

Rpt. 1.

DISCLOSED
SECTIONN/N "CARBO CENTRE"
STEEL STEAMER or MOTORSHIP.DISCLOSED
SECTION

Received at London Office... 25 JAN 1942

No. 839 B

No. 21432

Rpt. 1.

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

30th December 1941 Port of *Gainsborough*

Survey held at

Gainsborough Date First Survey 12th April 1940 Last Survey 15th December 1941On the (Single, ~~Machinery fitted for~~ and ~~without Tonnage~~)

Single Screw M/V "EMPIRE RIVER"

N/N PETER LEIGH

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

Full Scantling

State Type of Erections *Roof & Forecastle*

TONNAGE under Tonnage Deck

230.18

CLASS

100A1

State if with freeboard as condition of Class

us

Built at

Gainsborough

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 130.00

Launched 8th September 1940 No. 1521

Builders *J. S. Watson (Gainsborough) Ltd*Owners *Ministry of War Transport*Managers *British Channel Islands Shipping Co Ltd*
(Where necessary to be entered in Reg. Book.)Residence *London*Port of Registry *Null*

If surveyed while building, afloat, or in dry dock

1 Building @ Afloat.

Total

230.18

Gross Tonnage

319.74

Register Tonnage

149.78

Breadth (greatest moulded)

B 24.50

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

D 9.66

1st Longitudinal Number (L x D)

= 1255

2nd Numeral L x (B + D)

= 4430

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

8.50

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

13.46

Do. Long Bridge to top of keel

✓

Draught Moulded

8'-10 3/8

REGISTERED DIMENSIONS.

FEET.

Length

131.50

Breadth

24.55

Depth

8.80

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	21		Bracket Floors, Frame	—	
" " from 1/2 length amidships to Collision bulkhead	21		" " Reversed Frame	—	
" " in peaks	21		" " Vertical Struts	—	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	—	
Frame Amidships, Angle, <i>E or F</i>	4 2 1/2 .30		" " top Angles	—	
" " Extends up to <i>Upper decks</i>			" " bottom Angles	—	
Reversed Frame Amidships, Angle <i>as frames 8, 11, 12 & 15</i>	2 1/2 2 1/2 .32		Side Girders, No. each side and thickness	—	
" " Extends up to <i>Upper decks</i>			Margin Plate depth (excl. of flange) and thickness	—	
Depth of Framing Girder <i>as floor</i>	4		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	—	
Frames in Uppermost Continuous Tween Decks, Angle, <i>E or F</i>	—		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	—	
" " Second Tween Decks, Angle, <i>E or F</i>	—		" " Gussets, spacing and scantling abaft 1/2 len. from stem	—	
" " Third " " "	—		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	—	
" " from 1/2 len. for'd. to 15% len. from Stem	4 2 1/2 .30		Tank Side Brackets, height above base line at toe of Frame and thickness	—	
" " in Peaks, Angle <i>E or F</i>	4 2 1/2 .30		INNER BOTTOM PLATING.	—	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 : 4 1/2		Breadth and thickness of Middle Line Strake	—	
State if Frame Joggled	<i>no</i>		Thickness of remainder in Holds	—	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>yes</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?	—	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>yes</i>		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	5 3 .30	
Floors, Depth and thickness at mid-line in Holds <i>carried up 2-6 at ends as frames 56 to 65 inclusive</i>	14 x .32		" " in way of Bridge, Angle, <i>E or F</i>	5 3 .30	
Height of Brackets at side above base line at toe of frame	—		Spacing	21	
Middle Line Keelson, on Floors, Angles, <i>E or F</i>	3 1/2 x 3 x .38 double		Second Deck, amidships, Angle, <i>E or F</i>	—	
" " Through Plate or Intercoastal Plate	.32		Spacing	—	
" " Foundation Plate on Floors	—		Third Deck, amidships, Angle, <i>E or F</i>	—	
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x .30 double		Spacing	—	
Side Keelsons, No. each side	<i>one</i>		Fourth Deck, amidships, Angle, <i>E or F</i>	—	
" " thickness of Intercoastal Plate	.32		Spacing	—	
" " Angles <i>as frames 2 1/2 x 2 1/2 x .30 single</i>	3 1/2 x 3 x .32 double		Poop Deck, Angle, <i>E or F</i>	5 3 .36	
DOUBLE BOTTOM.			Spacing	42	
Solid Floors, thickness and spacing	—		Bridge Deck, Angle, <i>E or F</i>	—	
" " Are Frame and Reversed Frame joggled?	—		Spacing	—	
Bracket Floors, breadth and thickness at middle line	—		Forecastle Deck, Angle, <i>E or F</i>	5 3 .36	
" " breadth and thickness at margin plate	—		Spacing	—	

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.)

Forging 12pt of stern frame crudder is attached. (Spec 12pt No F. 3914)

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Cruiser Stern.
Barge bottom not felled

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower 4-1-6 : J.D. : 5259 : 3/11/39.
2nd " 4-1-2 : J.D. : 5390 : 3/11/39.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.0 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 13.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. 167109

Signal Letters ✓

Extreme Breadth over Belting (Circ. 1611) ✓

Over-all Length 137.0 (Circ. 1703)

No. and Material of Decks

1 Plk (Stl)

Parts of Bottom of Vessel coated with cement or approved composition Bottom coated with cement covering inside heads. Ironwork below ceiling in hold and all in fore & after peak cement washed.

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.		Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.		Feet.	Tons.	
Double bottom, aft,	—	—	Fore peak tank,	—	—	35
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—	21
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—	23
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—	—
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—	—
Total length (if continuous) and Capacity	—	—	(If necessary, furnish further information by sketch.)			

Order for Special Survey No.

Date

Dates of Surveys held while building

12/4, 27/5, 14/6, 17/9, 11/10, 22/11, 16/12, 20/12/40, 7/2, 14/2, 6/3, 18/4, 28/5, 12/6, 2/7, 5/8, 7/10, 28/10, 3/12 and 15/12/41.



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