

STEEL STEAMER or MOTORSHIP.

Received at London Office 1 NOV 1929

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *no - From Sld.*

Date of completion of report 31.10.29 Port of *NEWCASTLE-ON-TYNE* No. *84903*
 Survey held at *Hellburn-on-Tyne* Date First Survey *16 May 1929* Last Survey *28 October 1929*
 On the (State if Machinery fitted Aft and) *Steel Sc. Steamer "SUNTRAP" (Mchy aft)*
 (If Single, Twin or Triple Screw)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling* State Type of Erections *R.O.D.K. B.F.*

TONNAGE under Tonnage Deck... *744.21* CLASS *+100 A1* State if with freeboard as condition of Class *no* Built at *Hellburn-on-Tyne*

Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 217.0* Launched *4th October 1929* Yard No. *562*

Total Breadth (greatest moulded) *B 31.75* Builders *P. W. Hawthorn, Leslie & Co.*

Gross Tonnage *938.53* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15.5 UDK 18.5 R.O.D.K.* Owners *Gas Light Coke Co.*

Register Tonnage *487.29* 1st Longitudinal Number (L x D) = *3363.5* Managers (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) *UDK 12.84 R.O.D.K. 16.09* Residence *London*

Length *217.5* Proportions—Depth to Length—Uppermost continuous deck to top of keel *14.63* Port of Registry *London*

Breadth *32.0* Do. Long Bridge to top of keel *11.75* If surveyed while building, afloat, or in dry dock

Depth *13.5* Draught Moulded *Building & afloat.*

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>22½</i>	✓	Bracket Floors, Frame	<i>—</i>	
" " from ½ length to Collision bulkhead.....	<i>22½</i>	✓	" " Reversed Frame.....	<i>—</i>	
" " in peaks.....	<i>22½</i>	✓	" " Vertical Struts.....	<i>—</i>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>31½ 40</i>	✓
Frame Amidships, Angle, <i>UDK</i> <i>5 3 37</i> or <i>R.O.D.K.</i> <i>6 3 36</i>		✓	" " top Angles <i>one</i>	<i>3 3 37</i>	✓
" " Extends up to <i>gunwale</i>		✓	" " bottom Angles <i>one</i>	<i>3½ 3½ 40</i>	✓
Reversed Frame Amidships, Angle	<i>—</i>		Side Girders, No. each side and thickness	<i>one 30</i>	✓
" " Extends up to...	<i>—</i>		Margin Plate depth (excl. of flange) and thickness	<i>26 34</i>	✓
Depth of Framing Girder	<i>5" x 6"</i>	✓	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem.....	<i>3 3 36</i>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	✓		" " Vertical Angle to Tank side Bracket forward ¼ len. from stem.....	<i>5 5 34</i>	✓
" " Second 'tween Decks, Angle, [or [.....	✓		" " Gussets, spacing and scantling abaft ¼ len. from stem.....		
" " Third " " " "	✓		" " Gussets, spacing and scantling forward ¼ len. from stem.....	<i>2 gussets one at frame 94 = one at frame 98</i>	
Framing in Peaks, Angle <i>+</i>	<i>5½ 3 38</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>40" x 32</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7 diam. 3/4 inch</i>	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake ..	<i>all .50"</i>	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>stringers as plan</i>		Thickness of remainder in Holds ..	<i>.40 in ER.</i>	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>double riveted bottom / plating midship thickness additional intercostal</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>	
SINGLE BOTTOM. BOILER SPACE			BEAMS.		
Floors, Depth and thickness at mid-line in <i>UDK</i> <i>21½ x 44</i>		✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or [<i>no ordinary iron beams</i>	
Height of Brackets at side above base line at toe of frame.....	<i>none</i>	✓	" " in way of Bridge, Angle, <i>UDK</i> <i>7 3 37</i> or <i>R.O.D.K.</i> <i>DEEP TANK</i>	<i>every frame</i>	✓
Middle Line Keelson, on Floors, Angles, <i>UDK</i> <i>4½ 3½ 42</i>		✓	Spacing.....		
" " Through Plate or Intercostal Plate.....	<i>57</i>	✓	Second Deck, amidships, Angle, [or [.....	✓	
" " Foundation Plate on Floors.....	<i>12" x .51 each side</i>	✓	Spacing.....		
" " Flat Plate Keel Angles	<i>3½ 3½ 44</i>	✓	Third Deck, amidships, Angle, [or [.....	✓	
Side Keelsons, No. each side	<i>one</i>		Spacing.....		
" " thickness of Intercostal Plate...	<i>.43</i>	✓	Fourth Deck, amidships, Angle, [or [.....	✓	
" " Angles <i>2</i> <i>5 3 42</i>		✓	Spacing.....		
DOUBLE BOTTOM. in holds			Poop Deck, Angle, [or [.....	✓	
Solid Floors, thickness and spacing.....	<i>30 every frame</i>		Spacing.....		
" " Are Frame and Reversed Frame joggled?.....	<i>yes</i>		Bridge Deck, Angle, <i>UDK</i> <i>4½ x 32</i>	<i>every frame</i>	✓
Bracket Floors, breadth and thickness at middle line	<i>—</i>		Spacing.....		
" " breadth and thickness at margin plate.....	<i>—</i>		Forecastle Deck, Angle, <i>UDK</i> <i>6 3 39</i>	<i>alternate frames</i>	✓
			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.....									
„ in 'tween Decks, Size and Spacing.....									
„ „ „ „ „									
„ in Holds „ „									
„ „ „ „ „									
Centre Line Bulkhead.									
Stiffeners and Spacing.....									
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	66	57							
„ „ „ „ in way of Bridge									
„ Angle in Wells	5	5	54						
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									
Second Deck.									
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									
Third Deck.									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
Fourth Deck.									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness									
R.Q. Poop Deck.									
Stringer Plate, breadth and thickness	66	40							
Plating, Sheathing, material and thickness ...									
Bridge Deck.									
Stringer Plate, breadth and thickness.....	42	29							
Plating, Sheathing, material and thickness ...									
Forecastle Deck.									
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.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.
FLAT PLATE KEEL	41	.49	.45	.45		double	3/4	3	3	3/4	2 5/8
„ DBLG. (if any)											
BOTTOM PLATING, No. of Strakes40	.36	.36		double	"	3	3	"	"
BILGE PLATING, No. of Strakes40	.36	.36		double	"	3	3	"	"
SIDE PLATING, No. of Strakes39	.35	.35		double	"	3	3	"	"
UPPER DECK, Sheer-strake in Wells.....	45	.54	.35	.35		-			3	7/8	3 1/2
UPPER DECK, Sheer-strake in Bridge72	-	-		single	"	3	3	-	-
RQ DK Sheer	40 1/2	.46		.35		double	"	3	3	3/4	2 5/8
STRAKE BELOW Sheer-strake in Wells.....	57	.46	.35	.35		double	"	3	3	"	"
RQ DK	45	.44		.35							
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING29				single	5/8	2 1/2	-	5/8	2 1/2
FORECASTLE SIDE PLATING		.29				single	5/8	2 1/2	one	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	5
Extending to Upper Deck (Sec. 3 c)	5
„ Deck next below	1
As per Rule	4

