

Rpt. 1


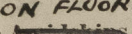






STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office

31 OCT 1946

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 **28th October, 1946** Port of **Hull** No. **53775**Survey held at **Gainsborough** Date First Survey **22nd October, 1943** Last Survey **17th October 1946**On the **"T.R.V. 8"**State Type **Full Scantling** State Type of Erections **Forecastle and Poop**TONNAGE under Tonnage Deck... **129.96** CLASS **T100A1** State if with freeboard **No** 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 96.45** Launched **17th April, 1944** Yard No. **1551**Total **129.96** Breadth (greatest moulded) **B 20.23** Builders **J.S. Watson (Gainsborough) Ltd.**Gross Tonnage **198.28** Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 8.00** Owners **The Admiralty**Register Tonnage **59.13** 1st Longitudinal Number (L x D) **= ✓** Managers **✓**REGISTERED DIMENSIONS. FEET. 2nd Numeral L x (B + D) **= ✓** Framing Depth "d," at middle of length. See Sec. 3 (1d) **✓** Residence **London**Length **98.40** Proportions—Depth to Length—Uppermost continuous deck to top of keel **✓** Port of Registry **✓**Breadth **20.95** Do. Long Bridge to top of keel **✓** If surveyed while building, afloat, or in dry dockDepth **8.25** Draught Moulded **✓** **Building and 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.
<b>FRAMES, Spacing amidships</b> .....	<b>21</b> ✓		<b>Bracket Floors, Frame</b> .....	—	—
“ “ from $\frac{3}{4}$ length amidships to Collision bulkhead.....	<b>21</b> ✓		“ “ Reversed Frame .....	—	—
“ “ in peaks.....	<b>21</b> ✓		“ “ Vertical Struts .....	—	—
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b> .....	—	—
Frame Amidships, Angle,  .....	<b>4 2 1/2 31</b> ✓		“ “ top Angles .....	—	—
“ “ Extends up to .....	<b>UPPER DECK</b> ✓		“ “ bottom Angles .....	—	—
<b>ON FLOORS</b>			<b>Side Girders, No. each side and thickness</b> .....	—	—
Reversed Frame  Angle .....	<b>2 1/2 2 1/2 5/16</b> ✓		<b>Margin Plate</b> depth (excl. of flange) and thickness .....	—	—
“ “ Extends up to... ..	—	—	“ “ Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....	—	—
<b>Depth of Framing Girder</b> .....	<b>4</b> ✓		“ “ Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area .....	—	—
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b> .....	—	—	“ “ Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	—	—
“ “ <b>Second 'tween Decks, Angle, [ or ]</b> .....	—	—	“ “ Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area.....	—	—
“ “ <b>Third</b> “ “ “ “ .....	—	—	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> .....	—	—
“ “ from $\frac{1}{4}$ len. for'd. to 15% len. from Stem.....	—	—	<b>INNER BOTTOM PLATING.</b>		
“ “ in Peaks, Angle  .....	<b>4 2 1/2 31</b> ✓		Breadth and thickness of Middle Line Strake ...	—	—
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	<b>5/8 : 1 1/8</b> ✓		Thickness of remainder in Holds .....	—	—
<b>State if Frame Joggled</b> .....	<b>No</b> ✓		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 the <b>Panting Area</b> in accordance with the Rules and/or as approved? .....	<b>YES</b> ✓		<b>BEAMS.</b>		
Are the scantlings and arrangements in way of the <b>Bottom Forward</b> in accordance with the Rules and/or as approved? .....	<b>YES</b> ✓		<b>Uppermost Continuous Deck, amidships</b> .....	<b>4 2 1/2 28</b> ✓	
<b>SINGLE BOTTOM.</b>			“ “ in Wells, Angle,  .....	<b>3 2 1/2 25</b> ✓	<b>1/2 beams</b>
Floors, Depth and thickness at mid-line in Holds .....	<b>14 x 25</b> ✓		“ “ in way of Bridge, Angle,  .....	—	—
Height of Brackets at side above base line at toe of frame .....	<b>NONE</b> ✓		“ “ Spacing .....	<b>21</b> ✓	—
<b>Middle Line Keelson, on Floors, Angles, </b> .....	<b>4 x 2 1/2 x 31 DOUBLE</b> ✓		<b>Second Deck, amidships, Angle, [ or ]</b> .....	—	—
“ “ “ Through Plate or Intercoastal Plate .....	<b>14 x 28</b> ✓		“ “ Spacing .....	—	—
“ “ “ Foundation Plate on Floors .....	<b>24 x 5/16</b> ✓		<b>Third Deck, amidships, Angle, [ or ]</b> .....	—	—
“ “ “ Flat Plate Keel Angles .....	<b>2 1/2 x 2 1/2 x 1/4 SINGLE</b> ✓		“ “ Spacing .....	—	—
<b>Side Keelsons, No. each side</b> .....	<b>ONE</b> ✓	<b>x see plan</b>	<b>Fourth Deck, amidships, Angle, [ or ]</b> .....	—	—
“ “ thickness of Intercoastal Plate... ..	<b>28</b> ✓		“ “ Spacing .....	—	—
“ “ Angles <b>RIDER PLATE TOP</b> .....	<b>12 1/2 x 5/16 2 1/2 2 1/2 31</b> ✓		<b>Poop Deck, Angle, </b> .....	<b>3 2 1/2 28</b> ✓	
<b>DOUBLE BOTTOM.</b>			“ “ Spacing .....	<b>21</b> ✓	
Solid Floors, thickness and spacing .....	—	—	<b>Bridge Deck, Angle, [ or ]</b> .....	—	—
“ “ Are Frame and Reversed Frame joggled? .....	—	—	“ “ Spacing .....	—	—
<b>Bracket Floors, breadth and thickness at middle line</b> .....	—	—	<b>Forecastle Deck, Angle, </b> .....	<b>4 2 1/2 28</b> ✓	
“ “ breadth and thickness at margin plate.....	—	—	“ “ Spacing .....	<b>3 2 1/2 28 21</b> ✓	



