

Rpt. 1.

DISCLOSED

SECTION

No. 775 B

## STEEL STEAMER or MOTORSHIP

TUG.

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

DISCLOSED

SECTION

No. 775 B

-3 DEC 1941

Date of completion of report 12<sup>TH</sup> NOVEMBER 1941.

Port of HULL

No. 51411

Survey held at THORNE.

Date First Survey 23. 9. 1940

Last Survey 10<sup>TH</sup> NOVEMBER 1941

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

STEEL SINGLE SCREW TUG. "EMPIRE CEDAR"

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

FULL SCANTLING.

State Type of Erections FLUSH DECK.

TONNAGE under Tonnage Deck...

123.17

CLASS 100 A.I. FOR TOWING SERVICES

State if with freeboard as condition of Class No

Built at THORNE

Doc. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern } L 92.0

post on summer L.W.L. See Sec. 3 (1a)

Launched 26<sup>TH</sup> SEPTEMBER 1941 Yard No. 360

Total

123.17

Breadth (greatest moulded) B 20.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.5

Builders RICHARD DUNSTON LTD

Owners MINISTRY OF SHIPPING.

s Tonnage

129.13

1st Longitudinal Number (L x D) = 966

Managers

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

ster Tonnage

Nil

2nd Numeral L x (B + D) = 2852

Residence LONDON.

REGISTERED DIMENSIONS.

FEET.

th 92.5

dth 20.55

h 8.45

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel

8.76

Do. Long Bridge to top of keel

Draught Moulded

Port of Registry GOOLE.

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.
IES, Spacing amidships	21	✓	Bracket Floors, Frame	✓	
„ from $\frac{3}{4}$ length amidships to Collision bulkhead	21	✓	„ „ Reversed Frame	✓	
„ in peaks	21	✓	„ „ Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	30 x 40	✓
me Amidships, Angle, $\frac{1}{4}$ in B ROOM - BUNKERS	4 2½ 32	✓	„ „ top Angles	2½ 2½ 38	SINGLE ✓
„ Extends up to DECK.	✓		„ „ bottom Angles	3 3 42	„ ✓
ersed Frame Amidships, Angle	2½ 2½ 36	✓	Side Girders, No. each side and thickness	✓	
„ „ Extends up to ACROSS FLOORS.	✓		Margin Plate depth (excl. of flange) and thickness	✓	
th of Framing Girder	4	✓	„ „ Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	✓	
mes in Uppermost Continuous 'tween Decks, Angle, [ or [			„ „ Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
„ Second 'tween Decks, Angle, [ or [			„ „ Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓	
„ Third „ „ „			„ „ Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
in Peaks, Angle	4 2½ 32	✓	INNER BOTTOM PLATING, TRUNK TOP		
meter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 4½	✓	Breadth and thickness of Middle Line Strake	48 x 36	✓
if Frame Joggled	No	✓	Thickness of remainder in Holds	44	✓
the scantlings and arrangements in the Panting Area in accordance with the Rules 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?	✓	
the scantlings and arrangements in way the Bottom Forward in accordance with Rules and/or as approved?			BEAMS.		
E BOTTOM.			Uppermost Continuous Deck, amidships	4 3 32	✓
rs, Depth and thickness at mid-line in Holds	14 x 36	IN BOILER ROOM ✓	„ „ in way of Bridge, Angle, $\frac{1}{4}$ in B ROOM.	4 3 30	½ BERN. ✓
Height of Brackets at side above base line at toe of frame	✓		Spacing	21	✓
lle Line Keelson, on Floors, Angles, $\frac{1}{4}$ in B ROOM.	3½ 3 38	DOUBLE ✓	Second Deck, amidships, Angle, [ or [		
„ „ Through Plate $\frac{1}{4}$ in B ROOM.	42	✓	Spacing		
„ „ Foundation Plate on Floors	12 x 42	EACH SIDE OF C ✓	Third Deck, amidships, Angle, [ or [		
„ „ Flat Plate Keel Angles	3½ 3½ 40	DOUBLE ✓	Spacing		
Side Keelsons, No. each side	ONE	✓	Fourth Deck, amidships, Angle, [ or [		
„ „ thickness of Intercoastal Plate	✓		Spacing		
„ „ Angles	5 4 48	IN BOILER ROOM ✓	Poop Deck, Angle, [ or [		
DOUBLE BOTTOM. 23 1/2 to Reserve Feed Tank	5 4 38	FWD OF B ROOM. ✓	Spacing		
Solid Floors, thickness and spacing	30 x 36	21 SPACING. ✓	Bridge Deck, Angle, [ or [		
„ „ Are Frame and Reversed Frame joggled?	No	✓	Spacing		
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [ or [		
„ „ breadth and thickness at margin plate	✓		Spacing		



