

## STEEL STEAMER or MOTORSHIP. (TUG)

Received at London Office 17 AUG 1946

State if Report has been sent on the Freeboard of the Vessel *No*State if Report is sent on the Machinery of the Vessel *Yes*Date of completion of report *27th July 1946*Port of *HULL*No. *53433*Survey held at *Selby and Hull*Date First Survey *26th October 1945*Last Survey *23rd July*

1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*Steel single screw motor tug "FOSSA"*

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

*Full scantling*State Type of Erections *None*TONNAGE under Tonnage Deck... *59.80*CLASS *\* 100 A -*State if with freeboard as condition of Class *✓*Built at *Selby*Do. of space or space between Tonnage Deck and Upper Deck *✓*"FOR TOWING SERVICES ON THE RIVER THAMES" Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a) *L 70'-0"*

FEET.

Launched *5th March 1946* Yard No. *1316*Total *59.80*Breadth (greatest moulded) *B 17'-0"*Builders *Bochane & Sons Ltd.*Gross Tonnage *66.42*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 8'-6"*Owners *Messrs Gaselee & Son, Ltd.*Register Tonnage *Nil*1st Longitudinal Number (L x D) *= 595*

Managers

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) *= 1785*

Residence

## REGISTERED DIMENSIONS.

FEET.

Length *70.5*Breadth *17.15*Depth *7.25*Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓*Proportions—Depth to Length—Uppermost continuous deck to top of keel *8.23' ✓*Do. Long Bridge to top of keel *✓*Draught Moulded *✓*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

*While building and 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	15 ✓		Bracket Floors, Frame		
" from $\frac{3}{4}$ length amidships to Collision bulkhead	15 ✓		" " Reversed Frame		
" in peaks	15 ✓		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{E}{F}$ or $\frac{F}{E}$	4 2½ 38 ✓		" " top Angles		
" " Extends up to UPPER DECK			" " bottom Angles		
Reversed Frame Amidships, Angle	2½ 2½ 28 ✓		Side Girders, No. each side and thickness		
" " IN MOTOR ROOM	3½ 3½ 40 ✓		Margin Plate depth (excl. of flange) and thickness		
" " Extends up to ACROSS FLOORS			" " Vertical Angle to Tank side		
Thickness of Framing Girder	4 ✓		Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{E}{F}$ or $\frac{F}{E}$			" " Vertical Angle to Tank side		
" Second 'tween Decks, Angle, $\frac{E}{F}$ or $\frac{F}{E}$			Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" Third " " " "			Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
in Peaks, Angle $\frac{E}{F}$ or $\frac{F}{E}$	4 2½ 38 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
Number and Spacing of Rivets through Frame and Shell Plating amidships	3¼ - 5¼ ✓		INNER BOTTOM PLATING.		
Are 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?	AS APPROVED ✓		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?		
DOUBLE BOTTOM.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds	12 x 32 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{E}{F}$ or $\frac{F}{E}$	4 2½ 32 ✓	
Height of Brackets at side above base line at toe of frame	None ✓		" " in way of Bridge, Angle, $\frac{E}{F}$ or $\frac{F}{E}$	✓	
Double Line Keelson, on Floors, Angles, (OF MOTOR SPACE)	5½ 3 35 ✓		Spacing	15 ✓	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
Double Keelsons, No. each side	ONE ✓		Spacing		
WARD OF MOTOR SPACE)			Fourth Deck, amidships, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
" thickness of Intercostal Plate	✓		Spacing		
" Angle <i>Bulk angle. See letter 26.9.46</i>	5½ 3 35 ✓		Poop Deck, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Bridge Deck, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, $\frac{E}{F}$ or $\frac{F}{E}$		
" " breadth and thickness at margin plate			Spacing		



REP. 1.

	EQUIPMENT No.	LETTER	ANCHORS.					
No. of anchors. Number of Certificates. ed.	Anchor.	WEIGHT, EX STOCK. Cwts. qrs. lbs.	WEIGHT OF STOCK. Cwts. qrs. lbs.	TEST, PER CERTIFICATE. Tons. cwts. qrs. lbs.	WEIGHT REQUIRED BY TABLE 53. Cwts.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
866	1st Bower ...	2 1 24	0 2 14	5 0 0 0	2 1/2	TROTMAN'S PATERN ELECTRICALLY WELDED ANCHOR	NOT STATED	CRADLEY HEATH 15-3-46 W.V. NORMAN
	2nd " ...	✓						
	3rd " ...	✓						
	Collective weight,							
	Stream .....							

