

Rpt. 1

2 FEB 1944

IN D.O.

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office 18 FEB 1944

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel YesDate of completion of report 15th February 1944 Port of HULLNo. 52333Survey held at THORNE Date First Survey 23rd September, 1942 Last Survey 8th February 1944On the (State if Machinery fitted Aft and of Single, Twin or Triple Screw) STEEL SCREW TUG SINGLE "EMPIRE ANDREW"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections FLUSH DECKTONNAGE under Tonnage Deck ... 1310CLASS 100A.1 State if with freeboard as condition of Class NoBuilt at THORNEDo. 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) 93.75Launched 27th November 1943 Yard No. 386Total 1310Breadth (greatest moulded) 21.25Builders RICHARD HUNSTON LTDGross Tonnage 137.54Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 10.5Owners MINISTRY OF WAR TRANSPORTRegister Tonnage NIL1st Longitudinal Number (L x D) 985Managers ✓2nd Numeral L x (B + D) 2976Residence LONDON

REGISTERED DIMENSIONS.

FEET

Length 94.1Breadth 21.3Depth 9.75Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel 8.93Do. Long Bridge to top of keel ✓Draught Moulded ✓Port of Registry GOOLE

If surveyed while building, afloat, or in dry dock

DURING CONSTRUCTION.

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	✓	" " top Angles		
" " <u>1/4 BOWER ROOM AND AHEAD</u>	4 2 1/2	✓	" " bottom Angles		
" " Extends up to <u>DECK</u>		✓	Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle <u>2 1/2 2 1/2</u>	2 1/2 2 1/2	✓	Margin Plate depth (excl. of flange) and thickness		
" " Extends up to <u>REVERSED FLOORS</u>	2 1/2 2 1/2	✓	" " Vertical Angle to Tank side		
Depth of Framing Girder	4	✓	" " Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [or]			" " Bracket from forward 1/4 len. from stem to Panting Area		
" " Third			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " from 1/2 len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " in Peaks, Angle <u>4 2 1/2</u>	4 2 1/2	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 4 1/2	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No.	✓	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>YES</u>	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	14 x .26	✓	Uppermost Continuous Deck, amidships	4 2 1/2	✓
Height of Brackets at side above base line at toe of frame	14 x .36	✓	" " Angle, <u>4 2 1/2</u>	4 2 1/2	✓
Middle Line Keelson, on Floors, Angles	3 1/2 3 .38	✓	" " in way of Bridge, Angle, <u>3 1/2</u>	3 1/2	✓
" " Through Plate or Inter-costal Plate	.42	✓	" " Spacing	21	✓
" " Foundation Plate on Floors	15 x .28	✓	Second Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	12 x .42	✓	" " Spacing		
Side Keelsons, No. each side	ONE	✓	Third Deck, amidships, Angle, [or]		
" " thickness of Inter-costal Plate			" " Spacing		
" " Angles	5 4 .48	✓	Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			" " Spacing		
Solid Floors, thickness and spacing			Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?			" " Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate			" " Spacing		
			Forecastle Deck, Angle, [or]		
			" " Spacing		

(MADE IN ENGLAND.)

012646-012655-0205 1/2



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[illegible][illegible]

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 3

„ Deck next below 1

As per Rule 3

	Casting or Forging.	Scantlings.	Maker's Name.	Any Particulars from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM		ROLLED BAR 5 1/2" x 1"	AMERICAN FRODOCHMAN STEEL CO.	
STERN FRAME	{ Propeller Post	" 5 1/2" x 2 1/2"	MATERIAL IN REPLY FRODOCHMAN STEEL CO.	
	{ Rudder	" "	FRAMES OF WELDED CONSTRUCTION. PLAIN RIBBED AT T. FIRM J. BROWN, SHEFFIELD.	
Speed of Vessel		12 KNOTS		
RUDDER—Type		DR. BINARY DOUBLE PLATE RUDDER.		
" A x D.		32.49 x 18.75 = 636		
" Diam. of head		ROLLED BAR 5 DR.	RUDDER OF WELDED CONSTRUCTION BY T. DUNSTON, LTD	
" Mainpiece at top pintle		" "		
" " heel		" "	THORLE	
" how constructed		ROLLED BAR AND SIDE PLATES.		
" double or single plate		✓ .28 ✓ ✓		
" coupling, vertical or		NO COUPLING.		
" horizontal				

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). <i>OPEN HEARTH PROCESS.</i>
	<i>APPLEBY FROTHINGHAM STEEL CO, SOUTH DURHAM STEEL CO, THORMAN LONG & CO, SKINNINGGROVE IRONS.</i>
	Has the Steel been tested as required by the Rules? <i>YES.</i>