PILLARS AND DECKS.			
PILLARS, No. of Rows.....		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
ONE			
in 'tween Decks, Size and Spacing.....		2 1/2 IN. PILLARS IN CONJUNCTION WITH FORE AND AFT GIRDERS FITTED IN FORWARD CHAIN SPACE.	
in Holds			
Centre Line Bulkhead.			
Stiffeners and Spacing.....			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells		25 to 58 x 30	
in way of Bridge			
Angle in Wells		3 3 30	
Thickness of Plating abreast Deck openings in way of Wells		30 x 26	
Thickness of Plating abreast Deck openings in way of Bridge			
Thickness of Plating within line of openings		32 x 30 x 26	
If Sheathed, material and thickness		KELOTEK FITTED UNDER STEEL DECK	
Second Deck.			
Stringer Plate, breadth and thickness in Wells			

SHELL PLATING.												
SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	Breadth.	Thickness.	Forward.	Aft.		State if Joggled?	RIVETS.		No. of Rows of Rivets.	BUTTS.		
							Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	
FLAT PLATE KEEL OUT	36	40	38	38		2 ROWS	3/4	5/8	3 ROWS	3/4	2 5/8	STRAPS
IN AND OUT	47	30	30	26	30 ON STEANPOST	1	5/8	7/8	2	5/8	2 1/4	LARS
BOTTOM PLATING, No. of Strakes	47	30	26	28	30	1			2			
BIDGE PLATING, No. of Strakes	44	30	26	26		1			2			STRAPS
SIDE PLATING, No. of Strakes	47	30	30	30		1			2			LARS
UPPER DECK, Sheer-strake in Wells	43	30	30	30		1			2			STRAPS
UPPER DECK, Sheer-strake in Bridge												
STRAKE BELOW Sheer-strake in Wells												
STRAKE BELOW Sheer-strake in Bridge												
POOP SIDE PLATING												
BRIDGE SIDE PLATING												
FORECASTLE SIDE PLATING												

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—					Casting or Forging.				
5 BHS in EMPIRE MAPLE.					KEEL, Bar				
4 BHS in EMPIRE WILLOW					STEM				
Extending to Upper Deck (Sec. 3 c)					STERN FRAME				
Deck next below					RUDDER				
As per Rule					SPEED OF VESSEL				
					KEEL, Bar				
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					SPEED OF VESSEL				



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.)

THIS VESSEL IS A SISTER SHIP TO THE 'EMPIRE MAPLE' HULL F.E. REPORT N° 51326.

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.I. "FOR TOWING SERVICES"

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. Signal Letters

Extreme Breadth over Belting 20'9"

Over-all Length 97'6"

No. and Material of Decks 10" STEEL

Parts of Bottom of Vessel coated with cement or approved composition ALL BOTTOM COATED WITH CEMENT ALICE TO ALICE.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, <del>at</del> AMIDSHIPS RESERVE FEED TANK.	12.25	11½ ✓	Fore peak tank, <del>dry</del>	7.5	11
Double bottom, under Engines and Boilers,	✓	✓	After peak tank, <del>dry</del>	14.16	13½
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, F.W. TANK FRAMES 38th NO.	3.5	6 ✓
Total length (if continuous) and Capacity	✓	✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 3226

Date 2nd AUGUST 1940.

Dates of Surveys held while building

1940 Sep 23 Oct 1. 10 Nov 6 25 Dec 4 11. 23 1941 Jan 3. 16 22. 30 Feb 7. 21 Mar 3. 6. 13 20 26 Apr 1. 7. 16 23. 28  
May 5. 7. 13 20 26 29 Jun 5. 11. 20 Jul 8. 18 24 30 Aug 16. 19 25 Sep 1. 8. 15 22 26 Oct 1. 16. 23. 31  
Nov 4. 6. 10.

Lloyd's Register  
Total No. of Visits 52