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat Plate		
STEM	Roller	6 3/4 x 9 1/2	Lancashire Co	
STERN FRAME { Propeller Post	Forged	6 1/2 x 4 1/2	Forster, Sld	
{ Rudder „		5 3/4 x 4 1/2		
RUDDER—A x D.....		142 x 5		
Speed of Vessel.....		10		
RUDDER mainpiece at head ...	Forged Ingot Steel	5 3/4	Ingot Steel - Rogerson, H. & Co.	
„ „ heel arms	Scrap	4 1/4	Arms - Forster.	
„ how constructed		arms strunk & keyed		
„ double or single plate		90 single		
„ coupling, vertical or horizontal		horizontal		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds 7031		40 x 26	7 1/2 x 3 x 38	29	
„ „ deep tank		33 x 30	9 x 3 x 38	24	
COLLISION „ (in Hold)		34 x 25	7 x 3 x 40	24	1-lat
AFTER PEAK „ „		36 x 30	6 x 3 x 34	24	flat

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	Bolckow Vaughan, Consett, S. Durham
	Has the Steel been tested as required by the Rules? Yes

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 15-0-11, with pin 16-2-21, K.H. Ddf, 28-6-29, 6620.
2nd „ 14-3-17, „ „ 16-2-7 K.H. Ddf 28-6-29 6623
3rd „ 11-2-0 „ „ 12-2-14 M.B. Ddf 14-12-28 6056

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. 105.5 ft., Bridge 16.9 ft., Forecastle 25.2 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *P.O.P. joined to bridge*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 dk (stl)*

Official No. *X*; 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,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	18.75	18.5	Deep tank, aft, } <i>amidships</i>	<i>at bottom</i> 5'-7½	17.5
Double bottom, if under Boilers only,			Deep tank, forward, }	<i>at deck</i> 15'-0"	12.8
Double bottom, forward,	135.0	238.5	Other tanks, if fitted,		
Total capacity of double bottom		257.0	(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. *5358*

Date *29.8.29*

Dates of Surveys held while building

1929
May 16. 17. 22. 28. June 4. 6. 7. 17. 20. July 3. 4. 10. 17. 19. 24. Aug. 1. 8. 12. 13. 15. 21. 29. Sep. 6. 11.
13. 17. 18. 19. 20. 26. Oct. 2. 4. 5. 18. 23. 24. 28.

Total No. of Visits *37.*