

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

21 JAN. 1928

Port of

# LIVERPOOL

No. 93191.

Survey held at Northwich

Date First Survey

May 18<sup>th</sup> 1927.

Last Survey *January 16<sup>th</sup>* 19*28*

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

Motor Barge "CASTLEGATE"

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

### State Type of Erections

**TONNAGE under** } **42.00**  
**Tonnage Deck...** }

CLASS A1 Barge

State if with freeboard  
as condition of Class

Built at *Northwich*

Do. of space or spaces  
between Tonnage Dk.  
and Upper Dk. 8.73

Length from fore part of stem to after part of stern } L 70.91  
post on summer L.W.L. See Sec. 3 (1a) }

Launched 8/10/27. Yard No. 372

**Total** 50.73

**Breadth** (greatest moulded) ..... B 14.05

**Depth**, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) ..... D 5.25

Builders Messrs W. L. Jarwood & Sons, Ltd.

**Gross Tonnage** 50.73

1st Longitudinal Number (L x D).....=

Owners *Anglo-American Oil Co.*

**Register Tonnage** 27.70

1874

Managers *L. Hamilton*

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

**REGISTERED DIMENSIONS.**

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

Residence *36-38 Queen Anne's Gate*

Length 71.1

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

Port of Registry Liverpool

**Breadth** 14.1

Do. Long Bridge to top  
of keel

*If surveyed while building, afloat, or in dry dock*

Depth 5.5

**Draught Moulded** ..... **(4'-0")**

Yes.

## 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.
<b>FRAMES, Spacing amidships .....</b>	✓	20	✓	✓	<b>Bracket Floors, Frame .....</b>				
" " from ½ length to Collision bulkhead.....}	✓	✓	✓	✓	" " Reversed Frame .....				
" " in peaks.....	✓	16	✓	✓	" " Vertical Struts .....				
<b>DE FRAMING.</b>					<b>Centre Girder, depth and thickness amidships</b>				
<b>Frame Amidships, Angle, E or F.....</b>	3½	2½	5/16	✓	" " top Angles .....				
" " Extends up to Upper Deck.....	2½	2½	3	✓	" " bottom Angles .....				
<b>Reversed Frame Amidships, Angle.....</b>	2½	2½	3	✓	<b>Side Girders, No. each side and thickness.....</b>				
" " Extends up to Lower Deck.....	2½	2½	3	✓	<b>Margin Plate depth (excl. of flange) and thickness .....</b>				
<b>Depth of Framing Girder.....</b>	2½	2½	3	✓	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem .....				
<b>Frames in Uppermost Continuous 'tween Decks, Angle, C or [.....}</b>	2½	2½	3	✓	" " Vertical Angle to Tank side Bracket forward ¼ len. from stem .....				
" " Second 'tween Decks, Angle, C or [.....}	2½	2½	3	✓	" " Gussets, spacing and scantling abaft ¼ len. from stem.....}				
" " Third " " " "	2½	2½	3	✓	" " Gussets, spacing and scantling forward ¼ len. from stem.....}				
<b>Framing in Peaks, Angle or [.....</b>	3½	2½	5/16	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness }</b>				
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....</b>	5/8	-	4½	✓	<b>INNER BOTTOM PLATING.</b>				
<b>State if Frame Joggled .....</b>	✓	✓	✓	✓	Breadth and thickness of Middle Line Strake ...				
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars }</b>	✓	✓	✓	✓	Thickness of remainder in Holds .....				
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars .....</b>	✓	✓	✓	✓	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 ?.....}				
<b>SINGLE BOTTOM.</b>					<b>BEAMS.</b>				
<b>Floors, Depth and thickness at mid-line in Holds .....</b>	9	x	31	✓	<b>Uppermost Continuous Deck, amidships in Walls, Angle, E or F }</b>	3	2½	3	
Height of Brackets at side above base line at toe of frame .....	✓	✓	✓	✓	" " in way of Bridge, Angle, C or [ .....	✓	✓	✓	
<b>Middle Line Keelson, on Floors, Angles, C or [ .....</b>	✓	✓	✓	✓	Spacing .....	✓	20	✓	
" " Through Plate Intercoastal Plate... }	✓	5/16	✓	✓	<b>Second Deck, amidships, Angle, C or [ .....</b>				
" " Foundation Plate on Floors .....	✓	✓	✓	✓	Spacing.....				
" " Flat Plate Keel Angles .....	2½	2½	¼	✓	<b>Third Deck, amidships, Angle, C or [ .....</b>				
<b>Side Keelsons, No. each side .....</b>	✓	✓	✓	✓	Spacing.....				
" " thickness of Intercoastal Plate... }	✓	✓	✓	✓	<b>Fourth Deck, amidships, Angle, C or [ .....</b>				
" " Angles .....	✓	✓	✓	✓	Spacing.....				
<b>DOUBLE BOTTOM.</b>					<b>Poop Deck, Angle, C or [ .....</b>				
<b>Solid Floors, thickness and spacing .....</b>	✓	✓	✓	✓	Spacing.....				
" " Are Frame and Reversed Frame joggled ?.....}	✓	✓	✓	✓	<b>Bridge Deck, Angle, E or [ .....</b>				
<b>Bracket Floors, breadth and thickness at middle line..... }</b>	✓	✓	✓	✓	Spacing.....				
" " breadth and thickness at margin plate..... }	✓	✓	✓	✓	<b>Forecastle Deck, Angle, C or [ .....</b>				
					Spacing .....				