## 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>	-	-	-		Stringer Plate, breadth and thickness in way of Bridge .....	-	-	-	
"    in 'tween Decks, Size and Spacing.....	-	-	-		Thickness of Plating abreast Deck openings in way of Wells .....	-	-	-	
"    "    "    "    "    "	-	-	-		Thickness of Plating abreast Deck openings in way of Bridge .....	-	-	-	
"    in Holds    "    "	-	-	-		Thickness of Plating within line of openings...	-	-	-	
"    "    "    "    "	-	-	-		If Sheathed, material and thickness .....	-	-	-	
<b>Centre Line Bulkhead, in Oil Fuel Tanks.....</b>	6 x 36	32	49	✓	<b>Third Deck.</b>				
Stiffeners and Spacing.....	21"	✓			Stringer Plate, breadth and thickness.....	-	-	-	
Plating, thickness of .....	28	✓			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	35	x	30	✓	If Plated, state thickness .....	-	-	-	
"    "    "    "    in way of Bridge	-	-	-	✓	<b>Poop Deck.</b>				
"    Angle in Wells .....	2 1/2	2 1/2	31	✓	Stringer Plate, breadth and thickness .....	54	x	18	✓
Thickness of Plating abreast Deck openings in way of Wells .....	30	✓			Plating, Sheathing, material and thickness ...	138	x	18	✓
Thickness of Plating abreast Deck openings in way of Bridge .....	-	-	-		1/2" SEMTEX				✓
Thickness of Plating within line of openings...	28	✓			<b>Bridge Deck.</b>				
If Sheathed, material and thickness .....	-	-	-		Stringer Plate, breadth and thickness.....	-	-	-	
<b>Second Deck.</b>					Plating, Sheathing, material and thickness ...	-	-	-	
Stringer Plate, breadth and thickness in Wells...	-	-	-		<b>Forecastle Deck.</b>				
					Stringer Plate, breadth and thickness.....	24	✓		
					Plating, Sheathing, material and thickness ...	24	✓		

