

RECEIVED

1-0 AUG 1943

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office

8 AUG 1943

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 25th June, 1943Port of DullNo. 52091Survey held at Gainsborough Dull Date First Survey 1. 6. 42Last Survey 17th June 1943On the (State if Machinery fitted with or without Tonnage Opening)"TRV 5"State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening)Full ScantlingState Type of Erections For the Prop.TONNAGE under Tonnage Deck 129.96CLASS 100A1State if with freeboard as condition of Class noBuilt at GainsboroughDo. 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) 96.75Launched 23rd May, 1943 Yard No. 1535Total 129.96Breadth (greatest moulded) B 20.83Builders J. S. Watson (Gainsborough) Ltd.Gross Tonnage 195.48Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 9.00Owners The AdmiraltyRegister Tonnage 60.121st Longitudinal Number (L x D) ✓Managers ✓

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

Length 98.40Framing Depth "d" at middle of length. See Sec. 3 (1d) ✓Residence LondonBreadth 20.95Proportions—Depth to Length—Uppermost continuous deck to top of keel ✓Port of Registry ✓Depth 8.25Do. Long Bridge to top of keel ✓

If surveyed while building, afloat, or in dry dock

Draught Moulded ✓Building @ 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.
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 31</u> ✓			" " top Angles	— — —	
" " Extends up to.....	<u>Upper Dk</u> ✓		" " bottom Angles.....	— — —	
Reversed Frame <u>ON FLOORS</u> Amidships, Angle	<u>2 1/2 2 1/2 9/16</u> ✓		Side Girders, No. each side and thickness.....	— — —	
" " Extends up to	— — —		Margin Plate depth (excl. of flange) and thickness	— — —	
Depth of Framing Girder.....	4 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	— — —	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>4</u> or <u>5</u>	— — —		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	— — —	
" " Second 'tween Decks, Angle, <u>4</u> or <u>5</u>	— — —		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	— — —	
" " Third	— — —		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	— — —	
" " from 1/2 len. for'd. to 15% len. from Stem	— — —		Tank Side Brackets, height above base line at toe of Frame and thickness	— — —	
" " in Peaks, Angle <u>4 2 1/2 31</u> ✓			INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>5/8 : 4 3/8</u> ✓		Breadth and thickness of Middle Line Strake...	— — —	
State if Frame Joggled.....	<u>no</u> ✓		Thickness of remainder in Holds	— — —	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>yes</u> ✓		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?	<u>yes</u> ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>4 2 1/2 26</u> ✓		
Floors, Depth and thickness at mid-line in Holds.....	<u>14 x 25</u> ✓		" " in way of Bridge, Angle, <u>3 2 1/2 25</u> ✓		
Height of Brackets at side above base line at toe of frame.....	<u>NONE</u> ✓		" " Spacing	<u>21</u> ✓	
Middle Line Keelson, <u>ON FLOORS</u> Angles, <u>4 x 2 1/2 x 31</u> DOUBLE ✓			Second Deck, amidships, Angle, <u>4</u> or <u>5</u>	— — —	
" " Through Plate or Inter-castal Plate	<u>14 x 28</u> ✓		Spacing	— — —	
" " Foundation Plate on Floors	<u>24 x 9/16</u> ✓		Third Deck, amidships, Angle, <u>4</u> or <u>5</u>	— — —	
" " Flat Plate Keel Angles <u>2 1/2 x 2 1/2 x 1/4</u> SINGLE ✓			Spacing.....	— — —	
Side Keelsons, No. each side.....	<u>ONE</u> ✓		Fourth Deck, amidships, Angle, <u>4</u> or <u>5</u>	— — —	
" " thickness of Inter-castal Plate.....	<u>28</u> ✓		Spacing.....	— — —	
" " Angles <u>ON FLOORS</u> <u>12 1/2 x 9/16</u> ✓			Poop Deck, Angle, <u>4 2 1/2 26</u> ✓		
" " Angles <u>TOP</u> <u>2 1/2 x 2 1/2 x 31</u> ✓			Spacing.....	<u>21</u> ✓	
DOUBLE BOTTOM.			Bridge Deck, Angle, <u>4</u> or <u>5</u>	— — —	
Solid Floors, thickness and spacing	— — —		Spacing.....	— — —	
" " Are Frame and Reversed Frame joggled?	— — —		Forecastle Deck, Angle, <u>4 2 1/2 28</u> ✓		
Bracket Floors breadth and thickness at middle line	— — —		Spacing.....	<u>21</u> ✓	
" " 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 FUEL BUNKER ✓				Third Deck.	
Stiffeners and Spacing	3 A. 6 x 3 x 32. 21. ✓			Stringer Plate, breadth and thickness.....	—
Plating, thickness of28 ✓			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 Wells30 ✓			Plating, Sheathing, material and thickness38 2 x 18 1/2 SEMENTEX ✓
Thickness of Plating abreast Deck openings } in way of Bridge	—	—	—	Bridge Deck.	
Thickness of Plating within line of openings...	.28 ✓			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.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jagged? yes /	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.....	44	.36	.32	.32		Single	5/8	2 1/2	Two	5/8	2 1/4	Lapped	
" Dblg. (if any)	—	—	—	—		—	—	—	—	—	—	—	
Bottom Plating, No. of Strakes	37	.32	.28	.30		Single	5/8	2 1/2	Two	5/8	2 1/4	Lapped	
Bilge Plating, No. of Strakes	44	.32	.28	.26		"	"	"	"	"	"	"	
Side Plating, No. of Strakes	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.....	—	—	—	—		—	—	—	—	—	—	—	
Forecastle 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— 3 for record
 Extending to Upper Deck (Sec. 3 c) 4
 „ Deck next below 1
 Approved _____
 As per Rule 4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	—	—	—	—
STEM		6 × 1½ ✓		
STERN FRAME { Propeller Post		5 × 2½ FORSTER ✓		
{ Rudder		—		
Speed of Vessel		ALL 9½ KNOTS ✓		
RUDDER—Type		BALANCED ✓		
A × D		✓		
Diam. of head		3¾ ✓		
Mainpiece at top pintle		✓		
heel		3" ✓		
how constructed		FORGED FRAME WITH 3 ARMS 2 SIDE PLATES. • 26		
double or single plate coupling, vertical or horizontal		HORIZONTAL ✓		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Bridge.

