

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

15 JUN 1934

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 *Under Consideration*

Date of completion of report

14/6/34

Port of

Newcastle on Tyne

No.

91458

Survey held at

Newcastle on Tyne

Date First Survey 13 Mar. 1934

Last Survey 13 June 1934

1934

On the

Steel Single Screw Steamer "LONDON-TRADER"

Machinery *Apr*

State Type

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

Complete Superstructure with tonnage opening

State Type of Erections

Complete Superstructure

TONNAGE under Tonnage Deck

493.60

CLASS +100.A1

State if with freeboard as condition of Class *Yes*

Built at

Hebburn on Tyne

Launched 15/4/34

Yard No. 594

Builders

R.W. Hawthorn Leslie &amp; Co. Ltd.

Owners

The Free Trade Wharf Co. Ltd.

Managers

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

Residence

Port of Registry

London

If surveyed while building, afloat, or in dry dock

*Yes*

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

Total

Gross Tonnage

645.94

Register Tonnage

297.41

REGISTERED DIMENSIONS.

FEET.

196.6

28.9

11.3

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

L 196.6

Breadth (greatest moulded)

B 28.8

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

D 20.9

1st Longitudinal Number (L x D)

= 4116

2nd Numeral L x (B + D)

= 9743

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

10.10

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

9.44

Do. Long Bridge to top of keel

13.48

Draught Moulded

## 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.
ES, Spacing amidships	24		Bracket Floors, Frame	6 3 31	5.3.33
" from $\frac{1}{2}$ length to Collision bulkhead	24		" " Reversed Frame	5 2 33	5.3.33
" in peaks	24		" " Vertical Struts	5 2 33	5.3.33
FRAMING.			Centre Girder, depth and thickness amidships	30 2 x 41	
ne Amidships, Angle, E or C	5 2 3 32		" " top Angle	3 3 39	
Extends up to	to 2nd deck and		" " bottom Angle	3 2 41	
rsed Frame Amidships, Angle	BA. 5 2 3 30		Side Girders, No. each side and thickness	1 @ 31	
Extends up to	to 4th. Dk. alternately		Margin Plate depth (excl. of flange) and thickness	22 x 26	
th of Framing Girder	5 2		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 3 34	
nes in Uppermost Continuous 'tween Decks, Angle, E or C	5 2 3 30		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3 3 34	
" Second 'tween Decks, Angle, E or C	5 2 3 30		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	none	
" Third " " " " "	6 x 3 x 28	32 letter	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	none	
ning in Peaks, Angle or C	5 2 3 28		Tank Side Brackets, height above base line at toe of Frame and thickness	44	
meter and Spacing of Rivets through Frame and Shell Plating amidships	44		INNER BOTTOM PLATING.		
e if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	42 1/2 x 27-34	
ING ARRANGEMENTS (Sec. 7), state system and particulars	6. 3. 32. BA		Thickness of remainder in Holds	32-30	
NGTHENING OF BOTTOM FORWARD. State Particulars	Extra 2 h. girder } all as approved D.R. frame } Shell unweird }		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	
E BOTTOM. in Boiler Room			BEAMS.		
rs, Depth and thickness at mid-line in Holds	17 x 42		Uppermost Continuous Deck, amidships in Wells, Angle, E or C	6 3 32	as appl. in way of 34 BA
Height of Brackets at side above base line at toe of frame	44		" " in way of Bridge, Angle, E or C	24	
le Line Keelson, on Floors, Angles, E or C	3 3 50 double		Spacing	24	
" " Through Plate or Intercoastal Plate	30 2 x 51		Second Deck, amidships, Angle, E or C	5 2 3 30	as appl.
" " Foundation Plate on Floors	12 x 50		Spacing	24	
" " Flat Plate Keel Angle	3 2 3 41		Third Deck, amidships, Angle, E or C		
Keelsons, No. each side	one		Spacing		
" thickness of Intercoastal Plate	42		Fourth Deck, amidships, Angle, E or C		
" Angles	double 6 3 42		Spacing		
LE BOTTOM.			Poop Deck, Angle, E or C		
Solid Floors, thickness and spacing	31 48		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, E or C		
Bracket Floors, breadth and thickness at middle line	22 31		Spacing		
" " breadth and thickness at margin plate	24 31		Forecastle Deck, Angle, E or C		
			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.
<b>PILLARS, No. of Rows.....</b>	Two			Stringer Plate, breadth and thickness in way of Bridge .....	✓	
„ in 'tween Decks, Size and Spacing.....	2 3/4 to 3 1/2 as app. ✓ with space			Thickness of Plating abreast Deck openings in way of Wells .....	30	✓
„ „ „ „ „				Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
„ in Holds „ „	Dep. better with as app. ✓			Thickness of Plating within line of openings...	30	✓
„ „ „ „ „				If Sheathed, material and thickness .....	no	✓
<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	75	x 33	76 1/2	If Plated, state thickness .....		
„ „ „ „ in way of Bridge	✓			<b>Poop Deck.</b>		
„ Angle in Wells .....	3 1/2	3 1/2	33	Stringer Plate, breadth and thickness .....		
Thickness of Plating <sup>below</sup> abreast Deck openings } in way of Wells .....	30	- 36	✓	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.....		
If Sheathed, material and thickness .....	30 - 36		✓	Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>				<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	75	33	76 1/2	Stringer Plate, breadth and thickness.....		
				Plating, Sheathing, material and thickness ...		

