

ADMIRALTY  
CASENON-PROPELLED SALVAGE LIGHTER.  
STEEL STEAMER or MOTORSHIP.

Received at London Office

JAN - 2 1941

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 26<sup>th</sup> DECEMBER 1940.Port of GREENOCKNo. 21220Survey held at PORT GLASGOW.Date First Survey 16<sup>th</sup> MAY 1940.Last Survey 23<sup>rd</sup> DECEMBER 1940

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

STEEL NON-PROPELLED SALVAGE LIGHTER "L.C. 9"

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

FULL SCANTLING

State Type of Erections

NONE

TONNAGE under Tonnage Deck

927.72CLASS +100 A.I.

State if with freeboard as condition of Class

NO.Built at PORT GLASGOW

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

✓

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

L 172.42Launched 31<sup>st</sup> OCTOBER 1940 Yard No. 357

Total

927.72

Breadth (greatest moulded)

B 39.00Builders J. LAMONT & CO LTD. (ADMIRALTY NO. 71184)

Gross Tonnage

938.84

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

D 17.46Owners THE ADMIRALTY.

Register Tonnage

844.011st Longitudinal Number (L x D) = 3010Managers ✓

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

2nd Numeral L x (B + D) = 9735Residence ✓

## REGISTERED DIMENSIONS.

FEET.

Length

173.0

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

7.71

Breadth

39.2

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

9.88Port of Registry GLASGOW.

Depth

15.5

Draught Moulded

13'-11 1/2"

If surveyed while building, afloat, or in dry dock

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.
		185				185	
FRAMES, Spacing amidships	24	✓		Bracket Floors, Frame	✓		
"    "    from 3/8 length amidships to Collision bulkhead	24	✓		"    "    Reversed Frame	✓		
"    "    in peaks	24	✓		"    "    Vertical Struts	✓		
SIDE FRAMING.				Centre Girder, depth and thickness amidships	33	20	✓
Frame Amidships, Angle, <u>E</u> or <u>C</u>	6	3 1/2 14.92	✓	"    "    top Angles	3 1/2	3 1/2 9.81	✓
"    "    Extends up to	UPPER DECK	✓		"    "    bottom Angles	3 1/2	3 1/2 9.81	✓
Reversed Frame Amidships, Angle	✓			Side Girders, No. each side and thickness	2	12.5	✓
"    "    Extends up to	✓			Margin Plate depth (excl. of flange) and thickness	30	20	✓ See plan
Depth of Framing Girder	6	✓		"    "    Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2	3 1/2 9.81	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>C</u>	6	3 1/2 14.92	✓	"    "    Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	✓		
"    "    Second 'tween Decks, Angle, <u>E</u> or <u>C</u>	✓			"    "    Gussets, spacing and scantling abaft 1/4 len. from stem	NONE	✓	
"    "    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	6	5 1/2 14.92	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	41	17	✓
"    "    in Peaks, Angle or <u>C</u>	6	3 1/2 14.92	✓	INNER BOTTOM PLATING.			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4	5 1/4"	✓	Breadth and thickness of Middle Line Strake	63	20	✓ See plan
State if Frame Joggled	YES	✓		Thickness of remainder in Holds	20	✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	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?	YES	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED	✓		BEAMS.			
SINGLE BOTTOM.				Uppermost Continuous Deck, amidships in Walls, Angle, <u>E</u> or <u>C</u>	6	3 1/2 14.92	✓
Floors, Depth and thickness at mid-line in Holds	23	17	✓	"    "    in way of Bridge, Angle, <u>C</u> or <u>E</u>	✓		
Height of Brackets at side above base line at toe of frame	46	✓		Spacing	EVERY FRAME	✓	
Middle Line Keelson, on Floors, Angles, <u>E</u> or <u>C</u>	6	3 11	✓	Second Deck, amidships, Angle, <u>E</u> or <u>C</u>	6	3 1/2 14.92	✓
"    "    "    Through Plate or Intercoastal Plate	26	15	✓	Spacing	EVERY FRAME	✓	
"    "    "    Foundation Plate on Floors	✓			Third Deck, amidships, Angle, <u>E</u> or <u>C</u>	✓		
"    "    "    Flat Plate Keel Angles	3 1/2	3 1/2 9.81	✓	Spacing	✓		
Side Keelsons, No. each side	1	✓		Fourth Deck, amidships, Angle, <u>E</u> or <u>C</u>	✓		
"    "    thickness of Intercoastal Plate	15	✓		Spacing	✓		
"    "    Angles	6	3 11	✓	Poop Deck, Angle, <u>E</u> or <u>C</u>	✓		
DOUBLE BOTTOM.				Spacing	✓		
Solid Floors, thickness and spacing	17	EVERY FR	✓	Bridge Deck, Angle, <u>E</u> or <u>C</u>	✓		
"    "    Are Frame and Reversed Frame joggled?	YES	✓		Spacing	✓		
Bracket Floors, breadth and thickness at middle line	✓			Forecastle Deck, Angle, <u>E</u> or <u>C</u>	✓		
"    "    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.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
	185	185			
in 'tween Decks, Size and Spacing	AS PER			15	
" " " " " "	APPROVED			15	
in Holds " " " "	PLANS			15	
Centre Line Bulkhead.					
Stiffeners and Spacing	✓				
Plating, thickness of	✓				
Stringers and Decks.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	77 3/4 17-15				
" " " " " "	✓				
" Angle in Wells	5 5 16-16				
Thickness of Plating abreast Deck openings in way of Wells	17-15				
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating within line of openings	17-15				
If Sheathed, material and thickness					
Second Deck.					
Stringer Plate, breadth and thickness in Wells	56 1/4 15				