APPLEBY - FRIDINGHAM & DORMAN, LONG

Has the Steel been tested as required by the Rules? YES ✓

Req. 1.

No.

W

for

of

may -

we

in a

Book
there

No. 100

14

10

1

1

知

CC

EQUIPMENT No. ✓										LETTER ✓	ANCHORS. ✓			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				
55868	1st Bower	5	1	14	7	14	0	7	✓	5 1/4 ✓	HALL'S TYPE C.S. HEAD	B. HINGLEY & SONS	CRADLEY HEATH 26/3/43 W.V. NORMAN	
55869	2nd	5	1	19	7	14	0	7	✓	5 1/4 ✓	"	"	"	
	3rd										"	"	"	
	Collective weight	10	2	24						10 1/2 ✓				
55870	Stream	1	1	10	1	11	3	15	3	21	1 1/4 ✓	ORDINARY FORGED WROUGHT IRON	✓	" " "

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.		
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.	
66116	120	3/4	10 1/2	15 1/2	37	3	6	120	3/4	STUD B. HINGLEY & SONS	B. HINGLEY & SONS	12/11/42 W.V. NORMAN	CRADLEY H.	75	6	see Bgn 3236			
														60	5 1/2		60	5 1/2	
														60	3 1/2		60	3 1/2	
Iron Stream Chain or Steel Wire	45	2																	

Steering Gear, Type (Power ² hand) HYLAND HYDRAULIC TYPE Alternative Means of Steering RELIEVING TACKLE

Steering Chains (Size and Test) NONE Windlass EMMEASON, WALKER Boats TWO WOOD DINGHY 16'0"

Ceiling in Holds, thickness and material 2" WOOD & 5/16" STEEL PLATE Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways. (Upper Deck) STEEL PLATES & ANGLES Thickness of Hatches COVERS: 25 STEEL TOP: 38 STEEL

Size of Hatchways MAIN No. 1 (Fwd) 22'9" x 11'10 1/4" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams 3 FIXED and/or Fore and Afters ✓

Builder's Signature J. S. WATSON (GAINSBOROUGH) LTD
M. H. Watson
Governing Director.

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo yes The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation). FRAMES 32 TO 34, F.P. ABOVE 150°F

This vessel has been built in accordance with the approved plans and specification.
The materials and workmanship are of good quality.
The fore and after peaks and fuel bunker tanks water tested according to Rules.
The decks water tested by a hose.
The steering gear, windlass and Donington pump trier under working conditions.
All the requirements in accordance with the approved Surveying Scheme have been carried out.
This vessel is a sister ship to the vessel yard No 1527, "T.R.V.1" (see Hull 12th 51750)

The amount of Entry Fee..... £ 5 AUG 1943 (Special notations, where part of class, to be stated.)

FOR CLASSIFICATION
Special Survey Fee..... £ 40:0:0
SUPERVISION OF SPECIFICATION
Travelling Expenses, if any..... £ 19

Received by me, 19

I am of opinion the Vessel should be Classed 100A1
FOR GOVERNMENT SERVICE

Signature J. L. Palmer
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey yes

Certificate to be sent to HULL Date of issue 9/9/43

Committee's Minute FRI. 20 AUG 1943

Character assigned +100A1 For Government Service
Lloyds A.P.C. Mch. Aft. + LMC 6. 43
Oil Eng.

Write Hull
Leeds

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 foregoing reports and copy of Testimony Certificate issued 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

For Government Service

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

1st Bower 3-0-25 REG. 7445: 29/10/42
2nd " 3-0-25 REG. 7446: 29/10/42
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 21.08 Over-all Length 102.87
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Am (Stk)

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Fuel Bunker,	3.5	15
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

1942. June 1. 18. 29. July 20. Aug 19. 26. Sept 2. 9. Oct 22. 26. Nov. 24. Dec. 16.
1943. Jan 20. 29. Mar. 8. 25. Apr. 21. May 18. 25. 26. June 7. 14.

Total No. of Visits 22