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <b>Yes</b>			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.		Diam.	Spacing or. to cr.	
	Inches.	Inches.	Inches.	Inches.								
FLAT PLATE KEEL .....	44	36	32	32		SINGLE	5/8	2 1/2	TWO	5/8	2 1/4	LAPPED
" <del>DBLS.</del> (if any)	—	—	—	—		—	—	—	—	—	—	—
BOTTOM PLATING, No. of Strakes .2.....	39C 46 1/2	32	28	30		SINGLE	5/8	2 1/2	TWO	5/8	2 1/4	LAPPED
BILGE PLATING, No. of Strakes .....1.....	44	32	28	26		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes .....1.....	48	28	26	26		"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells.....	47	28	25	25		"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Bridge ...	—	—	—	—		—	—	—	—	—	—	—
STRAKE BELOW Sheer- strake in Wells.....	—	—	—	—		—	—	—	—	—	—	—
STRAKE BELOW Sheer- strake in Bridge ...	—	—	—	—		—	—	—	—	—	—	—
POOP SIDE PLATING .....	—	—	—	25		SINGLE	5/8	2 1/2	ONE	5/8	2 1/4	LAPPED
BRIDGE SIDE PLATING ...	—	—	—	—		—	—	—	—	—	—	—
FOREC'TLE SIDE PLATING	—	—	25	—		SINGLE	5/8	2 1/2	ONE	5/8	2 1/4	LAPPED

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 4 ✓ 3 for record

Extending to Upper Deck (Sec. 3 c) 4 ✓

Deck next below ✓

APPROVED

As per Rule 4 ✓

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	" Second "					
"	" Third "					
"	Q <sub>2</sub> T. Holds No 22 x 24	32 x 28	13w 6 x 3 x 32	25	-	-
"	WT. (in Hold) No 8	32 x 30	13w 4 x 3 x 33	28	-	-
COLLISION						
"	"	11.51	34 x 30	5 x 3 x 38 4 x 2 1/2 x 32	33	-
AFTER PEAK						

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> .....		6" x 1 1/8" ✓		
<b>STERN FRAME</b> {	Propeller Post .....	5" x 2 3/4" ✓	Order ✓	
	Rudder " .....	—		
<b>Speed of Vessel</b> .....		about 9 1/2 knots. ✓		
<b>RUDDER—Type</b> .....		Balanced ✓		
" A x D .....		✓		
" Diam. of head .....		3 3/4" ✓		
" Mainpiece at top pintle .....		✓		
" " heel ...		3" ✓		
" how constructed .....		Forged frame with 3 arms and side plates ✓		
" double or single plate coupling, vertical or		26 ✓		
" horizontal .....		Horizontal ✓		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH  
PLATES: Appleby - Nottingham Steel Co. Ltd.  
SECTIONS: - - - - -  
 Has the Steel been tested as required by the Rules? Yes ✓, Bennett Iron Co. Ltd., Darnley Lang 160.







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.)

Longing reports of the stern frame and rudder are attached to the report.

STEERN FRAME: No 2859: SUNDERLAND. C.P. 16/3/44.

RUDDER. No 3059/60 " " 20/7/44.

PARTICULARS OF ELECTRIC WELDING (if employed)

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

+100A1 "For Government Service"

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

1st Bower 3-0-21 A.E.G. 673: 4/5/44  
2nd " 3-0-26 " 1496: 12/5/44  
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43 ft., R.Q.D. ft., Bridge ft., Forecastle 15.75 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 21.00 Over-all Length 102.87

No. and Material of Decks One deck (steel)

Parts of Bottom of Vessel coated with cement or approved composition cement and bituminous solution

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. 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,			FUEL BUNKER		
Double bottom, if under Boilers only,			Deep tank, aft,	3.5	15
Double bottom, forward,			Deep tank, forward,		
Total length (if continuous) and Capacity			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3447.

Date 29.10.44

Dates of Surveys held while building

1943. Oct 22.

1944. Jan 21. Feb. 23. Apr. 18. July 18. Aug. 24. Dec. 12.

1945. May 27. July 10. Aug 21. Nov. 22.

1946. Mar. 21. July 24. Sept 25. Oct 17.

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Total No. of Visits 15.