# 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.
<b>PILLARS, No. of Rows.....</b>	✓	✓	✓		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 .....	00.22			
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....	✓	✓	✓		Stringer Plate, breadth and thickness.....	27.8			
Plating, thickness of .....	✓	✓	✓		If Plated, state thickness.....	27.02			
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b>					Stringer Plate, breadth and thickness.....	27.02			
Stringer Plate, breadth and thickness .....	21x1/4 cheq.				If Plated, state thickness .....	27.12			
"    "    "    "    "    in way of Bridge	✓	✓	✓		<b>Poop Deck.</b>				
"    "    "    "    "    Angle in Well .....	3 3 5/16				Stringer Plate, breadth and thickness .....				
Thickness of Plating abreast Deck openings in way of Wells .....	1/4 cheq.				Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge .....	✓	✓	✓		<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...	1/4 Plain				Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness .....	✓	✓	✓		Plating, Sheathing, material and thickness ...				
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells...	✓	✓	✓		Stringer Plate, breadth and thickness .....				
					Plating, Sheathing, material and thickness ...				

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>yes</i>			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	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 .....	42	1/4	1/4	1/4	ho	Single	5/8	2 1/2	2 R	5/8	2 1/4
"    DBLG. (if any)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes <i>one</i> .....	42	1/4	1/4	1/4	ho	Single	5/8	2 1/2	2 R	5/8	2 1/4
BILGE PLATING, No. of Strakes <i>one</i> .....	45	1/4	1/4	1/4	"	Single	5/8	2 1/2	2 R	5/8	2 1/4
SIDE PLATING, No. of Strakes <i>one</i> .....	36	1/4	1/4	1/4	ho	Single	5/8	2 1/2	2 R	5/8	2 1/4
UPPER DECK, Sheer-strake in Wells.....	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UPPER DECK, Sheer-strake in Bridge ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Wells.....	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer-strake in Bridge ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POOP SIDE PLATING .....	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BRIDGE SIDE PLATING ...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FORECASTLE SIDE PLATING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>	
Extending to Upper Deck (Sec. 3 c) <i>Two oil tight W.T.</i>	
"    Deck next below .....	
As per Rule .....	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Uppermost decks</b>	1/4	2x2x1/4	28	✓	✓
"    "    Second    "	✓	✓	✓	✓	✓
"    "    Third    "	✓	✓	✓	✓	✓
"    "    Holds .....	✓	✓	✓	✓	✓
<b>COLLISION</b> "    (in Hold) .....	1/4	2x2x1/4	28	✓	✓
<b>AFTER PEAK</b> "    "    .....	1/4	2x2x1/4	24	✓	✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>	✓	✓	✓	✓
<b>STEM .....</b>	Forging	4x1 1/4	Yamwoods	ho
<b>STERN FRAME</b> { Propeller Post .....	"	4x1 3/8	"	"
{ Rudder .....	"	4 1/2 x 1 1/2	"	"
<b>RUDDER—A x D.....</b>	14.6			✓
<b>Speed of Vessel.....</b>	7 knots			✓
<b>RUDDER mainpiece at head ...</b>	Forging	4x2	Yamwoods	ho
"    "    heel .....	"	4x2	"	"
"    how constructed .....	3/4" iron forged double			"
"    double or single plate	Double 1/4"			"
"    coupling, vertical or horizontal.....	✓	✓	✓	✓

### STEEL.

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

*David Colville & Sons Ltd., Nottingham Iron & Steel Co. Ltd.*  
*Siemens-Martin open hearth process.*

Has the Steel been tested as required by the Rules?

