

Rpt. 1

RECEIVED

10 SEP 1943

IN D.O.

STEEL STEAMER OR MOTORSHIP.

(TUG)

Received at London Office

9 SEP 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 28th AugustPort of HullNo. 52120Survey held at Selly and HullDate First Survey 15th January 1943Last Survey 28th August

1943

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel single screw tug "EMPIRE SYBIL"

Machinery fitted aft.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Hull scantlingState Type of Erections NoneTONNAGE under Tonnage Deck ... 226.11Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total 226.11Gross Tonnage 276.30Register Tonnage Nil

REGISTERED DIMENSIONS.

FEET

Length 105.2Breadth 26.65Depth 12.25CLASS 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) 105'0"Breadth (greatest moulded) 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) 13'0"1st Longitudinal Number (L x D) 13652nd Numeral L x (B + D) 4147.5Framing 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"Built at SellyLaunched 7th May 1943 Yard No. 1268Builders Bochraue & Sons LtdOwners 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, <u>E or 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 or F</u>			" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
" " Second 'tween Decks, Angle, <u>E or 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	5 3 36	✓	INNER BOTTOM PLATING.		
" " in Peaks, Angle <u>E or F</u>	3 1/4 - 5 1/4	✓	Breadth and thickness of Middle Line Strake.....		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5 1/4	✓	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 <u>Wells, Angle, <u>E or F</u></u>	5 3 34	✓
SINGLE BOTTOM.			" " in way of Bridge, Angle, <u>E or F</u>	4 3 34	✓
Floors, Depth and thickness at mid-line in Hold.....	17 x 30	✓	HALF-BEAMS IN BOILER & BUNKERS <u>E or F</u>		
Height of Brackets at side above base line at toe of frame.....	NONE	✓	Spacing	21	✓
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	12 x 14 x 30 No.	✓	Second Deck, amidships, Angle, <u>E or F</u>		
" " Through Plate or Inter-costal Plate	✓		Spacing		
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, <u>E or F</u>		
" " Flat Plate Keel Angles	✓		Spacing		
Side Keelsons, No. each side.....	ONE	✓	Fourth Deck, amidships, Angle, <u>E or F</u>		
" " thickness of Inter-costal Plate.....	✓		Spacing		
" " Angle.....	5 4 38	✓	Poop Deck, Angle, <u>E or F</u>		
" " IN BOILER ROOM	5 4 48	✓	Spacing		
DOUBLE BOTTOM.			Bridge Deck, Angle, <u>E or F</u>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, <u>E or F</u>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate.....					

(MADE IN ENGLAND.)

011161-011170-0103 1/2

(OUT)

11-25

SHELL PLATING.

EDGES.		
State if joggled? <i>yes</i>		
SINGLE OR DOUBLE.	RIVETS.	
	Diam.	Spacing cr. to cr.
Inches.	Inches.	
DOUBLE ✓	3/4	6 R. R.
✓		
SINGLE ✓	3/4	6 R.
"	"	"
"	"	"
✓		
DOUBLE ✓	3/16	6 R. R.
✓		
DOUBLE & SINGLE ✓	3/4	6 R.

WATERTIGHT BULKHEADS.

of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) 4 ✓
 „ Deck next below 15 ✓
 As per Rule 4

FORGINGS AND CASTINGS.

KEEL, Bar	05	ROLLED	7" x 1 1/2"	
STEM		"	7" x 1 1/2"	
STERN FRAME	{ Propeller Post	FORGED	5 1/2" x 2 1/2"	T. S. FORSTER & SONS
	{ 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		59 7/8"	
"	Mainpiece at top pintle		5 1/2"	
"	" heel		4"	
"	how constructed		FORGED & BUILT	
"	double or single plate		SINGLE	
"	coupling, vertical or		HORIZONTAL	

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

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
PLATES - DORMAN, LONG & CO. LD., CONSETT IRON CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD.
SECTIONS: - SKINNINGROVE IRON CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD. CONSETT IRON CO. LD. DORMAN
LONG & CO. LD.
 Has the Steel been tested as required by the Rules? Yes. ✓

Req. 1.

No.

2

for the

of

am. 22. b

15

in ad

with t

which

it is to be held

thereof,

No. 12

Jul. 10

11

10

10

1

三

10

18

total no.

1875

er

the

L

EQUIPMENT No. ✓				LETTER ✓				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
56138	1st Bower	6	3	18	Stockless			9	2	2	0
56132	2nd	6	0	22	"			8	10	0	0
	3rd										
	Collective weight	13	0	12							
	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.	Maker of Cable.	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.	Break-ing.	Supplied.	Per Rule.		Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
67064	75	1	18	27	40-1-25					Stud	Richard	Bradley Heath 18-6-43 W.V. Holman	LOWLINE	90	12	MANILA			
67063	75	1	18	27	40-2-6			90	1	hulk	Bykes & Son	"	"	20	90	5		60	6
					81-0-3									90	4	"		60	4 1/2
Iron Stream Chain or Steel Wire	✓	✓												120	2 1/2				

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

Steering Chains (Size and Test) 7/8" DIAR. 9 1/8 TONS Windlass STEAM-CLARKE-CHAPMAN & CO. 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) ✓ Thickness of Hatches 3" (COAL HATCHES)

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 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 vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, the specification, and in general conformity with the rules for the class contemplated.

The materials and workmanship are good.

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

At a later stage of construction the shipbuilders received instructions from the A.M.S. Branch to convert from oil to coal burning, and the necessary alterations were made fitting of coal hatches, coaling scuttles, sliding doors &c.

Decks, casings, watertight bulkheads &c. have been hoisted 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 : 12 : 0

SUPERVISION OF SPECIFICATION..... £ 6 : 18 : 0

Travelling Expenses, if any..... £ 4 : 1 : 9

Fees applied for, 2 SEP 1943

Received by me, H. 9. 1943

(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 J. Macleod

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull. Date of issue 24/9/43.

Committee's Minute.....

Character assigned.....

+ 100A1 In Towing Services

Lloyd's A.R.P.; + L.M.C 8.43 09.

FRI. 17 SEP 1943

© 2021 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.)

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

The following reports are enclosed herewith:-

Stem frame. H.R. Rpt. No. 9499.

Rudder frame + head " " " 9613.

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

This vessel is a sister ship to Lochmone House Ltd. Yard No. 1267. EMPIRE SARA. Hull Rpt. No. 52111.

PARTICULARS OF ELECTRIC WELDING (if employed)

Watertight flats electrically welded at ship's sides.
Approved electrodes used.

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

"FOR TOWING SERVICES."

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

1st Bower

4-1-12 inch cup + pins.

J.O.

6163

8-5-41

2nd "

3-3-10 "

A.E.G.

8423

12-4-43

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. 169313.

Signal Letters

Extreme Breadth over Belting

28-4 ft.

Over-all Length

111-7 ft.

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,	8-11"	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. 3357

Date 20th October 1942

Dates of Surveys held while building

1943:- Jan'y 15-26-29. Feb'y 3-9-18-23-26. March 2-5-12-16-19-22-26-30. April 2-7-9-14
April 23-29. May 1-3-5-6-14-19-21-24-27-31. June 2-9-18-22-24-28-30.
July 9-13-19-20-21-26-27-30. August 5-9-12-14-17-19-20-21-25-28

Total No. of Visits 57.