EQUIPMENT No.								LETTER						ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT OF STOCK,		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLES.		Description of Anchor.	Makers.	Where and when tested, and Superintendent.					
		Cwts.	qrs. lbs.	Cwts.	qrs. lbs.	Tons.	qrs.	lbs.	Cwts.								
55710	1st Bower	4	0 11	1	0 10	6	10	0 0	✓	44 1/2	ORIGINAL FORGED WROUGHT IRON ANCHOR	NAME NOT GIVEN	CRABTREE HEATH 31-12-92 WY NORTH				
55713	2nd "	4	1 8	1	0 10	6	15	0 0	✓	4 1/2	"	"	" 31-12-92 " "				
✓	3rd "			✓					✓								
✓	Collection weight	8	1 19	2	0 20				✓	84 1/2							
✓	Stream	✓		✓					✓								

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.	
	Length.	Diam.	Stain- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
66544	605	7/8	133	20 5/8	24-1-18	23 1/2	60	7/8	STUD LINK CONNOR & PROS LTD	CARDLEY HEATH.	5-2-93. W.V. NORMAN	TOWLINE	✓	✓	✓	60	5 1/2
												HAWSERS & WARPS	60	5 1/2	✓	60	5 1/2
													60	3 1/2	✓	60	3 1/2
Iron Stream Chain or Steel Wire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓

Steering Chains (Size and Test) 3/4 DIA 6 3/4 TONS TEST STEAM
Windlass BY EMERSON WALKER LTD Boats 2 HOOD LIFEBOATS

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Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways.—(Upper Deck) 2 SMALL HATCHES ON CASING TOP ✓ Thickness of Hatches 3" WHITE PINE. ✓

Size of Hatchways No. 1 (Fwd.) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams } PER PRO RICHARD DUNSTON, LTD.

Builder's Signature..... *[Signature]* SECRETARY

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. No
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. No 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). ✓

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's Letter. The scantling and arrangements are in accordance with, or equivalent to, those shown on the approved plans.

The supervision of the specification has been carried out.

The materials and workmanship are good.

The fore and after peak, boiler feed tank, F.W. Tank, and forward ballast tank, have been tested and found satisfactory.

Push, coxins, W.T. bulkheads, steering gear, bracket and hand pump
have been tested.

The amount of Entry Fee £ 2-1-0 } Fees applied for, 1-1-19

(Special notations, where part of class, to be stated.)

Special Survey Fee..... £ 20-0-0 }

For SUPERVISOR or SPECIFICATION. £ 5-0-0

Travelling Expenses, if any £ 3-7-4 } 19

I am of opinion the Vessel should be Classed ~~as~~ 1000.

State whether the Vessel has been built under Special Survey. Yes

Signature *Edw. A. Hudson*
Surveyor to Lloyd's Register of Shipping.

Certificate ~~to be~~ sent to Hull 2

7 Date of Issue 22/8/64

Committee's Minute

Character assigned

+1000 A1
For Long Service
Lloyd A & Co.

+ Lmc 2.44

Write in 1866

Lloyd's Register
Foundation

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.)

This vessel is a sister ship to "EMPIRE LILLIPUT" Hull No. 52309

PARTICULARS OF ELECTRIC WELDING (if employed)

STERN FRAME AND RUDDER OF WELDED CONSTRUCTION.
FORWARD AND AFTER FLATS WELDED TO SHELL AND FRAMES.
COUNTER OF WELDED CONSTRUCTION.

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

100 H.P. FOR TOWING SERVICES

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

1st Bower
2nd
3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 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' 6 1/2" Over-all Length 99' 2 1/2"

No. and Material of Decks 1 DR STEEL

Parts of Bottom of Vessel coated with cement or approved composition BOTTOM CEMENTED BILGE TO BILGE.

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, 9' 3" + 5' 0" COUNTER	14' 25"	13
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tanks, forward, W. B. TANK 19' 25"	10' 5"	10 1/2 24 1/2
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. 3524

Date 6. 4. 42.

Dates of Surveys held while building

1942. Sept 23. Oct 6. Dec 29. 1943. Jan 13. Mar 14. May 4. 31. June 4. 10. 24. 30. July 6. 9. 14. 21. 27.
Aug 10. 18. 25. 30. Sept 6. 13. 22. 28. Oct 4. 13. 21. 27. Nov 4. 10. 16. 26. Dec 1. 8. 13. 21. 28. 30.
1944. Jan 3. 5. 10. 13. 14. 20. 21. 25. 24. 31. Feb. 5. 8.

Total No. of Visits 50.