*yes.*

*Consett Iron Co. Ltd.;*

Lloyd's Register Foundation



EQUIPMENT No.										LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.			Description of Anchor	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.			
27057.	1st Bower ...	1	0	16	3	10	1	7			"Britannic".		Gradley Heath, 25-7-27.
	2nd "												S.C. Paul.
	3rd "												
	Collective weight.												
	Stream .....												

CHAIN CABLES.										HAWSERS 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.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
40591	30	9/16	3 3/4	7 1/2	5-3-9	6				Short link	J. B. Homer.	Gradley Heath, 18th Aug. 1927. S. C. Paul.	TOWLINE...						
✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		HAWSERS & WARPS	40	5	✓		✓	
✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	"	40	3 1/2	✓		✓	
		Cir.								Cir.			"	60	2 1/2	✓		✓	
Iron Stream Chain or Steel Wire	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	"						

Steering Gear, Steam
Boats
Ceiling in Holds, thickness and material
Cargo Hatchways.-(Upper Deck)
Size of No. 1 Hatchway (Forward)
Number of Shifting Beams and/or Fore and Afters

Steering Gear, Hand
Steering Chains, Size and Test
Cargo Battens, thickness, material and spacing
Thickness of Hatches
No. 2
No. 3
No. 4
No. 5
No. 6

For W. J. YARWOOD & SONS, LTD.,
Builder's Signature
DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel an oil tanker, is fitted for carrying oil as cargo
The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans, the Secretanys letters, and the Societys Rules for the class contemplated.

The materials and workmanship are good.

The vessel is fitted with a portable tank in the hold for carrying Petroleum in bulk; this has been built in accordance with the approved plans, and has been tested under pressure in accordance with the rules and found to be tight and satisfactory. The materials and workmanship are good.

The amount of Entry Fee
Special Survey Fee
Travelling Expenses, if any
Fees applied for,
Received by me,
I am of opinion the Vessel should be Classed
Carrying Petroleum in Portable Tank
For Canal Service and Inland Waterways Service
Signature
Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey
Certificate to be sent to
Date of issue

Committee's Minute
Character assigned

LIVERPOOL
A1-Barge 1.28.
Carrying petum in portable tanks
For Canal Service & Inland Waterways Service
Lloyds A & C.P.
+ LMC 1.28. Ch.
Elec. Light.

24 JAN. 1928
7 FEB. 1928

The Surveyor are requested not to write on or below the Committee's Minute.



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.)

This vessel is similar to the Motor Barge "PARKGATE".  
Liverpool report no. 89427.

The following plans are forwarded herewith:  
Plan of Deck, Engine Seating, Oil Tanks, Rudder & Stem post  
Fittings, Pumping Plan.

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

1st Bower  
2nd "  
3rd "

WT 290.25 lbs., Initials P.D.W.; Cert. no. 974; Date 27th January 1927.

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 is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

1 DECK (steel.)

Official No. 149655 Signal Letters

Is bottom of Vessel coated with cement ho if not give

particulars of composition Wailes Dore, Bitumastic Solution.

#### PARTICULARS OF WATER BALLAST.—

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,	34.3	2.5
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 capacity of double bottom			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1198.

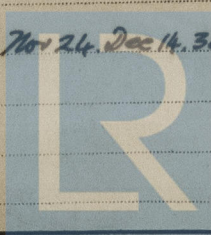
Date

9/6/27

Dates of Surveys held while building

1927.  
May 18. June 2. 15. July 6. 20. Aug. 12. Sept. 1. Oct. 7. Nov. 24. Dec. 14. 30.

1928.  
Jan. 16



Lloyd's Register Foundation  
Total No. of Visits 12