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

2 (3) Extending to Upper Deck (Sec. 3 c) 2091 WT: 6 T 13 OT.

1 " Deck next below Bhd 20 35

As per Rule.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, <i>Hold</i> Upper two decks		38"-26"	6 A. 6.3.4.	32	/	—
"	" Second "					
"	" Third "					
"	N <sup>o</sup> 13. OT <i>Holds above lineal</i>	30	5.2 1/2. 32	26	24	12 x 36 (welded)
COLLISION " (in Hold) .....		44"-26"	7.3.34 L 5.3.34 L	24	/	—
AFTER PEAK N <sup>o</sup> 6. OT. AWT.....		30	5.2 1/2. 32	24	/	welded

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> .....		7 x 1 1/2		
<b>STERN FRAME</b> { Propeller Post .....		6 1/2 x 4 1/2		
{ Rudder .....		6 1/2 x 4 1/2		
<b>RUDDER—A x D</b> .....	11 1/3			
<b>Speed of Vessel</b> .....	10 K			
<b>RUDDER</b> mainpiece at head ...	5 1/2 stock	{ 5 x 4 1/2 to		
" " heel ...		{ 3 1/2 x 3		
" how constructed .....		Double Plate type		
" double or single plate		28		
" coupling, vertical or horizontal .....		Horizontal		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).	<i>South Durham. Skinningrove. Lanarkshire. Norman Long. Corbett &amp; Co.</i>
	Has the Steel been tested as required by the Rules?	<i>Yes.</i>







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.)

The following approved plans in number together with the forging reports & midship Section & Profile as built are forwarded herewith.

Midship Section  
Profile & deck plans  
Stern frame & rudder  
Pillars & girders  
Fore end stiffening  
Cruiser stern  
Oil fuel Cargo tank  
Strong beam in engine room  
Electric lighting details  
Pumping plan & flyleaf  
Hatch webs  
Shelter deck scuppers  
Gundrout.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower.	12.2.11: H.B.: 8604: 25.9.30.	✓
	2nd "	12.2.24: H.B.: 8602: 25.9.30.	✓
	3rd "	10.1.10. K.H.: 7997: 23.5.30.	✓

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 steel & shelter deck steel.

Official No. 163482 ; Signal Letters

Is bottom of Vessel coated with cement no if not give

particulars of composition Cement under rollers only

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	13.5	33.
Double bottom, under Engines and Boilers,			After peak tank,	12.	18.
Double bottom, if under Engines only,	22	17½	Deep tank, aft,		
Double bottom, if under Boilers only,	124.	189.	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	206½	(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. 5472

Date 15.3.34

Dates of Surveys held while building

1934  
Mar 13.14.16.22.26.27.28.29. Apr 3.4.5.6.9.10.13.16.19.23.24.30  
May 1.3.4.5.6.9.10.11.14.15. Jun 4.5.6.7.8.11.12.13.

Lloyd's Register Foundation  
Total No. of Visits 38