

## STEEL STEAMER or MOTORSHIP.

Received at London Office 3 OCT 1933

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

October 2<sup>nd</sup> 1933

Port of Sunderland

No. 31287.

Survey held at

Sunderland

Date First Survey 22 March

Last Survey 29 September 1933

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

Single Screw "COLONEL CROMPTON" Machinery aft.

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

Full Scantling

State Type of Erections R.O.D. Br. Hble.

TONNAGE under Tonnage Deck...

1,119

CLASS +100A1.

State if with freeboard as condition of Class

No

Built at Sunderland

Do. of space or spaces between Tonnage Dk. upper Dk.

Tonnage

1,495

Tonnage

844

STERED DIMENSIONS.

FEET.

237.00

38.25

15.90

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

L 236.5

Breadth (greatest moulded)

B 38.0

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

D 17.91

1st Longitudinal Number (L x D)

= 4,236

2nd Numeral L x (B + D)

= 13,223

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

14.93

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

13.20

Do. Long Bridge to top of keel

10.80

Draught Moulded

16' 6"

Launched July 7<sup>th</sup> 1933 Yard No. 327.

Builders Messrs S.P. Austin &amp; Son Ltd.

Owners London Power Co. Ltd.

Managers Stephenson Clarke & Associated Co. Ltd.  
(Where necessary to be entered in Reg. Book.)

Residence 51 Dunstan Alley, London E.C.3.

Port of Registry London

If surveyed while building, afloat, or in dry dock

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.
S, Spacing amidships	27		Bracket Floors, Frame	-	
" from $\frac{3}{4}$ length to Collision bulkhead	27		" " Reversed Frame	-	
" in peaks	23		" " Vertical Struts	-	
RAMING.			Centre Girder, depth and thickness amidships	33 x 41	
Amidships, Angle, E or [ N.B.S.	7 3 40	1/4"	" " top Angles	3 3 39	
" Extends up to	-		" " bottom Angles	3 1/2 3 1/2 41	
sed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	One 5 1/2 x 35 B.A. N.B.S.	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	27 x 38	
of Framing Girder	7"		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 3 36	
es in Uppermost Continuous 'tween Decks, Angle, E or [ N.B.S.	8 3 44		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 6 38	
" Second 'tween Decks, Angle, [ or [	-		" " Gussets, spacing and scantling abaft 1/4 len. from stem	-	
" Third " " "	-		" " Gussets, spacing and scantling forward 1/4 len. from stem	-	
ing in Peaks, Angle, [	5 1/2 3 30		Tank Side Brackets, height above base line at toe of Frame and thickness	50"	
eter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 1 7/8		INNER BOTTOM PLATING.		
if Frame Joggled	No		Breadth and thickness of Middle Line Strake	50	
IG ARRANGEMENTS (Sec. 7), state system and particulars	25 Strips 27 x 54 in Peaks in Wells 27 x 45 B.A. 3 Strakes shell each side 48. One full plating: two 1/2 x 1/2 in each side intercostals each side Frame bottom double 3 Strakes shell each side 50.		Thickness of remainder in Holds	50	
ETHENING OF BOTTOM FOR- RD. 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?	Yes.	
BOTTOM.			BEAMS.		
Depth and thickness at mid-line in Holds	23 x 50.		Uppermost Continuous Deck, amidships in Wells, Angle, E or [	7 3 48 N.B.S.	
Height of Brackets at side above base line at toe of frame	Level.		" " in way of Bridge, Angle, E or [	7 3 37 N.B.S.	
Line Keelson, on Floors, Angles, E or [	4 1/2 3 1/2 48		Spacing	Every	
" " Through Plate or Intercostal Plate	51		R.O. Second Deck, amidships, Angle, E or [	7 3 45 N.B.S.	
" " Foundation Plate on Floors	12 x 51.		Spacing	Every	
" " Flat Plate Keel Angles	3 1/2 3 1/2 52		Third Deck, amidships, Angle, [ or [	-	
Side Keelsons, No. each side	One		Spacing	-	
" " thickness of Intercostal Plate	45		Fourth Deck, amidships, Angle, [ or [	-	
" " Angles	5 3 1/2 46		Spacing	-	
DOUBLE BOTTOM.			Poop Deck, Angle, E or [	-	
Solid Floors, thickness and spacing	34 Every		Spacing	-	
" " Are Frame and Reversed Frame joggled?	No		Bridge Deck, Angle, E or [	6 3 35 N.B.S.	
Bracket Floors, breadth and thickness at middle line	-		Spacing	Alternate	
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle, E or [	6 3 38	
			Spacing	Every	



