

Rpt 1

(TUG)

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

171 JAN 1944

State if Report has been sent on the Freeboard of the Vessel *No.*

DISCLOSED

State if Report is sent on the Machinery of the Vessel *Yes.*

SECTION

No. 957

No.

52248.

Date of completion of report *5th January 1944.*Port of *Hull.*Survey held at *Selly and Hull.*Date First Survey *19th May 1943*Last Survey *3rd January 1944.*On the *Steel single screw tug "EMPIRE HUMPHREY".*

A/MS 622.

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.*State if with freeboard  
as condition of Class *No.*

"FOR TOWING SERVICES"

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

FEET

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 con-  
tinuous deck to top of keel

8.1

Do. Long Bridge to  
top of keel

Draught Moulded

11.9 1/4

Built at *Selly.*Launched *2nd September 1943* Yard No. *1273.*Builders *Messrs. Bechuan & Sons Ltd.*Owners *The Ministry of War Transport*

Managers

(Where necessary to be entered in Reg. 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, <i>E or F</i>	5 3 36	✓	" " top Angles		
" IN BOILER ROOM & BUNKERS	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, <i>C</i> or <i>F</i>			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, <i>C</i> or <i>F</i>			" " 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, <i>E or F</i>	5 3 36	✓	Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4" - 5/4"	✓	Thickness of remainder in Holds		
State if Frame Joggled	No.	✓	Are Rule requirements complied with regard- ing 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 in Wells, Angle, <i>E or F</i>	5 3 34	✓
SINGLE BOTTOM.			HALF BEAMS IN WAY OF BOILER ROOM & BUNKERS	4 3 34	✓
Floors, Depth and thickness at mid-line in Holds	17" x 30	✓	Spacing	21	✓
Height of Brackets at side above base line at toe of frame	NONE	✓	Second Deck, amidships, Angle, <i>C</i> or <i>F</i>		
Middle Line Keelson, on Floors, Angle, <i>C or F</i>	12" x 4" x 4" x 36 lbs	✓	Spacing		
" " Through Plate or Inter- costal Plate	✓		Third Deck, amidships, Angle, <i>C</i> or <i>F</i>		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	✓		Fourth Deck, amidships, Angle, <i>C</i> or <i>F</i>		
Side Keelsons, No. each side	ONE	✓	Spacing		
" " thickness of Intercoastal Plate	✓		Poop Deck, Angle, <i>C</i> or <i>F</i>		
" " Angle	5 4 38	✓	Spacing		
" " IN BOILER ROOM	5 4 48	✓	Bridge Deck, Angle, <i>C</i> or <i>F</i>		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Forecastle Deck, Angle, <i>C</i> or <i>F</i>		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line					
" " breadth and thickness at margin plate					

(MADE IN ENGLAND.)

012187-012192-0116 1/2



## 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	✓						
" <b>ACCOMMODATION FORWARD.</b> ✓ in 'tween Decks, Size and Spacing .....		2½"	DIAR - 42"	✓					
" " " " " " " "		✓							
" in Holds " " " "		✓							
" " " " " " " "		✓							
<b>Centre Line Bulkhead.</b> Stiffeners and Spacing .....		✓							
Plating, thickness of .....		✓							
<b>STRINGERS AND DECKS.</b> <b>Uppermost Continuous Deck.</b> Stringer Plate, breadth and thickness in Wells		60"	x 35	✓					
" " " " " in way of Bridge		✓							
" Angle in Wells .....		3	3	.35	✓				
Thickness of Plating abreast Deck openings } in way of Wells <b>ENGINE CASING</b> .....		.30		✓					
Thickness of Plating abreast Deck openings } in way of Bridge <b>BOILER CASING</b> .....		.35		✓					
Thickness of Plating within line of openings...		.30	-	.25	✓				
If Sheathed, material and thickness.....		✓							
<b>Second Deck.</b> 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.....									
<b>Third Deck.</b> Stringer Plate, breadth and thickness.....									
If Plated, state thickness .....									
<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
<b>Poop Deck.</b> Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									
<b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									
<b>Forecastle Deck.</b> 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 1/4"	APPLEBY-FRODINGHAM	6 1/2" x 1 1/4"
STEM	"	7" x 1 1/4"	"	6 1/2" x 1 1/4"
STERN FRAME	FORGED	5 1/2" x 2 1/2"	T-S. FORSTER & SONS LD.	
Propeller Post	"	5 1/4" x 2 1/2"	"	"
Rudder	"	5 1/4" x 2 1/2"	"	"
Speed of Vessel		11 KNOTS.		
RUDDER—Type		ORDINARY TYPE.		
" A x D		82.5		
" Diam. of head		5 3/8"		
" Mainpiece at top pintle		5 1/2"		
" " heel		4"		
" how constructed		FORGED & BUILT.		
" double or single plate		SINGLE		
" coupling, vertical or		80		
" 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 PROCESS

