13.18.26. FEB. 4.8. MARCH 6.15.18.25. APRIL 7.14.20.26. MAY 2.9.19.27. JUNE 2.8.10.17.27.30. JULY 4.6.14.18.19.27. AUG. 17. SEPT. 5.7.9.14.*

Lloyd's Register  
Foundation  
Total No. of Visits *38*