## 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>	One		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
"    in 'tween Decks, Size and Spacing.....	2 1/2" alternate		Thickness of Plating abreast Deck openings) in way of Wells.....	✓ 1/4"	
"    "    "    "    "    "			Thickness of Plating abreast Deck openings) in way of Bridge .....	✓	
"    in Holds    "    "	Deep brackets at Hatch sides on every 4th frame as approved		Thickness of Plating within line of openings...	✓ 40 x 30.	
"    "    "    "    "    "			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	7 1/2 x 61.		If Plated, state thickness .....	✓	
"    "    "    "    in way of Bridge	60 x 48		<b>Poop Deck.</b>		
"    Angle in Wells .....	5 5 .60		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings) in way of Wells .....	.61		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...	.30		Stringer Plate, breadth and thickness.....	33 x 30.	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	✓ 30. 2 1/2 P. Pine	
<b>R.O. Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	7 1/2 x 44		Stringer Plate, breadth and thickness.....	✓ 30	
			Plating, Sheathing, material and thickness ...	✓ 30. 3" P. Pine under windlass	

## 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.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.		
FLAT PLATE KEEL .....	42	.52	.48	.48		Double	7/8 3 3/8	3	7/8	3 1/2	16 3/4 x 1 1/2 Strap.	✓
"    DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓		
BOTTOM PLATING, No. of Strakes .....	3	.46	.38	.38		Double	3/4 3	3	3/4	2 5/8	Strapped	
BILGE PLATING, No. of Strakes .....	1	.46	.38	.38		do	3/4 3	3	3/4	2 5/8	"	
SIDE PLATING, No. of Strakes .....	2	.46	.38	.38		do	3/4 3	2	3/4	2 5/8	"	
UPPER DECK, Sheer-strake in Wells.....	46	.58	.38	.38		do	7/8 3 3/8	3	7/8	3 1/2	"	
<b>R.O.</b> UPPER DECK, Sheer-strake in Bridge ...	51	.50	.38	.38		do	3/4 3	3	3/4	2 5/8	"	
STRAKE BELOW Sheer-strake in Wells.....	56	.48	.38	.38		do	3/4 3	3	3/4	2 5/8	"	
STRAKE BELOW Sheer-strake in Bridge ...	46	.48	.38	.38		do	3/4 3	3	3/4	2 5/8	"	
POOP SIDE PLATING .....	✓	✓										
BRIDGE SIDE PLATING ...		.30				Single	3/4 3.	1	3/4	2 5/8		
FORECASTLE SIDE PLATING		.30.				Single	3/4 3.	1	3/4	2 5/8	"	

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	<b>4 R.O.</b>
Extending to Upper Deck (Sec. 3 c)	5
"    Deck next below .....	
As per Rule .....	4

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.		Spacing.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>	✓				
"    "    Second .....	✓				
"    "    Third .....	✓				
"    "    Holds .....	✓	42-30 9 x 3 1/4 B.G.	30"		
<b>COLLISION</b> (in Hold) .....		43-30 12 x 3 1/4 B.G. 2 B.S.	24 Peak Flat		
<b>AFTER PEAK</b> .....		40-30 6 x 3 1/4 B.G.	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>	Rolled Steel Bar	7 1/2 x 1 3/4	Conssett	
<b>STERN FRAME</b>	Propeller Post .....	Forging 7" x 5"	I.S. Foster + Son	
	Rudder .....	9" x 5"		
<b>RUDDER—A x D.....</b>		178 x 63		
<b>Speed of Vessel.....</b>		Not exceeding 10 knots		
<b>RUDDER</b> mainpiece at head ...	Forging	5 1/2 x 6	I.S. Foster + Son	
"    "    heel ...		3 1/2 x 6		
"    how constructed .....		Arms at pintles		
"    double or single plate coupling, vertical or horizontal.....		44.		
		Horizontal		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **Open-Hearth.**  
**South Durham, Conssett Iron Co., Cargo Fleet, Dorman Long, Skinningrove**

Has the Steel been tested as required by the Rules? **Yes**



EQUIPMENT No. 'p'.				LETTER 129728.				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
34460	1st Bower	30	3	0	✓			29	3	3	0
34399	2nd "	30	2	21	✓			29	3	3	0
34463	3rd "	26	1	14	✓			25	18	0	14
	Collective weight	87	3	7					87	0	0
47,350	Stream	9	3	14	✓			11	17	3	7
									9	2	14

