

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office 27 NOV 1945

State if Report has been sent on the Freeboard of the Vessel ☒ YESState if Report is sent on the Machinery of the Vessel ☒ YES

No. 113326

Date of completion of report

24-11-45

Port of IPSWICH

Date First Survey 3rd JANUARY 1944 Last Survey 17-11-1945

Survey held at ROWHEDGE

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAM COASTAL LIGHTER "VIC 78" (MACHY. FITTED AFT)

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

FULL SCANTLING

State Type of Erections R.Q.D. & POOP & FORECASTLE.

TONNAGE under Tonnage Deck... 98.87

CLASS 100A.1. (COASTAL SERVICE)

State if with freeboard as condition of Class

No. FEET.

Built at ROWHEDGE

Launched 27-8-45 Yard No. 657

Builders THE ROWHEDGE IRONWORKS CO. LD.

Owners MINISTRY OF WAR TRANSPORT.

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

Residence

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

REGISTERED DIMENSIONS. FEET.

Length 80.5

Breadth 20.05

Depth 8.25

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 1/2

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

8-4

Do. Long Bridge to top of keel

Draught Moulded 8'-8"

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 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, 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 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 1/4 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 E or F	4 2 1/2 28	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 - 4 3/8	✓	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 Intercoastal 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.Q.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 30	✓
" " breadth and thickness at margin plate			Spacing	EVERY FRAME	✓

PILLARS AND DECKS.
PILLARS, No. of Rows.....
in 'tween Decks, Size and Spacing.....
in Holds " "
Centre Line Bulkhead.
Stiffeners and Spacing.....
Plating, thickness of
STRINGERS AND DECKS.
Uppermost Continuous Deck.
Stringer Plate, breadth and thickness in Wells 35 1/2 - 30
in way of Bridge
Angle in Wells 2 1/2 2 1/2 1/4
Thickness of Plating abreast Deck openings in way of Wells -30
Thickness of Plating abreast Deck openings in way of Bridge
Thickness of Plating within line of openings... -30
If Sheathed, material and thickness
Second Deck.
Stringer Plate, breadth and thickness in Wells...

SHELL PLATING.
SCANTLINGS.
AS IN VESSEL.
ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
STRAKES.
Breadth. Thickness. Thickness. Thickness.
Inches. Inches. Inches. Inches.
FLAT PLATE KEEL 51 36 36 36
ROSSING STRIP " DELG. (if any) 6 5 5 5
BOTTOM PLATING, No. of Strakes 57 32 28 24 28 24
BILGE PLATING, No. of Strakes 48 32 28 28 24
SIDE PLATING, No. of Strakes 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
K.O.D. BRIDGE SIDE PLATING ... 24
FORECASTLE SIDE PLATING

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
STIFFENERS.
VERTICAL. HORIZONTAL.
Scantlings. Spacing. Scantlings. Spacing.
MIDSHIP BULKHEAD, Upper tween decks
Second
Third
Holds
COLLISION (in Hold)
AFTER PEAK
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH
STEEL.
APPLEBY - FRODINGHAM STEEL CO. LD.
Has the Steel been tested as required by the Rules? YES

Stringer Plate, breadth and thickness in way of Bridge
Thickness of Plating abreast Deck openings in way of Wells
Thickness of Plating abreast Deck openings in way of Bridge
Thickness of Plating within line of openings...
If Sheathed, material and thickness
Third Deck.
Stringer Plate, breadth and thickness...
If Plated, state thickness...
Fourth Deck.
Stringer Plate, breadth and thickness...
If Plated, state thickness...
Poop Deck.
Stringer Plate, breadth and thickness...
Plating, Sheathing, material and thickness...
Bridge Deck.
Stringer Plate, breadth and thickness...
Plating, Sheathing, material and thickness...
Forecastle Deck.
Stringer Plate, breadth and thickness...
Plating, Sheathing, material and thickness...