Steering Gear, Type (Power or hand) *HAND.* *C.D. HOMES & CO. LD.* Alternative Means of Steering *SPARE TILLER WITH BLOCKS & TACKLE.*  
 Steering Chains (Size and Test) *9 1/2" DIA. 58 TONS. L.P.H. CH. 54273.* Windlass *HAND.* Fellows Bros. Boats  
 Ceiling in Holds, thickness and material *Uncl.* Cargo Battens, thickness, material and spacing *Uncl.*  
 Cargo Hatchways. — (Upper Deck) *Uncl.* Thickness of 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.

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## SCANTLINGS.

## RIVETING.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Depart from Approved Plans to be Stated.
KEEL, Bar	FLAT BAR ✓	6" x 1/4"	ARMLEIGH-FROTHINGHAM	
STEM	BULB "	7 1/2 x 1 1/8	STEEL CO. LD.	
STERN FRAME	{ Propeller Post { Rudder "	FORGING 5/2 x 2 " 5 1/2 x 2	T. S. FORSTER & SON LTD.	
Speed of Vessel		10 KNOTS. ✓		
RUDDER—Type		SINGLE PLATE RUDDER		
" A x D		✓		
" Diam. of head		4 1/8" ✓		
" Main piece at top pintle		4 1/8" ✓		
" " heel		3 1/2" ✓		
" how constructed		FORGED & BUILT. ✓		
" double or single plate coupling, vertical or horizontal		SINGLE PLATE '60 ✓		
		NONE ✓		

The amount of Entry Fee ..... £ 2 : 0 : 0  
 Special Survey Fee.... £ 20 : 00 : 0  
 Travelling Expenses, if any £ 3 : 13 : 1

Fees applied for, 14 AUG 1946  
 Received by me, 19

I am of opinion the Vessel should be Classed \* 100 A -  
 FOR TOWING SERVICE ON THE RIVER THAMES.

Date whether the Vessel has been built under Special Survey 403.

Certificate to be sent to Hull. Date of issue 6/9/46

Signature J. Macleod  
 Surveyor to Lloyd's Register of Shipping.

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Lloyd's Register  
Foundation



The following approved plans are enclosed herewith:—

- Midship Section
- Profile & Deck plans.
- Stemframe & Rudder.
- Steering gear leads.
- Pumpkin plan.

The following reports are enclosed herewith.

Stem frame. Sld Rpt No 6191.  
Skeleton Stem Udb. " - 2723.

Also steering chain test certificate enclosed.

Sister vessel "WASP" etc

PARTICULARS OF ELECTRIC WELDING (if employed)

✓

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

\* 100 A-

FOR TOWING SERVICES ON THE RIVER THAMES.

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. 180906

Signal Letters ✓

Extreme Breadth over <sup>moulding</sup> ~~belting~~ 17.41 ft ✓

Over-all Length (Circ. 1703) 75.5 ft. ✓

No. and Material of Decks 1 DK(STL)

Parts of Bottom of Vessel coated with cement or approved composition Bottom coated with bituminous solution and enamel. ✓

Particulars of composition (if fitted) and of approval Owners 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.)

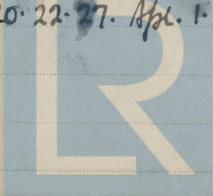
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			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. 9479.

Date 15th March 1945

Dates of Surveys held while building

1945:— Oct. 26-31. Nov. 8-16-21-23-30. Dec. 7-14-21. 1946:— Jan. 1-9-16-18-23-25-30.  
Feb. 6-13-15-18-22-27. Mar. 5-7-8-12-20-22-27. Apr. 1-9-12-17. May. 1-7-10-15-16-23-27.  
July. 1-5-11-15-16-18-23



Lloyd's Register  
Foundation  
Total No. of Visits 48