

STEEL STEAMER or MOTORSHIP (TUG)

Received at London Office 17 AUG 1946

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.*

DISCLOSED

SECTION

No. 1042 No. 53635

Date of completion of report 22nd July 1946

Port of Hull.

Survey held at Selby and Hull.

Date First Survey 22nd February 1945

Last Survey 16th July

1946.

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

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

State Type of Erections None

TONNAGE under 226.68
Tonnage Deck

CLASS *100 A-1.

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

"FOR TOWING SERVICES".

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

Total 226.68

Gross Tonnage 274.92

Register Tonnage *Nil*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) = 4447.5 ✓

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 3/4" ✓*

Built at Selby.

Launched 11th July 1945 Yard No. 1308.

Builders Cochrane & Sons Ltd

Owners OVERSEAS TOWAGE & SALVAGE CO. LTD.

Managers

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

Residence *London.*Port of Registry *London.*

If surveyed while building, afloat, or in dry dock whilst 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	21	✓	Bracket Floors, Frame		
" " from 3/8 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 & GUNNER <i>F</i> ✓	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		
Depth of Framing Girder	5"	✓	" " Bracket abaft 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Second 'tween Decks, Angle, [or]			" " Bracket from forward 1/2 len. from stem to Panting Area		
" " Third " " " " " " " "			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " from 1/2 len. for'd. to 15% len. from Stem.....			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....		
" " in Peaks, Angle <i>E or F</i>	5 3 36	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" - 5/4"	✓	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?			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?	<i>Yes.</i>	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Hold	17" x 30	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	5 3 34	✓
Height of Brackets at side above base line at toe of frame	NONE	✓	HALF-BEAMS, in way of Bridge, Angle, <i>E or F</i>	4 3 34	✓
Middle Line Keelson, on Floors, Angle, <i>E or F</i>	12 x 4 x 36 LBS.	✓	BOILER ROOM & GUNNER <i>E or F</i>		
" " " Through Plate or Intercoastal Plate...	✓		Spacing	21	✓
" " " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, [or]		
" " " Flat Plate Keel Angles	✓		Spacing		
Side Keelsons, No. each side	ONE	✓	Third Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate...	✓		Spacing		
" " Angle	5 4 38	✓	Fourth Deck, amidships, Angle, [or]		
" " " IN BOILER ROOM	5 4 48	✓	Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, [or]		
			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		✓	Stringer Plate, breadth and thickness in way of Bridge			
(ACCOMMODATION FORWARD)				Thickness of Plating abreast Deck openings in way of Wells			
" in 'tween Decks, Size and Spacing.....	2½" DIAM. - 42"		✓	Thickness of Plating abreast Deck openings in way of Bridge			
" " " " " "				Thickness of Plating within line of openings...			
" in Holds " " "				If Sheathed, material and thickness			
" " " " " "				Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....			
Stiffeners and Spacing.....				If Plated, state thickness.....			
Plating, thickness of				Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	60 x .35		✓	Poop Deck.			
" " " " in way of Bridge	✓			Stringer Plate, breadth and thickness			
" Angle in Wells	3	3 .35	✓	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Wells BOILER CASING35		✓	Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge ENGINE CASING30		✓	Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings...	30	.25	✓	Plating, Sheathing, material and thickness ...			
If Sheathed, material and thickness	✓			Forecastle Deck.			
Second Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells...	✓			Plating, Sheathing, material and thickness ...			

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
GARBOARD.											
Flat Plates Keel	37	.34	.34	.34		DOUBLE	¾ 6 R.R.	DOUBLE	¾	2 ½	STRAPPED
" DBLG. (if any)	✓	✓				✓		✓			
BOTTOM PLATING, No. of Strakes .2.....	57	.32	.30	.30		SINGLE	¾ 6 R.	DOUBLE	¾	2 ½	LAPPED
BILGE PLATING, No. of Strakes	56½	.34	.30	.30		"	"	"	"	"	"
SIDE PLATING, No. of Strakes	✓	✓				✓		✓			
UPPER DECK, Sheer-strake in Wells.....	42	.40	.35	.35		DOUBLE	¾ 6 R.R.	DOUBLE	¾	2 ½	STRAPPED
UPPER DECK, Sheer-strake in Bridge ...	✓	✓									
STRAKE BELOW Sheer-strake in Wells.....	55½	.35	.30	.30		DOUBLE & SINGLE	¾ 6 R.R. ETC.	DOUBLE	¾	2 ½	LAPPED
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING											