## 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.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
98,295	240	1 5/8	47 1/2	66 1/2	327	0	9	319	2	0	240	1 7/8	Stud. Link	N. Bloomer	L.P.H.N. 20.9.33 H.G.	TOWLINE...	90	3 1/4
																	2290	2 1/4
																	2290	2 1/4
48702																	2290	2 1/4
Iron Stream Chain Steel Wire	75	1	18	27	38	1	14	38	1	0	75	1	Stud. Link	N. Bloomer	L.P.H.C.H. 30.8.33 K.C.P.			

Steering Gear, Steam Yes. Messrs Donnan &amp; Co.

Steering Gear, Hand When blocks led to which aft.

Boats 2 Lifeboats 1 Dinghy

Steering Chains, Size and Test

Donnan's Telemotor Gear

Windlass

Clarke Chapman

Ceiling in Holds, thickness and material

None

Cargo Battens, thickness, material and spacing

None

Cargo Hatchways.-(Upper Deck)

Steel plates and angles

Thickness of Hatches

3"

Size of No. 1 Hatchway (Forward)

47'3" x 25'3"

No. 2 38'3" x 25'0"

No. 3 38'3" x 25'0"

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

No. 1 - 7; No. 2 - 6; No. 3 - 6.

FOR S. P. AUSTIN &amp; SON, LIMITED.

Builder's Signature

MANAGING DIRECTOR.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel No (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been constructed in accordance with the approved plans, the Society's Rules and the Secretary's letters.

The material and workmanship are good.

The freeboard marks have been verified and cut in on the vessel's sides.

The double bottom tanks, peaks, and deep tank have been tested and found good.

The decks and bulkheads have been hose tested and found good. The windlass and steering gear have been tried under working conditions.

The following approved plans are forwarded: - Midship Section, Profiles Decks, Sternframe, Rudder, Rudderpost, Centre Girder, Tanker Hold Sections, Engines Boiler Casings, Quadrant & Tiller. (8 plans.)

Plans of Midship Section, Profiles Decks as built, also 3 Tonnage Certificates: - Sternframe, Rudder, Quadrant & Tiller

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

Fees applied for,

12 OCT. 1933

Special Survey Fee.... £ 149: 10: .

Freeboard Fee 10: 0: 0

Travelling Expenses, if any £

Received by me,

11-10-1933

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

State whether the Vessel has been built under Special Survey

Yes.

Signature

Colin Bartlett

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to SUNDERLAND

Date of issue

12/10/33

Committee's Minute

TUE. 10 OCT 1933

Character assigned

+ 100A1

Cargo battens not fitted

Lloyd's A &amp; C.P.

+ L.M.C. 9.33

C.L.

Write to Lloyd's Register

M.M.



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Lloyd's Register 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	19-1-0. T. Met.	4528.	21.6.33.
2nd "	20-0-21 R.L.	3473.	20.4.33.
3rd "	17-0-14. T. Met.	4544.	28.6.33.
Stream.	6-1-24 A.B.	6232.	11.8.30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 145 ft., R.Q.D. 145 ft., Bridge 15.8 ft., Forecastle 21.6 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. 163389. ; Signal Letters Is bottom of Vessel coated with cement. in E & B. space if not given particulars of composition remainder of bottom cement washed.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	96' 9"	250	Fore peak tank,	21	150
Double bottom, under Engines and Boilers,	22' 6"	32	After peak tank,	9' 6"	25
Double bottom, if under Engines only,			Deep tank, aft, Amudships 11' 3" top 4' 6" bottom		14
Double bottom, if under Boilers only,	65' 3"	143	Deep tank, forward,		
Double bottom, forward,		425	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. 5768

Date 23.3.33

Dates of Surveys held while building

1933. Feb. 22. 27. 30. Apr. 4. 7. 11. 13. 20. 23. 24. 27. May. 2. 4. 5. 8. 9. 11. 15. 17. 19. 22. 24. 29. 31. June. 1. 2. 6. 8. 9. 14. 15. 19. 20. 23. July. 7. 10. 13. 17. 18. 20. 25. 31. Aug. 4. 25. 27. Sep. 1. 4. 5. 7. 8. 12. 25. 27. 29

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Total No. of Visits