

RECEIVED

Rpt. I

7 MAR 1945

IN D.O.

STEEL STEAMER OR MOTORSHIP

Received at London Office - 5 MAR 1945

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

Date of completion of report 19-2-45 Port of IPSWICH No. 112569

Survey held at LOWESTOFT Date First Survey 2ND MAY 1944 Last Survey 14-2-1945

On the (State if Machinery fitted with or without Tonnage Openings) SINGLE SCREW STEAM COASTAL LIGHTER "VIC 79" (MACHY. FITTED AFT.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POP. R.D. & FORECASTLE

TONNAGE under Tonnage Deck ... 94.99

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

Total

Gross Tonnage 132.39

Net Tonnage 50.14

REGISTERED DIMENSIONS.

FEET

Length 80.4
Breadth 20.1
Depth 8.2

CLASS 100 A.1 (COASTA SERVICE) State if with freeboard as condition of Class No FEET

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 80

Breadth (greatest moulded) B 20

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 9.5

1st Longitudinal Number (L x D) = 760

2nd Numeral L x (B + D) = 2360

Framing Depth "d," at middle of length. See Sec. 3 (1d) 8.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel 8-4

Do. Long Bridge to top of keel

Draught Moulded 8-8

Built at LOWESTOFT

Launched 16-11-44 Yard No. 342

Builders RICHARDS IRONWORKS LD.

Owners MINISTRY OF WAR TRANSPORT

Managers SMALL & CO. (Where necessary to be entered in Reg. Book)

Residence GREAT YARMOUTH

Port of Registry LOWESTOFT

If surveyed while building, afloat, or in dry dock

BUILDING

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 $\frac{3}{4}$ length amidships to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	21		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	4 2 1/2 .28		" " top Angles		
" " Extends up to	UPPER DECK		" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, E or F			" " 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 $\frac{1}{2}$ len. for'd. to 15% len. from Stem	4 2 1/2 .28		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or F	4 2 1/2 .28		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5" dia 43/8		Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES		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?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	3 2 1/2 .26	
Floors, Depth and thickness at mid-line in Holds	12 - .28		" " in way of Bridge, Angle, E or F		
Height of Brackets at side above base line at toe of frame			Spacing	EVERY FRAME	
Middle Line Keelson, on Floors, Angles, E or F			Second Deck, amidships, Angle, E or F		
" " " Through Plate or Inter-costal Plate	.28		Spacing		
" " " Foundation Plate on Floors	24 - .28		Third Deck, amidships, Angle, E or F		
" " " Flat Plate Keel Angles	3 3 5/16		Spacing		
Side Keelsons, No. each side	ONE		Fourth Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate	.28		Spacing		
" " Angles	3 3 5/16		Poop Deck, Angle, E or F	4 2 1/2 .30	
DOUBLE BOTTOM.			Spacing	EVERY FRAME	
Solid Floors, thickness and spacing			R.D. Bridge Deck, Angle, E or F	4 2 1/2 .30	
" " Are Frame and Reversed Frame joggled?			Spacing	EVERY FRAME	
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, E or F	3 2 1/2 .25	
" " breadth and thickness at margin plate			Spacing	EVERY FRAME	

ENGLAND.)

