

RECEIVED

3 FEB 1944

STEEL STEAMER OR MOTORSHIP.

Received at London Office 2 FEB 1944

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 21st January 1944. Port of HULL No. 52802.Survey held at Selly and Hull. Date First Survey 19th May 1943. Last Survey 19 January 1944.On the (State if Machinery Steel and Single or Twin or Triple Screw) Steel single screw tug "EMPIRE VINCENT"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Hull scantling State Type of Erections None.

TONNAGE under Tonnage Deck ... 226.11

Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓

Total 226.11

Gross Tonnage 274.35

Register Tonnage Nil

REGISTERED DIMENSIONS.

FEET

Length 105.2

Breadth 26.65

Depth 12.25

CLASS *100 A.1.

"FOR TOWING SERVICES".

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 105' 0"

Breadth (greatest moulded) B 26' 6"

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13' 0"

1st Longitudinal Number (L x D) = 1365

2nd Numeral L x (B + D) = 4147.5

Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.58'

Proportions—Depth to Length—Uppermost continuous deck to top of keel 8' 1"

Do. Long Bridge to top of keel ✓

Draught Moulded 11' 9 1/4"

State if with freeboard as condition of Class No.Built at Selly.Launched 3rd September 1943 Yard No. 1274Builders Messrs Bocheane & Sons Ltd.Owners The Ministry of War Transport.

Managers ✓

(Where necessary to be entered in Log Book)

Residence ✓

Port of Registry Hull.

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>E-F</u>	5 3 36		" " top Angles		
" " IN BOILER ROOM & BUNKERS <u>F</u>	5 3 42		" " bottom Angles		
" " Extends up to	UPPER DECK		Side Girders, No. each side and thickness		
Reversed Frame Amidships, Angle	2 1/2 2 1/2 30		Margin Plate depth (excl. of flange) and thickness		
" " Extends up to	ACROSS FLOORS		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Depth of Framing Girder	5"		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>F</u>			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, <u>E</u> or <u>F</u>			" " Gussets, spacing and scantling from forward 1/4 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>E-F</u>	5 3 36		Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" - 5/4"		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?	Yes.	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED.		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Uppermost Continuous Deck, amidships	5 3 34	
SINGLE BOTTOM.			Wells, Angle, <u>E-F</u>		
Floors, Depth and thickness at mid-line in Hold	17" x 30		in way of Bridge, Angle, <u>E-F</u>	4 3 34	
Height of Brackets at side above base line at toe of frame	NONE		HALF BEAMS IN WAY OF <u>E-F</u>		
Middle Line Keelson, on Floors, Angles <u>E-F</u>	2 1/2 36 40		BOILER ROOM & BUNKERS		
" " Through Plate or Inter-costal Plate	✓		Spacing	21	
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, <u>E</u> or <u>F</u>		
" " Flat Plate Keel Angles	✓		Spacing		
Side Keelsons, No. each side	ONE		Third Deck, amidships, Angle, <u>E</u> or <u>F</u>		
" " thickness of Inter-costal Plate	✓		Spacing		
" " Angles	5 4 38		Fourth Deck, amidships, Angle, <u>E</u> or <u>F</u>		
" " IN BOILER ROOM	5 4 48		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E</u> or <u>F</u>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <u>E</u> or <u>F</u>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <u>E</u> or <u>F</u>		
			Spacing		

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	ONE ✓			
" Accommodation FORWARD in 'ween Decks, Size and Spacing	2½" DIA - 42" ✓			
" " " " " "	✓			
" in Holds " " " "	✓			
" " " " " "	✓			
Centre Line Bulkhead.				
Stiffeners and Spacing	✓			
Plating, thickness of	✓			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	60 x .35 ✓			
" " " " in way of Bridge	✓			
" Angle in Walls	3 3 .35 ✓			
Thickness of Plating abreast Deck openings } in way of Well ENGINE CASING.	30 ✓			
Thickness of Plating abreast Deck openings } in way of Bridge BOILER CASING.	.35 ✓			
Thickness of Plating within line of openings...	.30 - .25 ✓			
If Sheathed, material and thickness.....	✓			
Second Deck.				
Stringer Plate, breadth and thickness in Wells	✓			
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings } in way of Wells				
Thickness of Plating abreast Deck openings } in way of Bridge.....				
Thickness of Plating within line of openings...				
If Sheathed, material and thickness.....				
Third Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Poop Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ...				
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ...				
Forecastle Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness...				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

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

„ Deck next below ✓

As per Rule 4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	ROLLED	7" x 1 1/2"	APPLEBY FRON	6 1/2" x 1 1/2"
STEM	"	7" x 1 1/2"	SEEL CO. LD.	6 1/2" x 1 1/2"
STERN FRAME	FORGED	5 1/2" x 2 1/2"	T. S. FORSTER & SONS LD.	
Propeller Post	"	5 1/2" x 2 1/2"	"	"
Rudder	"	"	"	"
Speed of Vessel		11 KNOTS.		
RUDDER—Type		ORDINARY TYPE.		
" A x D.		82.5		
" Diam. of head		5 7/8"		
" Mainpiece at top pintle		5 1/2"		
" heel		6"		
" how constructed		FORGED & BUILT.		
" double or single plate coupling, vertical or horizontal		SINGLE	80	
		HORIZONTAL.		

