

STEEL STEAMER or MOTORSHIP.

Received at London Office 12 MAR '35

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

Survey held at *Goole*Port of *5th June, 1934*Last Survey *4th March, 1935*On the *Single Screw Motor Vessel**"River Trent"*

Inch. aft.

State Type *Full Scantling*State Type of Erections *Peep & Fide*

TONNAGE under Tonnage Deck

172.95 CLASS *+100A1*

State if with freeboard

*no*Built at *Goole*Launched *Dec. 8th 1934* Yard No. *306*

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 116-0

Breadth (greatest moulded)

B 23-0

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

D 9-0

1st Longitudinal Number (L x D)

= 1044

2nd Numeral L x (B + D)

= 3712

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

12.9

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

Do. Long Bridge to top of keel

Draught Moulded

*8-3*Port of Registry *Hull*

If surveyed while building, afloat, or in dry dock

white building.

REGISTERED DIMENSIONS.

Length *116.8*
 Breadth *23.2*
 Depth *8.3*

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>21</i>		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead	<i>21</i>		" " Reversed Frame		
" " in peaks	<i>21</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle <i>4 2 1/2</i> or <i>5</i>	<i>26 in holds only</i>		" " top Angles		
" " Extends up to <i>deck</i>	<i>4 2 1/2</i> or <i>5</i>		" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>4</i>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, \square or \square			" " Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, \square or \square			" " Vertical Angle to Tank side		
" " Third " " "			" " Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle <i>4 2 1/2</i> or <i>5</i>	<i>26</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 4 1/2</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
State if Frame Joggled	<i>Yes</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Painting frames 4 x 2 1/2 x 30 L Backbars to 4'-0" W line Additional Side Keelson A & B Strakes increased Closer riveting.</i>		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	<i>12 x 3 1/2 x 3 1/2 x 3 1/2 Channel</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?		
Height of Brackets at side above base line at toe of frame	<i>24"</i>		BEAMS.		
Middle Line Keelson, on Floors, Angles	<i>3 1/2 3 1/2 28</i>		Uppermost Continuous Deck, amidships in Way of Bridge, Angle, \square or \square	<i>3 2 1/2 30</i>	<i>1/2 beams every</i>
" " Through Plate or Intercoastal Plate	<i>3 1/2</i>		" " in Way of Bridge, Angle, \square or \square	<i>4 3 36</i>	<i>or A. alternate</i>
" " Foundation Plate on Floors	<i>2, 12 x 3 1/2</i>		Spacing	<i>5 3 34</i>	<i>or A. under which every</i>
" " Flat Plate Keel Angles	<i>3 1/2 3 1/2 30</i>		Second Deck, amidships, Angle, \square or \square		
Side Keelsons, No. each side	<i>one</i>		Spacing		
" " thickness of Intercoastal Plate	<i>6 3 40</i>		Third Deck, amidships, Angle, \square or \square		
" " Angles	<i>2 1/2 2 1/2 26</i>		Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, \square or \square		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, \square or \square	<i>5 3 32</i>	<i>alternate</i>
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, \square or \square		
			Spacing		
			Forecastle Deck, Angle, \square or \square	<i>4 3 30</i>	<i>every</i>
			Spacing		

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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.....			Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....	22' alternate		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "	Deep knees in line every 4th frame		Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	54 x 30 6-28 34 at break		If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells/	3 3 30		Stringer Plate, breadth and thickness	13 x 25	
Thickness of Plating abreast Deck openings in way of Wells	25 bet hatches		Plating, Sheathing, material and thickness ...	25 x 5 x 2 1/2 Oregon pine	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	No		Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	.28	
			Plating, Sheathing, material and thickness28 : no sheathing	✓

SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.	
	Inches.	Inches.	Inches.	Inches.					Inches.	Inches.	
FLAT PLATE KEEL	39	.40	.40	.40	✓ app. .40-.36	Single	3/4	3/4	3/4	2 7/8	Strapped
„ DBLG. (if any)			✓								
BOTTOM PLATING, No. of Strakes30	.33	.26	✓ " .30-.26	"	5/8		2	5/8 2 1/4	Lapped
BILGE PLATING, No. of Strakes35	.35	.26	✓ " .30-.26	"	5/8		2	5/8 2 1/4	Lapped
SIDE PLATING, No. of Strakes			✓								
UPPER DECK, Sheer-strake in Wells	43	.45	.45	.26	✓ " .36-.26	"	5/8		2	3/4 2 7/8	Lapped
UPPER DECK, Sheer-strake in Bridge ...			✓								
STRAKE BELOW Sheer-strake in Wells35	.35	.26	✓ " .34-.26	"	5/8		2	5/8 2 1/4	Lapped
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING25		"	5/8		1	5/8 2 1/4	Strapped
BRIDGE SIDE PLATING ...			✓								
FOREC'TLE SIDE PLATING			.25		" .24	"	5/8		1	5/8 2 1/4	Strapped

WATERTIGHT BULKHEADS.

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

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				✓
STEM				rolled 7 1/2 x 1 1/8
STERN FRAME { Propeller Post				34 x 24 Forster
{ Rudder				54 x 24
RUDDER—A x D.....				32.4
Speed of Vessel.....				9 knots
RUDDER mainpiece at head				3 1/8 dia Forster
" heel				2 1/2 dia
how constructed				forged & riveted
double or single plate				Double 24
coupling, vertical or horizontal				horizontal

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second					
" " Third					
" " Holds	16 x 18	30-26	4 x 3 x 30	27"	✓
COLLISION	57	34-30	52 x 3 x 34 B.A.	24"	✓
AFTER PEAK	4 x 6	50 x 30	5 x 3 x 34	24"	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).
	Appleby, Frodingham Stl. Co. Ld.; Corbett & Co. Ld.; South Durham S. & I. Co. Ld.; Nottingham I. & S. Wks.; Cargo Fleet I. Co. Ld.; Picinny & Co. Ld.; Dorman Long & Co. Ld.
	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.)

1/ Forging reports (2) ✓
2/ Steel Invoices ✓
3/ Midship Section ✓
4/ Profile & Decks ✓

The casings are rivetted and not welded as at first contemplated.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.
1st Bower 3.2.13 : J.D; 3281; 14/6/34 :
2nd " 3.2.10 : J.D; 3295; 12/7/34 :
3rd " ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 35 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 16 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 Stk. (Stl).
Official No. 163960 : 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,	16	38
Double bottom, under Engines and Boilers,			After peak tank,	11	18
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			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. 3049

Date 26th July 1934

Dates of Surveys held while building

1934:— June 5, July 26, Aug 2, 10, 15, 20, 27, Sept. 5, 14, 18, 27.
Oct. 1, 3, 5, 9, 11, 13, 20, 22, 23, 26, 31. Nov 2, 5, 12, 14, 21, 23, 25. Dec 3, 6, 8, 18, 28.
1935:— Jan 3, 4, 10. Mar 7.

Total No. of Visits 38.