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	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 .....	40	22.5	20	20		DOUBLE	7/8	33/4	TREBLE	7/8	25/8	LAPPED.	
„ DELG. (if any)		✓											
BOTTOM PLATING, No. of Strakes .....3.....	17	✓	15	15	THIS STRAKE DOUBLED	DOUBLE	3/4	3	TREBLE	3/4	25/8	LAPPED.	
BILGE PLATING, No. of Strakes .....	17	✓	15	15	BETW PEAK BULKHEADS.	✓	✓	✓	DOUBLE	✓	✓	DOUBLE STRAPPED	
SIDE PLATING, No. of Strakes .....	17	✓	15	15		✓	✓	✓	✓	✓	✓	LAPPED	
UPPER DECK, Sheer-strake in Wells.....	56 1/2	✓	17	✓	15	✓	15		TREBLE	✓	✓	✓	
UPPER DECK, Sheer-strake in Bridge ...		✓											
STRAKE BELOW Sheer-strake in Wells.....	6 1/2	✓	17	✓	15	✓	15	✓	DOUBLE	3/4	25/8	LAPPED	
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.			
Extending to Upper Deck (Sec. 3 c)	4			KEEL, Bar	NONE	✓	
" Deck next below	2			STEM	NONE	✓	
As per Rule	4 TO UPPER DECK.			STERN FRAME	Propeller Post	✓	
					Rudder	✓	
				Speed of Vessel	✓		
				RUDDER—Type	✓		
				" A x D	57		
				" Diam. of head	3 3/4	J. LAMONT & CO.	
				" Mainpiece at top pintle	3 3/4		
				" " heel	3		
				" how constructed	✓		
				" double or single plate	SINGLE	✓	
				" coupling, vertical or horizontal	NONE	✓	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	COLVILLE'S LTD.	OPEN HEARTH PROCESS.
Has the Steel been tested as required by the Rules?	YES.	

## EQUIPMENT No. 9825

## LETTER

## ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 63.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
25104	1st Bower	20 0 0	✓	20 15 0	20 1/2	BYERS STOCKLESS	✓	L.W. 6/7/40 A.G.
25105	2nd "	20 1 0	✓	20 19 1 14	20	"	✓	" " "
	3rd "				20	"		" " "
	Collective weight.	40 1 0	✓	SEE ALSO BELOW.	60 1/2			
	Stream		✓		5 1/2			

## CHAIN CABLES.

## HAWERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and size per Table 63.	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 63.
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs.	Fathoms. Ins.					Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.
111586	30 1/2	1 1/8	34	51	30-1-27	STUD LINK	WRIGHT & CO. N. 31/7/40 J.R.R.	TOWLINE			90 3'
111587	30 3/4	"	"	"	30-0-19	"	" " "	HAWERS & WARPS	8-75 6'	99-1	90 2 1/4
114411	90	"	"	"	88-3-14	"	" " "	"	6-120 4 1/2	43-3	90 1 3/4
114412	90	"	"	"	89-2-20	"	" " "	"			
	240										

Steering Gear, Type (Power or hand) *HYLANDS HAND HYDRAULIC.*Alternative Means of Steering *NONE*Steering Chains (Size and Test) *NONE*Windlass *STEAM, CLARKE, CHAPMAN.* Boats *1-16'0" DINGHY*Ceiling in Holds, thickness and material *NONE*Cargo Battens, thickness, material and spacing *NONE*Cargo Hatchways.—(Upper Deck) *STEEL CORMINGS*Thickness of Hatches *20 LBS PLATING.*Size of Hatchways No. 1 (Fwd.) *6'0" x 4'0"* No. 2 *12'4" x 6'0"* No. 3

No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *NONE.*

Builder's Signature



J. Y. Edwards

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).

