

STEEL STEAMER or MOTORSHIP.

OCT 25 1940

Received at London Office

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

21-10-40

Port of

MIDDLESBROUGH

No.

16914

Survey held at

HAVERTON HILL ON TEES

Date First Survey

21-2-40

Last Survey

17-10-

1940

On the (State of Vessel)

"L.C. 11" SALVAGE LIGHTER

State Type

(Full Scantling, or as condition of Class)

FULL SCANTLING.

State Type of Erections

FLUSH DECK

TONNAGE under Tonnage Deck

907.51

CLASS **100A.1. SALVAGE LIGHTER** State if with freeboard as condition of Class

No

Built at

HAVERTON HILL ON TEES.

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

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

L 180'0"

Breadth (greatest moulded)

B 39'0"

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

D 17'6"

Total

907.51

Gross Tonnage

918.22

Register Tonnage

814.30

1st Longitudinal Number (L x D) = 3150

2nd Numeral L x (B + D) = 10170

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

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

Do. Long Bridge to top of keel

Draught Moulded 14'1 1/2"

Launched

Aug. 20th 1940

Yard No. 337

Builders

FURNESS S.B.CO. LTD.

Owners

ADMIRALTY

Managers

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

Residence

Port of Registry

HARTLE POOL

If surveyed while building, afloat, or in dry dock

WHILE BUILDING & 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	24" ✓		Bracket Floors, Frame		
" " from 3/4 length amidships to Collision bulkhead	✓		" " Reversed Frame		
" " in peaks	24" ✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	33" 20.0 LBS. ✓	
Frame Amidships, Angle E or F	6" 3 1/2" 14.92 LBS. ✓		" " top Angles	DOUBLE 3 1/2" 3 1/2" 9.81 LBS. ✓	
Extends up to PLATFORM DECK U.D. 41-49 INCLUSIVE	✓		" " bottom Angles	DOUBLE 3 1/2" 3 1/2" 9.81 LBS. ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	2 12.5 LBS. ✓	
Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	30" 20.0 LBS. ✓	
Depth of Framing Girder	6" ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous Decks, Angle E or F	Boiler Space 6" 3 1/2" 14.92 LBS. ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
Second Deck, Angle E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
WEB FRAMES IN T.W.D. EVERY FRAME CLEAR OF B.S.	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Third 18" x 17 LBS. DOUBLE FACE BARS 3 1/2" x 3 1/2" x 9.81 LBS. ✓	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	4'-6" x 17.00 LBS. ✓	
" from 1 len. for'd. to 15% len. from Stem	✓		INNER BOTTOM PLATING.		
" in Peaks, Angle or F	✓		Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" 5/4" ✓		Thickness of remainder in Holds IN BOILER SPACE	20" LBS. ✓	
State if Frame Joggled	No ✓		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 the Panting Area in accordance with the Rules and/or as approved?	✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	✓		Uppermost Continuous Deck, amidships	6" 3 1/2" 14.92 LBS. ✓	
SINGLE BOTTOM.			" " BEAMS IN WAY OF SALVAGE BOLLARDS	18" x 17 LBS. PLATE ✓	
Floors, Depth and thickness at mid-line in Holds	21" 17 LBS. ✓		" " E or F DOUBLE FACE BARS 3 1/2" x 3 1/2" x 9.81 LBS.	✓	
Height of Brackets at side above base line at toe of frame	4'-6" ✓		Spacing	EVERY ✓	
Middle Line Keelson, on Floors, Angles, E or F	6" 3" 11.0 LBS. ✓		Second Deck, amidships, Angle E or F	6" 3 1/2" 14.92 LBS. ✓	
" " Through Plate or Intercostal Plate	26" 15 LBS. ✓		Spacing	EVERY ✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle E or F		
" " Flat Plate Keel Angles	3 1/2" 3 1/2" 9.81 LBS. ✓		Spacing		
Side Keelsons, No. each side	ONE INSIDE TANK ✓		Fourth Deck, amidships, Angle E or F		
" " thickness of Intercostal Plate	15 LBS. ✓		Spacing		
" " Angles DOUBLE ON TOP OF FLOORS	6" 3" 11.0 LBS. ✓		Poop Deck, Angle E or F		
" " ON BILGE BRACKETS	6" 3" 11.0 LBS. ✓		Spacing		
DOUBLE BOTTOM. IN BOILER ROOM			Bridge Deck, Angle E or F		
Solid Floors, thickness and spacing	17" EVERY FRAME ✓		Spacing		
" " Are Frame and Reversed Frame joggled?	No ✓		Forecastle Deck, Angle E or F		
Bracket Floors, breadth and thickness at middle line	✓		Spacing		
" " breadth and thickness at margin plate	✓				

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.)

PILLARS

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Stiffen

Plating

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Stringer

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L.

PARTICULARS OF ELECTRIC WELDING (if employed) The following parts of the vessel have been electrically welded with approved electrodes. SALVAGE BOLLARDS, FRAME BRACKETS AT SHEERSTRAKE, BUTTS AND SEAM OF SHEERSTRAKE, STRINGER ANGLE, BUTTS OF BILGE DOUBLINGS.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower

12-1-11

T.T.

No. 3246

5-6-40

2nd

12-6-18

J.D.

No. 2893

22-5-40

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. 162463

Signal Letters

Extreme Breadth over Belting No BELTING FITTED

FLUSH DECK

Over-all Length 180'-0"

No. and Material of Decks

2 DECKS (see)

Parts of Bottom of Vessel coated with cement or approved composition

BALLAST TANKS COATED WITH BITUMASTIC SOLUTION, DOUBLE BOTTOM TANKS IN BOILER SPACE, FRESH WATER BITUMINOUS SOLUTION & BITUMINOUS ENAMEL, FEED WATER TANK ALUMINIUM PAINT.

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.			
Double bottom, under Engines and Boilers,			After peak tank,			
Double bottom, if under Engines only,			Deep tank, aft,	CENTRE & WINGS	56	596
Double bottom, if under Boilers only,	28	62	Deep tanks forward,	-do-	56	596
Double bottom, forward,			Other tanks, if fitted,			
Total length (if continuous) and Capacity	28	62	(If necessary, furnish further information by sketch.)			

Order for Special Survey No. 1530

Date 30-1-40

Dates of Surveys held while building

Feb. 21. 29. Mar. 1. 6. 7. 8. 11. 12. 13. 15. 16. 19. 20. 21. 27. 28. 29. April 1. 2. 3. 4. 5. 8. 9. 10. 11. 12. 15. 17. 19. 22. 23. 25. 26. 29. 30. May 2. 3. 6. 7. 8. 9. 13. 14. 15. 17. 20. 22. 23. 24. 27. 28. 29. 30. June 4. 5. 6. 7. 10. 11. 12. 13. 14. 17. 18. 20. 24. 25. 26. 27. 28. July 1. 3. 11. 12. 15. 16. 18. 22. 23. 24. 25. 29. 30. 31. Aug. 1. 2. 5. 7. 8. 9. 11. 19. 20. 21. 26. 27. 29. Sept. 2. 4. 6. 9. 11. 12. 16. 17. 18. 20. 25. 26. 30. Oct. 1. 4. 7. 11. 14. 15. 16. 17.

Total No. of Visits 121.

Lloyd's Register
Foundation