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)	3	✓			
„ Deck next below	✓				
As per Rule	3				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second ON FRAME NO 13. ✓					
„ „ (W.T. FLAT TO UPPER DECK) ✓	.26 ✓	4 1/2 x 30 ✓	30 ✓		
„ „ Third „ ✓					
„ „ Holds ✓	41. 3/4 - 26 ✓	4 x 3 = 38 - 30 ✓	26 2 30 ✓	W.T. FLAT. ✓	
COLLISION „ (in Hold) ✓	55 3/4 - 26 ✓	3 x 3 = 38 - 30 ✓	26 ✓	PEAK TANK TOP ✓	
AFTER PEAK „ „ ✓	51 1/2 - 30 ✓	5 x 3 = 34 ✓	26 ✓	STEEL FLAT. ✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	ROLLED	7" x 1¼"	APPLEBY-FROD. S. Co. LD.	
STEM	"	7" x 1¼"	"	
STERN FRAME { Propeller Post	FORGED	5½ x 2½"	T. S. FORSTER	
{ Rudder "		5½ x 2½"	& SONS LD.	
Speed of Vessel		11 KNOTS	✓	
RUDDER—Type		ORDINARY SINGLE PLATE TYPE	✓	
" A x D		82-5	✓	
" Diam. of head		5½"	T. S. FORSTER	
" Mainpiece at top pintle		5½"	& SONS LTD.	
" " heel ...		4"	✓	
" how constructed		FORGED & BUILT.	✓	
" double or single plate		SINGLE PLATE	✓	
" coupling, vertical or horizontal		HORIZONTAL	✓	

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

OPEN HEARTH PROCESS. ✓

SKINNINGROVE IRON CO. LD.

Lloyd's Register Foundation

EQUIPMENT No. ✓				LETTER ✓				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
60796	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
60797	2nd " ...	6	3	0	STOCKLESS.			9	0	0	0
	3rd " ...	6	0	0	"			8	5	0	0
	Collective weight.	12	3	0							
	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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
													TOWLINE...	120	16	MANILA			
70266	150	1	18	27	82-0-24			46.	90	1	STUD LINK	RICHARD SYKES & SON	CRADLEY HEATH. 24. 9. 45 W. V. NORMAN.	HAWSERS & WARPS	150	4 1/2		60	6
															30	2		60	4 1/2
		Cir.								Cir.				"	15	2 3/4			
Iron Stream Chain or Steel Wire	✓	✓												"	8 TO OWNERS REQUIREMENTS.				

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. 53567 & 53583. LPHCH. Windlass STEAM. - EMERSON, WALKER LTD. Boats TWO 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 ✓

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 & Regulations & the Secretary's Letters.
The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans.

The materials and workmanship are good. ✓
One & after peak tanks, bilge feed tanks, and oil fuel tanks have been tested to rule requirements and found in order. ✓ Flash point of oil fuel above 150° F. ✓
Oil fuel tanks are situated between the engine & bilge spaces. ✓

Decks, casings, watertight bulkheads, hatchways & hatches tested and found in order. ✓
Windlass & steering arrangements tried under working conditions and found satisfactory. ✓
The supervision of the specification has been carried out. ✓
A freeboard has been assigned, the marks cut in on the vessel's sides and verified. ✓

The amount of Entry Fee	£ 3 : 0 : 0	Fees applied for,	
FREEBOARD	£ 4 : 0 : 0	19.	
Special Survey Fee....	£ 27 : 10 : 0	Received by me,	
SUPERVISION OF SPECIFICATION.	£ 6 : 17 : 6	19.	
Travelling Expenses, if any	£ 4 : 18 : 10		

(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
Certificate to be sent to Hull. Date of issue 6/9/46
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned +100 A1 for Towing Services
d Lloyd's A & C.P.
+ L.M.C. 7. 46 Fitted for oil fuel 7. 46 F.P. above 150° F
O.C.

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 following approved plans are enclosed herewith:—

- ✓ Midship section
- ✓ Profile & Deck
- ✓ Stern frame & Rudder
- ✓ Oil fuel bunkers
- ✓ Bulkheads
- ✓ Pumping & piping Mgt.

The following reports are enclosed herewith:—

Stern frame. Sld. Rpt. No. 4798
Rudder frame & rudder head. " " " 4981.

Copy of steering chain test certificate is enclosed.

This vessel is a sister ship to "NEREIDIA" - Hull Rpt. No. 5363H

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. 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

* 100 A1.

FOR TOWING SERVICES. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	4-1-1 incl. cup & pins.	A.E.G.	5523.	4-6-45
	2nd "	3-2-19 " " "	P.J.M.	5778.	14-6-45
	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. 180904. Signal Letters ✓ Extreme Breadth over Belting 28'4" ft. ✓ 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,	8'4"	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. 2469.

Date 14th January 1946

Dates of Surveys held while building

1945:— Feb. 22-26. Mar. 1-5-8-13-16-20-28-30. Apr. 6-9-12-17-19-23-26. May. 1-7-11-18-25-31.
June 20-22-27-30. July. 3-4-9-11-18-26. Aug. 9-24-31. Sept. 5-18-20-26. Oct. 2-10.
Nov. 7. 1946:— Feb. 5. Mar. 27. Apr. 18. May. 24. June 14-20. July 1-5-6-16.

Total No. of Visits 53