EQUIPMENT No. LETTER ANCHORS.
Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 53. Description of Anchor. Makers. Where and when tested and Superintendent.
59946 1st Bower 4 0 21 6 12 2 0 4 CMTS. HALLS TYPE HINGLEY CRADLEY 19-5-45
59944 2nd 4 0 14 6 10 0 0
3rd
Collective weight.
50688 Stream 2 26 24 2 13 2 21 3/4 EX. STOCK. ORDINARY HINGLEY CRADLEY 8-7-45

CHAIN CABLES.
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.
70450 90 1/16 12 1/4 8 1/2 24-1-0 90 1/16 SHOD LINK HINGLEY CRADLEY 31-10-45 HEATH W.H. NORMAN
70523 45 3/16 4 1/2 2 1/4 5-3-7 45 3/16 SHOD LINK HINGLEY CRADLEY 31-10-45 HEATH W.H. NORMAN

HAWERSERS 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.
70450 90 1/16 12 1/4 8 1/2 24-1-0 90 1/16 SHOD LINK HINGLEY CRADLEY 31-10-45 HEATH W.H. NORMAN
70523 45 3/16 4 1/2 2 1/4 5-3-7 45 3/16 SHOD LINK HINGLEY CRADLEY 31-10-45 HEATH W.H. NORMAN

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 No.
(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).
The Ship has been built in conformity with the Society's Rules and Regulations and with the Secretary's letter. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The peak tank and fuel bunkers have been tested with head of water to Rule requirements. The decks, coamings, bulkheads & watertightways have been tested. The anchor, windlass, steering gear & emergency gear have been examined under working conditions. The condition of the Specification has been carried out.

FORGINGS AND CASTINGS.
Casting or Forging. Scantlings. Maker's Name. Any Departure from Approved Plans to be Noted.
KEEL, Bar
STEM
STERN FRAME Propeller Post 5x2 1/2
Rudder 5x2 1/2
Speed of Vessel 8 KNOTS
RUDDER-Type ORDINARY
A x D
Diam. of head 3
Mainpiece at top pintle 3
heel 2 1/2
how constructed FORGED ARMS SHRUNK ON
double or single plate coupling, vertical or horizontal MUFF
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH
STEEL.
APPLEBY - FRODINGHAM STEEL CO. LD.
Has the Steel been tested as required by the Rules? YES

Fees applied for, 27 NOV 1946
The amount of Entry Fee £ 2 : 0 : 0
Special Survey Fee £ 25 : 0 : 0
FRAIGHTS & FREIGHTS 4 : 0 : 0
Travelling Expenses, if any £ 9 : 13 : 3
Received by me, 19
I am of opinion the Vessel should be Classed 100A1 COASTAL SERVICE - PORTS IN THE U.K. CHANNEL ISLANDS, ISLE OF MAN & EIRE, EXCLUDING THE WEST OF IRELAND.
Signature J. J. O'Connell
Surveyor to Lloyd's Register of Shipping.
Committee's Minute
Character assigned +100A1 "Coasting Service. Ports in the U.K., Channel Islands, Isle of Man and Eire, excluding the West Coast of Ireland"
Lloyd's A.C.P. "Cargo battens not fitted"
machinery aft. LMC 11,45
O.G.
Note for S.R.L.

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.)

"VIC 76" , "VIC 77"

MIDSHIP SECTION.

PROFILE & DECKS.

BULKHEADS

SHELL EXPANSION.

STERN FRAME & RUDDER

PARTICULARS OF ELECTRIC WELDING (if employed)

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 & EIRE EXCLUDING THE WEST OF IRELAND.

Cargo hatches not fitted.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower	2-1-23	A.E.G.	Nº 1638	8-6-44.
2nd "	2-1-18	A.E.G.	Nº 3680	21-1-45.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 7 ft., R.Q.D. 19 ft., Bridge 2 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. 189761 Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 85' 0" No. and Material of Decks ONE STL. DK. 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 Ca Ton
Double bottom, aft,			Fore peak tank,	13.5	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 3, 13, 22, May 30, June 17, July 12, 15, Aug 16, 27, Sep 1, 12, 15, Oct 11, 23.
1945: Jan 3, Feb 8, 25, Mar 9, 14, 20, Apr 6, 19, 25, May 25, June 25, July 16, Aug 10, 26, Sep 11, 19.
Oct 3, 11, 17, 29, Nov 17

Lloyd's Register Foundation
Total No. of Visits 3