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

SECTIONS:- DORMAN, LONG & CO. LD. CARGO FLEET IRON 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.							
56558	1st Bower	6	1	24	Stockless			8	15	0	0	✓	6 1/2	Butamie					
56559	2nd "	6	0	10	"			8	7	2	0	✓	6	(Cast steel head.) R. Dykes & Son.	6 Heath	25.10.43	W. H. H.		
	3rd "													"	"	"	"		
	Collective weight	12	2	6									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.		Descrip- tion.	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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Fathoms.		Ins.	Fathoms.	Ins.
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.									
67566	75	1	18	27	40	1	20				Stud Richard	Bradley Heath.	TOWLINE	90	12	MANILA.			
67567	75	1	18	27	40	1	13		90	1	hook	Lynes & Son.	25.10.43.	HAWSERS & WARPS }	2090	5	"	60	6
					80	3	5								90	4	"		
Iron Stream Chain or Steel Wire	✓	✓							✓	✓					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 & CO. 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) 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

FOR COCHRANE & SONS, LTD.  
Builder's Signature *V. 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 tank, fresh water tanks 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 tried under working conditions and found in order.

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

The amount of Entry Fee..... £ 3 : 0 : 0  
FREEBOARD FEE..... £ 4 - 0 - 0  
Special Survey Fee..... £ 27 : 8 : 0  
SUPERVISION OF SPECIFICATION £ 6 - 17 0  
Travelling Expenses, if any ..... £ 7 : 6 : 5

Fees applied for, 10 JAN 1944  
Received by me, 19

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

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 *M. Macleod*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull* Date of issue *15/2/44*

Committee's Minute *TUES. 18 JAN 1944*

Character assigned *+100 A-1*  
*For Towing Services*

*Fitted for oil fuel 1.44 F.P. above*

*Lloyd's A&CP*

*+LMC 1.44 OG*

Lloyd's Register Foundation

0116 212



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:-

Stemframe- Sld Rpt. No 9664.  
Rudder frame rudder head:- " " " 730.

Copy of completion & interim certificates & steering chain test certificate are enclosed herewith.

This vessel is a sister ship to Messrs Lochearn Bros Ltd yard No 1268 - "EMPIRE SYBIL" - Hull Rpt No 52120

#### PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. flats 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	3-3-18	incl. exp + pins.	A.E.G.	9042.	16.8.43.
2nd "	3-3-10	" " "	A.E.G.	9059.	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. 169344 Signal Letters ☒ Extreme Breadth over Belting 28'4". Over-all Length 111'7".  
(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,	8'4"	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 3369

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. Aug. 11. 13. 18. 20.  
Aug. 24. 27. 30. 31. Sept. 10. 15. 17. 21. 24. 28. Oct. 4. 8. 11. 14. 22. 25. Nov. 3. 8. 15. 16. 30.  
Dec. 4. 6. 14. 15. 17. 20. 24. 28. 29. 1945:- Jan. 3.

Total No. of Visits 52.