005756-00778-0297 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					Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing					Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge.....				
" in Holds " " " "					Thickness of Plating within line of openings..				
" " " " " "					If Sheathed, material and thickness.....				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing					Stringer Plate, breadth and thickness.....				
Plating, thickness of					If Plated, state thickness				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	39½	-	30	✓	If Plated, state thickness.....				
" " " " in way of Bridge			✓		Poop Deck.				
" Angle in Wells	2½	2½	¼	✓	Stringer Plate, breadth and thickness.....	✓	.24	✓	
Thickness of Plating abreast Deck openings } in way of Wells30	✓		Plating, Sheathing, material and thickness24	WP	✓	
Thickness of Plating abreast Deck openings } in way of Bridge.....		✓			RQD. Bridge Deck.				
Thickness of Plating within line of openings...	.30	✓			Stringer Plate, breadth and thickness.....	64	- .24	✓	
If Sheathed, material and thickness.....	✓				Plating, Sheathing, material and thickness ...		see plan		
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells		✓			Stringer Plate, breadth and thickness.....	.24	✓		
					Plating, Sheathing, material and thickness...	.24	- WP	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <u>YES</u>	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	51	3/8	3/8	3/8		SINGLE	5/8	2 5/8	BUTTS	BUTTS	WELDED		
RUBBING STRIP ,, Dblg. (if any)	6	5/8	5/8	5/8									
Bottom Plating, No. of Strakes ONE	57	3/2	28-24	28-24		SINGLE	5/8	2 5/8	DOUBLE	5/8	2 1/4	LAPPED	
Bilge Plating, No. of Strakes ONE	48	3/2	28	28-24		"	"	"	"	"	"	"	
Side Plating, No. of Strakes ONE	48	28	24	24		"	"	"	"	"	"	"	
Upper Deck, Sheer- strake in Wells.....	46	28	24	24		"	"	"	"	"	"	"	
Upper Deck, Sheer- strake in Bridge ...													
Strake below Sheer- strake in Wells.....													
Strake below Sheer- strake in Bridge ...													
Poop Side Plating.....				24		SINGLE	5/8	2 5/8	SINGLE	5/8	2 1/4	LAPPED	
R&D. Bridge Side Plating.....				24		"	"	"	"	"	"	"	
Forecastle Side Plating			24			"	"	"	"	"	"	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....Two ✓

„ Deck next below.....✓

As per Rule.....✓

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks					
"	" Second	"				
"	" Third	"				
"	Holds					
	FRAME N° 15	.28				
	(in Hold) HALD..	.36	4½ x 2½ x .30	30		
	FRAME N° 38	.26				
	GOLLISIAN..	.28	5 x 3 x .32 BA.	25½		

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	FORGING	5" x 1 1/4" ✓		
STERN FRAME { Propeller Post	"	5" x 2 1/4" ✓		
{ Rudder "	"	5" x 2 1/4" ✓		
Speed of Vessel	8 KNOTS.	✓		
RUDDER—Type	ORDINARY.	✓		
" A x D				
" Diam. of head		3" ✓		
" Mainpiece at top pintle		3" ✓		
" " heel		3" ✓		
" how constructed	FORGED ARMS	SHRUNK ON ✓		
" double or single plate coupling, vertical or horizontal	SINGLE.	✓		
"	MUFF.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture): OPEN HEARTH

APPLEBY FRIDGINGHAM STEEL CO. LD.

Has the Steel been tested as required by the Rules? YES

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.)

APPROVED "AS BUILT" PLANS WILL BE FORWARDED WHEN RECEIVED FROM BOILERS.

PARTICULARS OF ELECTRIC WELDING (if employed) BUTTS OF KEEL PLATES — FASTEX ELECTRODES

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book COASTAL SERVICE — PORTS IN THE U.K. CHANNEL ISLANDS, ISLE OF MAN & ERIE, EXCLUDING THE WEST OF IRELAND

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	58279	1-3-26	A.E.G.	240	22-3-44
	2nd "	58378	2-0-5	A.E.G.	9575	30-12-43
	3rd "					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 7 ft., R.Q.D. 19 ft., Bridge ft., Forecastle 14 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 166696 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length 85' 0" (Circ. 1703)

No. and Material of Decks ONE STL.

Parts of Bottom of Vessel coated with cement or approved composition FORE PEAK TANK CEMENT HOLD & ENGINE ROOM

SPACE — BITUMINOUS SOLUTION

Particulars of composition (if fitted) and of approval DOWES BITUMINOUS SOLUTION

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,	13.25	36
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.

Date 29.7.44

Dates of Surveys held while building

1944: May 2.15.19. June 5.16.26 July 10.19.25 Aug 10.18. Sep 6.19.27 Oct 5.10.19.
Nov 8.16.20.22 Dec 11.
1945: Jan 1.15.23. Feb 1.7.12.14.

Total No. of Visits 29