

RECEIVED

20 MAR 1946

IN D.O.

STEEL STEAMER ~~OR~~ MOTORSHIP.

16 MAR 1946

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 5th March, 1946 Port of HULLNo. 53363Survey held at Gainsborough Date First Survey 22nd October, 1943 Last Survey 4th March, 1946On the "T.R.V. 7"State Type Full ScantlingState Type of Erections Forecastle & PoopTONNAGE under Tonnage Deck ... 129.96CLASS K 100A1 State if with freeboard NO

for Government Service

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 96.75Breadth (greatest moulded) 20.83Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 9.001st Longitudinal Number (L x D) ✓2nd Numeral L x (B + D) ✓Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓  
Do. Long Bridge to top of keel ✓Draught Moulded ✓Built at GainsboroughLaunched 6th October, 1945 Yard No 1550Builders J. S. Watkinson (Gainsborough) Ltd.Owners The AdmiraltyManagers ✓

(Where necessary to be entered in Reg. Book)

Residence LondonPort of Registry ✓

If surveyed while building, afloat, or in dry dock

1 Building Afloat

## REGISTERED DIMENSIONS.

FEET

Length 96.40Breadth 20.95Depth 8.25

## 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, <u>4 2 1/2</u> ✓	4 2 1/2 31 ✓		"    "    top Angles .....	— — —
"    "    Extends up to..... <u>UPPER DECK</u> ✓	UPPER DECK ✓		"    "    bottom Angles.....	— — —
"    " <u>ON FLOOR</u> ✓			Side Girders, No. each side and thickness.....	— — —
Reversed Frame Amidships, Angle <u>2 1/2 2 1/2 5/16</u> ✓	2 1/2 2 1/2 5/16 ✓		Margin Plate depth (excl. of flange) and thickness .....	— — —
"    "    Extends up to .....	— — —		"    "    Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	— — —
Depth of Framing Girder.....	4 ✓		"    "    Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....	— — —
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	— — —		"    "    Gussets, spacing and scantling abaft 1/2 len. from stem.....	— — —
"    "    Second 'tween Decks, Angle, [ or ] .....	— — —		"    "    Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	— — —
"    "    Third .....	— — —		Tank Side Brackets, height above base line at toe of Frame and thickness	— — —
"    "    from 1/2 len. for'd. to 15% len. from Stem .....	— — —		INNER BOTTOM PLATING.	— — —
"    "    in Peaks, Angle <u>4 2 1/2</u> ✓	4 2 1/2 31 ✓		Breadth and thickness of Middle Line Strake...	— — —
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	5/8 : 4 3/8 ✓		Thickness of remainder in Holds .....	— — —
State if Frame Joggled.....	NO ✓		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 Panting Area in accordance with the Rules and/or as approved? .....	YES ✓		BEAMS.	— — —
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	YES ✓		Uppermost Continuous Deck, amidships in Wells, Angle, <u>4 2 1/2</u> ✓	4 2 1/2 28 ✓
SINGLE BOTTOM.			"    "    in way of Bridge, Angle, [ or ] .....	3 2 1/2 25 1/2 beams ✓
Floors, Depth and thickness at mid-line in Holds.....	14 x 25 ✓		"    "    Spacing .....	21 ✓
Height of Brackets at side above base line at toe of frame.....	NONE ✓		Second Deck, amidships, Angle, [ or ] .....	— — —
Middle Line Keelson, on Floors, Angles, <u>14 x 2 1/2 x 3/16</u> ✓	14 x 2 1/2 x 3/16 ✓		"    "    Spacing .....	— — —
"    "    Through Plate or Intercoastal Plate .....	14 x 1 1/2 ✓		Third Deck, amidships, Angle, [ or ] .....	— — —
"    "    Foundation Plate on Floors .....	2 1/2 x 5/16 ✓		"    "    Spacing .....	— — —
"    "    Flat Plate Keel Angles <u>2 1/2 x 2 1/2 x 1/4</u> ✓	2 1/2 x 2 1/2 x 1/4 ✓		Fourth Deck, amidships, Angle, [ or ] .....	— — —
Side Keelsons, No. each side.....	ONE ✓		"    "    Spacing.....	— — —
"    "    thickness of Intercoastal Plate.....	28 ✓		Poop Deck, Angle, <u>4 2 1/2</u> ✓	3 2 1/2 28 ✓
"    " <u>RIDER PLATE</u> ✓	12 1/2 x 5/16 ✓		"    "    Spacing.....	21 ✓
"    "    Angles <u>2 1/2 2 1/2 3/16</u> ✓	2 1/2 2 1/2 3/16 ✓		Bridge Deck, Angle, [ or ] .....	— — —
DOUBLE BOTTOM.			"    "    Spacing.....	— — —
Solid Floors, thickness and spacing .....	— — —		Forecastle Deck, Angle, <u>4 2 1/2</u> ✓	4 2 1/2 28 ✓
"    "    Are Frame and Reversed Frame joggled? .....	— — —		"    "    Spacing.....	21 ✓
Bracket Floors, breadth and thickness at middle line .....	— — —			
"    "    breadth and thickness at margin plate.....	— — —			