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D,	Upper 'tween decks	✓				
"	"	Second	✓				
"	"	Third ON FRAME 13	26	4" x 3" x 30"	30"		
"	"	Hold " " 41	34-26	4 x 3 x 38-30	24" x 30"		
"	"	W.T. FLAT					
COLLISION	"	(in Hold) " 55	34-26	3 x 3 x 38-30	24"		PEAK TANK TOP
AFTER PEAK	"	" " 5	43-30	5 x 3 x 34 1/2 } 4 x 3 x 30 1/2 }	24"		STEEL FLAT.

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). OPEN HEARTH PROCESS.

PLATES:- APPLEBY-FRODINGHAM STEEL CO. LD. DORMAN, LONG & CO. LD. CONSETT IRON CO. LD.

SECTIONS:- SKINNINGROVE IRON CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD. DORMAN, LONG & CO. LD.

Has the Steel been tested as required by the Rules? Yes.

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.	lbs.	Cwts.	qrs.	lbs.															
56560	1st Bower	6	1	14	Stockless	8	12	2	0	✓	6 1/2	✓	6	✓	Britannia (Cast Steel head)	Richard Sykes	Bradley Heath	25-10-43	W.V. Norman										
56561	2nd "	6	0	14	"	8	7	2	0	✓	6	✓	6	✓	"	"	"	"	"										
	3rd "																												
	Collective weight	12	2	0							12 1/2	✓																	
	Stream																												

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.		
	Length.	Diam.	Stations.	Break-Ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	Length.	Ins.
67582	75 1/2	1	18	27	41-0-4.			90	1	Stud	Richard Sykes	Bradley Heath	TOWLINE	90	12"	MANILA.			
67608	75 1/2	1	18	27	40-2-8	✓		90	1	hulk	Son.	3-11-43	W.V. Norman	HAWSERS & WARPS	2090	5"		60	6
					81-2-12									90	4"		60	4 1/2	
														120	2 1/2"				

Steering Gear, Type (Power or hand) STEAM - DONKIN & CO. LD. Alternative Means of Steering TILLER WITH BLOCKS & TACKLE.

Steering Chains (Size, and Test) 7/8" DIAR - 9 1/8 TONS. Windlass STEAM - EMERSON, WALKER LD. Boats 2 LIFEBOATS.

Ceiling in Holds, thickness and material WOOD GRATINGS 1 1/2" PINE Cargo Battens, thickness, material and spacing NONE.

Cargo Hatchways.-(Upper Deck) NONE. Thickness of Hatches 3"

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

Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature P. Gray 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 Yes.

(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 letters. The scantlings 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.

Fore & after peak tanks, boiler feed tanks, fresh water tank, and oil fuel tanks have been tested to rule requirements and found in order. Flash point of oil fuel 150°F.

Oil fuel tanks are situated between the engine & boiler spaces.

Decks, casings, watertight bulkheads etc., hoist tested and found in order.

Windlass steering gear arrangements tried under working conditions and found in order.

A speedboard has been assigned, the marks cut in on the vessel's sides & verified.

The amount of Entry Fee..... £ 3 : 0 : 0 Fees applied for, (Special notations, where part of class, to be stated.)

FREEBOARD FEE £ 4 : 0 : 0 FEB 1944

Special Survey Fee..... £ 27 : 8 : 0

SUPERVISION OF SPECIFICATION £ 6 : 17 : 0 Received by me,

Travelling Expenses, if any £ 5 : 11 : 0 19

I am of opinion the Vessel should be Classed + 100 A-1.

"FOR TOWING SERVICES."

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

Certificate to be sent to Hull. Date of issue 10/3/44 Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUES. 8 FEB 1944

Character assigned + 100 A-1

For Towing Services

Fitted for oil fuel 144 FP above

Lloyd's Register

+ LMC 144 OG

150 2521

Lloyd's Register Foundation

The Surveyors are requested not to write on or below the Committee's Minutes.

2/2500

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 approved plans are being retained for reference in dealing with sister-vessels under construction.

The following reports are enclosed herewith:-

Hemframe Sld Rpt No 9671.
Rudder frame + rudder head. " " 731.
2 masts + 4 stunts Sld. " " C1682. - Yard No 1273/4.
Copy of completion + interim certificates + steering chain test certificate are enclosed herewith.

This vessel is a sister ship to Messrs Lochane & Sons Ltd yard No 1273 - "EMPER HUMPHELY" Hull Rpt No 52278

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. plates electrically welded at ship's sides.
Approved electrodes employed.

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

*100 A-1-
"FOR TOWING SERVICES".

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

1st Bower	3-3-16 inch cup pans.	A.E.G.	9041.	16.8.43.
2nd "	3-3-4 " " "	A.E.G.	9058.	19.8.43.
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. 169353. Signal Letters ☒ Extreme Breadth over Belting 28-4/4. Over-all Length 111.7 ft. ☒
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK (STL).

Parts of Bottom of Vessel coated with cement or approved composition Bottom cemented. ☒

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,	8-6"	5
Double bottom, under Engines and Boilers,			After peak tank,	9-2"	20
Double bottom, if under Engines only,			Deep tank, aft,		
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 9369

Date 18th Jan. 1943.

Dates of Surveys held while building

1943:- May 19. 21. 24. 27. 31. June 2. 9. 15. 18. 22. 24. 28. 30. July 9. 13. 16. 23. 29.
Aug. 11. 13. 18. 20. 24. 27. 30. 31. Sept 10. 15. 17. 21. 24. 28. Oct 4. 8. 11. 14. 22. 25. 28.
Nov. 5. 8. 12. 16. 17. Dec. 28. 30. 1944. Jan. 4. 11. 13. 15. 18. 19.

Total No. of Visits 52.