This vessel has been built in accordance with the approved plans and in conformity with the Rules for the class contemplated. See also attached copy of Certificate 10. The workmanship and materials are good.

The double bottom tanks, salvage ballast tanks & peaks have been tested under pressure. The weather deck, tween deck bulkheads & cappings on deck have been hose tested. The windlass & steering gear have been tested.

The freeboard markings have been verified & put in on the vessel's sides. The following equipment has been supplied in addition to that stated above

4 anchors each 70 cwt. 40 fathoms of stud link cable - weight 83-2-21

A large number of steel wire & hemp hawsers has also been placed on board.

The amount of Entry Fee ... £ 200 : 0 : 0

Fees applied for,

FREESBOARD

27 DEC. 1940

Special Survey Fee ... £

Received by me,

Travelling Expenses, if any £

11 MAR 10 1941

I am of opinion the Vessel should be Classed + 100 A.I.

SALVAGE LIGHTER

State whether the Vessel has been built under Special Survey *YES.*

Signature

J. A. Jamieson

Surveyor to Lloyd's Register of Shipping.

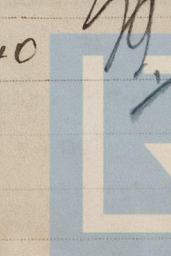
Certificate to be sent to *GLASGOW*Date of issue *9/1/41*Committee's Minute *GLASGOW 31 DEC 1940*Character assigned *- 100 A.I.*

Salvage Lighter

Lloyd's A.C.P.

12, 40

- NB 12.40



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Lloyd's Register Foundation



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.)

The following plans and reports are forwarded herewith.

Vessel as built  
Midship Section  
General arrangement.

Approved Plans  
Midship Section  
Profile & Deck Plan  
Longitudinal Bulkheads.  
Rudder & Deadwood.  
Ballast Piping (2 plans)

Report  
Ruders.

This vessel is generally similar to messrs J. Brown & Co's No. 574 and the working plans have been prepared by that firm.

PARTICULARS OF ELECTRIC WELDING (if employed)

BULKHEAD BRACKETS TO SHELL, ALSO MINOR DECK FITTINGS WELDED.

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

"SALVAGE LIGHTER" 2 DKS (STL) 4 BHDS TO UPPER DECK, 2 TO 2ND DECK LLOYDS A & CP.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	INC. PINS 13-2-21	J.D. 2921	25-5-40.
	2nd "	13-2-14	J.D. 2922	25-5-40.
	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. 165995. Signal Letters ✓ Extreme Breadth over Belting NO BELTING (Circ. 1611) Over-all Length 180'9" (Circ. 1703)

No. and Material of Decks 2 DKS (STL).

Parts of Bottom of Vessel coated with cement or approved composition FORE & AFTER PEAKS CEMENTED, SALVAGE BALLAST TANKS AND FRESH WATER TANKS IN DOUBLE BOTTOM COATED WITH BITUMASTIC, RESERVE FEED TANKS IN DOUBLE BOTTOM PAINTED.

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 MACHINERY ✓	28.0	59.7	After peak tank, ✓		
Double bottom, if under Engines only, ✓			Deep tank, aft, ✓	56.0	582.0
Double bottom, if under Boilers only, ✓			Deep tank, forward, ✓	56.0	581.7
Double bottom, forward, ✓			Other tanks, if fitted, ✓		
Total length (if continuous) and Capacity	28.0	59.7	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

(1940) MAY 16. 20. 28. JUNE 4. 6. 7. 11. 13. 17. 19. 25. 26. 28. JULY 2. 3. 5. 9. 10. 12. 15. 17. 19. 22. 24. 26. 29. 30. 31.  
AUG. 1. 3. 5. 12. 13. 16. 20. 23. 24. SEPT. 4. 5. 6. 11. 13. 17. 19. 20. 23. 24. 25. 30. OCT. 4. 8. 10. 11. 14. 16. 22. 23. 24.  
25. 28. 31. NOV. 7. 8. 15. 20. 21. 25. DEC. 3. 4. 5. 10. 11. 16. 18. 20. 23.

Total No. of Visits 46.