# 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 .....	—	—	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 .....	—	—
Centre Line Bulkhead, IN OIL FUEL BUNKER			Third Deck.		
Stiffeners and Spacing .....	6 x 3 x .32 13 2	21	Stringer Plate, breadth and thickness .....	—	—
Plating, thickness of .....	.26		If Plated, state thickness .....	—	—
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness .....	—	—
Stringer Plate, breadth and thickness in Wells	55 x .30		If Plated, state thickness .....	—	—
„ „ „ „ in way of Bridge	—	—	Poop Deck.		
„ 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 ...	38 x .18	1/2 SEMTEX
Thickness of Plating abreast Deck openings in way of Bridge .....	—	—	Bridge Deck.		
Thickness of Plating within line of openings...	.26		Stringer Plate, breadth and thickness .....	—	—
If Sheathed, material and thickness .....	—	—	Plating, Sheathing, material and thickness ...	—	—
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	—	—	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? <i>YES</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	<i>44</i>	<i>.36</i>	<i>.32</i>	<i>.32</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 1/2</i>	<i>TWO</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
„ <del>Dble.</del> (if any)	—	—	—	—		—	—	—	—	—	—	—
Bottom Plating, No. of Strakes <i>2</i> .....	<i>39 2</i> <i>46 3</i>	<i>.32</i>	<i>.28</i>	<i>.30</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 1/2</i>	<i>TWO</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
Bilge Plating, No. of Strakes <i>7</i> .....	<i>44</i>	<i>.32</i>	<i>.28</i>	<i>.26</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
Side Plating, No. of Strakes <i>1</i> .....	<i>48</i>	<i>.28</i>	<i>.26</i>	<i>.26</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
Upper Deck, Sheer- strake in Wells.....	<i>47</i>	<i>.28</i>	<i>.25</i>	<i>.25</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
Upper Deck, Sheer- strake in Bridge ...	—	—	—	—		—	—	—	—	—	—	—
Strake below Sheer- strake in Wells.....	—	—	—	—		—	—	—	—	—	—	—
Strake below Sheer- strake in Bridge ...	—	—	—	—		—	—	—	—	—	—	—
Poop Side Plating.....	—	—	—	<i>.25</i>		<i>SINGLE</i>	<i>5/8</i>	<i>2 1/2</i>	<i>ONE</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>
Bridge Side Plating.....	—	—	—	—		—	—	—	—	—	—	—
Forecastle Side Plating	—	—	<i>.25</i>	—		<i>SINGLE</i>	<i>5/8</i>	<i>2 1/2</i>	<i>ONE</i>	<i>5/8</i>	<i>2 1/4</i>	<i>LAPPED</i>

# 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.	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	—	—	—	—	—
„ „ Second „	—	—	—	—	—
„ „ Third „	—	—	—	—	—
„ „ O.T. Holds No. 32 x 34	.32	.28	6 x 3 x .32	.25	—
COLLISION „ W.T. (in Hold) No. 6	.32	.30	7 x 3 x .33	.28	—
AFTER PEAK „ „ „	.51	.34	30 x 2 1/2 x .32	.33	—

# FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	—	—	—	—
STEM .....	—	6 x 1 1/8	—	—
STERN FRAME { Propeller Post .....	—	5 x 2 3/8	FORSTER	—
„ { Rudder „ .....	—	—	—	—
Speed of Vessel .....	—	ABOUT 9 1/2 KNOTS	—	—
RUDDER—Type .....	—	BALANCED	—	—
„ A x D .....	—	✓	—	—
„ Diam. of head .....	—	3 3/4	—	—
„ Mainpiece at top pintle .....	—	✓	—	—
„ „ heel .....	—	3	—	—
„ how constructed .....	—	FORGED FRAME WITH 3 ARMS & 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 — FRODINGHAM STEEL CO. LTD
	SECTIONS: — — —
	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.)

Longing reports of the stern frame & rudder are forwarded with the report.

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 3-1-5 : A.E.G. 1488 : 10/5/44.  
2nd " 3-1-9 : " : 1544 : 17/5/44  
3rd " : : : : 17/5/44

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 15.75 ft. 17/5/44

(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 21.08 Over-all Length 102.87 ✓  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck (stl.)

Parts of Bottom of Vessel coated with cement or approved composition Cement & 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,	✓	31
Double bottom, under Engines and Boilers,			After peak tank,	✓	101 10.1
Double bottom, if under Engines only,			FUEL BUNKER	3.5	15
Double bottom, if under Boilers only,			Deep tank, aft,		
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. 3446.

Date 29.10.43.

Dates of Surveys held while building

1943. Oct 22.  
1944. Jan 21. Feb. 23. Mar. 14. Apr. 18. July 18. Aug. 24. Sept 21. Oct 6.  
1945. Jan 12. Feb. 16. Apr. 10. May 31. July 10. 24. Aug 21. Sept. 10. Oct 26. Nov. 22. Dec. 20.  
1946. Feb. 6. 13. 20. 25. 27. Mar 4.

Total No. of Visits 26.