

IN D.C.

Received at London Office

State if Report is sent on the Machinery of the Vessel.....YES

No. 112696

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAM COASTAL LIGHTER VIC 76 (MACHY. FITTED AFT.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)..... FULL SCANTLING..... State Type of Elections..... CASTLE

CLASS 100 A.I.
(COASTAL SERVICE)

State if with freeboard
as condition of Class

No
FEET

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

Breadth (greatest moulded) B 20 ✓

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous } D 9.5

deck. See Sec. 3 (1c))

1st Longitudinal Number (L \times D).....= 760

2nd Numeral $L \times (B + D)$ = 2360

Framing Depth "d," at middle of length. See } 8-52
Sec. 3 (1d)..... }

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 8-4
Do Long Bridge to } 4

Do. Long Bridge to }
top of keel }

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	✓		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead.....}	21	✓		
" " in peaks	21	✓		
SIDE FRAMING.				
Frame Amidships, Angle, E or F.....	4 2½ .28 ✓			
" " Extends up to.....	UPPER DECK ✓			
Reversed Frame Amidships, Angle	✓			
" " Extends up to ...	✓			
Depth of Framing Girder.....	4 ✓			
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓			
" " Second 'tween Decks, Angle, [or]	✓			
" " Third " " " " " "	✓			
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	4 2½ .28 ✓			
" " in Peaks, Angle or F.....	4 2½ .28 ✓			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 spaced 4 3/8 ✓ see letter 30.4.45			
State if Frame Joggled.....	No ✓			
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓			
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓			
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds.....	12 - .28 ✓			
Height of Brackets at side above base line at toe of frame.....	✓			
Middle Line Keelson, on Floors, Angles, [or]	✓			
" " Through Plate or Inter-costal Plate28 ✓			
" " Foundation Plate on Floors	24 - .28 ✓			
" " Flat Plate Keel Angles	3 3 5/16 ✓			
Side Keelsons, No. each side.....	ONE ✓			
" " thickness of Intercostal Plate.....	.28 ✓			
" " Angles TAP.....	3 3 5/16 ✓			
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing				
" " Are Frame and Reversed Frame joggled?				
Bracket Floors, breadth and thickness at middle line	✓			
" " breadth and thickness at margin plate.....	✓			
Bracket Floors, Frame				
" " Reversed Frame.....				
" " Vertical Struts				
Centre Girder, depth and thickness amidships				
" " top Angles				
" " bottom Angles.....				
Side Girders, No. each side and thickness.....				
Margin Plate depth (excl. of flange) and thickness				
" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem				
" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area				
" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....				
" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake....				
Thickness of remainder in Holds				
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?.....				
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, E or F... ✓ see plan	3 2½ .26 ✓			
" " in way of Bridge, Angle, [or]				
Spacing	EVERY FRAME ✓			
Second Deck, amidships, Angle, [or]	✓			
Spacing				
Third Deck, amidships, Angle, [or]	✓			
Spacing.....				
Fourth Deck, amidships, Angle, [or]	✓			
Spacing.....				
Poop Deck, Angle, E or F.....	4 2½ .30 ✓			
Spacing.....	EVERY FRAME ✓			
R.Q.D. ✓	4 2½ .30 ✓			
-Bridge Deck, Angle, E or F.....	3 2½ .26 ✓			
Spacing.....	EVERY FRAME ✓			
Forecastle Deck, Angle, E or F.....	3 2½ ¼ ✓			
Spacing.....	5 3 .30 ✓			
	EVERY FRAME ✓			

(MADE IN ENGLAND.)

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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.....			✓			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 ...		24	or better	30, 4.45	
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?	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 ✓	36 ✓	36 ✓	36 ✓		SINGLE ✓	5/8	2 5/8	DOUBLE ✓	5/8	2 1/4	LAPPED ✓	
RUBBING STRIP " Dbig. (if any)	6" ✓	5/8 ✓	5/8 ✓	5/8 ✓		✓							
Bottom Plating, No. of Strakes . ONE	57 ✓	32 ✓	28 ✓	28-24 ✓		SINGLE ✓	5/8	2 5/8	DOUBLE ✓	5/8	2 1/4	LAPPED ✓	
Bilge Plating, No. of Strakes . ONE	48 ✓	32 ✓	28 ✓	28-24 ✓		"	"	"	"	"	"	"	
Side Plating, No. of Strakes . TWO	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.....THREE

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	FORGING.	5 × 1¼	✓	
STERN FRAME { Propeller Post	"	5¼ × 2¼	✓	
{ Rudder "	"	5 × 2¼	✓	
Speed of Vessel	8 KNOTS.	✓		
RUDDER—Type	ORDINARY			
" A × D.....				
" Diam. of head		3 ✓		
" Mainpiece at top pintle		3 ✓		
" " heel		2½ ✓		
" how constructed	FORGED ARMS	SHRUNK ON ✓		
" double or single plate	SINGLE ✓			
" coupling, vertical or				
" horizontal	MUFF ✓			

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks							
"	Second	"					
"	Third	"					
"	Holds No. 15.	✓	.28 ✓ .36	5" x 3" x 5/16 ✓	.30 ✓	✓	✓
COLLISION		"	.26 ✓ .28	5" x 3" x 3/32 BA. 2S 1/2	✓	✓	✓
AFTER PEAK		"	✓				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH.
APPLEBY - FRODINGHAM 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.)

- ✓ MIDSHIP SECTION.
✓ PROFILE & DECKS.
✓ BULKHEADS.
✓ SHELL EXPANSION.
✓ STERN FRAME & RUDDER.

PARTICULARS OF ELECTRIC WELDING (if employed) BUNKERS PARTLY WELDED. FASTEX ELECTRODES.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book. COASTING 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 2 CWTs, 1 QR, 20 LBS. AEG. NO 1607. 1-6-44.
2nd " 2 CWTs, 1 QR, 10 LBS. AEG. NO 1674. 15-6-44.
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. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 85'-0" ✓

No. and Material of Decks ONE STL.

Parts of Bottom of Vessel coated with cement or approved composition FORE PEAK TANK CEMENT, HOLD & E.R. SPACES — BITUMINOUS SOLUTION.

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

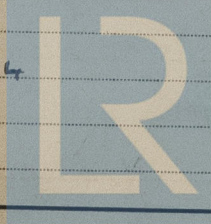
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	13.25	30 ✓
Double bottom, under Engines and Boilers,			After peak tank,	✓	
Double bottom, if under Engines only,			Deep tank, aft,	✓	
Double bottom, if under Boilers 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

Dates of Surveys held while building

1944: Jan 3 Feb 23 Mar 13. 22. 30 May 16. 30 June 17. 23. 25 July 6. 12. 18 Aug 4. 16. 23 Sept 1. 12. 15.
Oct 11. 23 Nov 2. 10. 23 Dec 1. 7.
1945: Jan 3. 17. 26 Feb 8. 14. 20 Mar 9. 14. 20. 26 Apr 4.



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