

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

22/6/31.

Port of

Liverpool

No.

98861

Survey held at

Birkenhead

Date First Survey

17<sup>th</sup> December/29

Last Survey

19<sup>th</sup> June

1931.

On the

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

Single Screw Tanker

Date First Survey

17<sup>th</sup> December/29

Last Survey

19<sup>th</sup> June

1931.

State Type

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

Full Scantling

State Type of Erections

Prop, Bridge &amp; Mast

TONNAGE under Tonnage Deck...

6014.17

CLASS

100A.1.

State if with freeboard as condition of Class

FEET.

Built at

Birkenhead

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 425'-0"

Launched 26<sup>th</sup> August 1930 Yard No. 972

Builders Messrs. Cunliffe &amp; Co. Ltd.

Total

6014.17

Breadth (greatest moulded)

B 53'-9"

Owners Limited Industral Co. Ltd.

Gross Tonnage

6553.56

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

D 32'-3"

Managers

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

Register Tonnage

3788.59

1st Longitudinal Number (L x D) = 13706.25

2nd Numeral L x (B + D) = 37400.00

Residence

London

REGISTERED DIMENSIONS.

FEET.

Length

426.1

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

20.42

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

13.17

Port of Registry

Liverpool

Breadth

53.9

Do. Long Bridge to top of keel

25'-6.4"

If surveyed while building, afloat, &amp; in dry dock

Yes.

Depth

32.2

Draught Moulded

## 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>	Longitudinal		<b>Bracket Floors, Frame</b>	✓	
" " from $\frac{3}{4}$ length to Collision bulkhead	Framing		" " Reversed Frame	✓	
" " in peaks	24		" " Vertical Struts	✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	50'-4.4"	
<b>Frame Amidships, Angle, [ or [</b>	✓		" " top Angles	3 1/2 x 3 1/2 x 1/4	2 in way of
" " Extends up to	✓		" " bottom Angles	4 x 4 x 1/4	Engine space
<b>Reversed Frame Amidships, Angle</b>	✓		<b>Side Girders, No. each side and thickness</b>	3 x 15/40	only
" " Extends up to	✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	✓	
<b>Depth of Framing Girder</b>	✓		" " Vertical Angle to Tank side	✓	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b>	✓		" " Bracket abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, [ or [	✓		" " Vertical Angle to Tank side	✓	
" " Third " " " "	✓		" " Bracket forward 1/2 len. from stem	✓	
<b>Framing in Peaks, Angle [</b>	8 x 3 1/2 x 40 B.A.F.P.		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	8 x 3 1/2 x 40 B.A.F.P.		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
<b>State if Frame Joggled</b>	✓		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	✓	
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	Four Side Stringers.		<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	2 lines of Side Keelsons & 3 strakes bottom plating		<b>Breadth and thickness of Middle Line Strake</b>	50	
<b>SINGLE BOTTOM.</b>			<b>Thickness of remainder in Holds</b>	50	
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	✓	
<b>Height of Brackets at side above base line at toe of frame</b>			<b>BEAMS.</b>		
<b>Middle Line Keelson, on Floors, Angles, [ or [</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or [</b>		
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, [ or [		
" " Foundation Plate on Floors			<b>Spacing</b>		
" " Flat Plate Keel Angles			<b>Second Deck, amidships, Angle, [ or [</b>		
<b>Side Keelsons, No. each side</b>			<b>Spacing</b>		
" " thickness of Intercoastal Plate			<b>Third Deck, amidships, Angle, [ or [</b>		
" " Angles			<b>Spacing</b>		
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, [ or [</b>		
<b>Solid Floors, thickness and spacing</b>	40-30		<b>Spacing</b>		
" " Are Frame and Reversed Frame joggled?	✓		<b>Poop Deck, Angle, [ or [</b>		
<b>Bracket Floors, breadth and thickness at middle line</b>	✓		<b>Spacing</b>		
" " breadth and thickness at margin plate	✓		<b>Bridge Deck, Angle, [ or [</b>		
			<b>Spacing</b>		
			<b>Forecastle Deck, Angle, [ or [</b>		
			<b>Spacing</b>		



# 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>	72		Stringer Plate, breadth and thickness in way of Bridge .....	72 x .43	
15830 " in tween Decks, Size and Spacing.....	72 x .43		Thickness of Plating abreast Deck openings in way of Wells .....	.42	
" " " " " "	8 x 3 x .36 S.T.		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" " " " " "	8 x 3 x .46 L.T.		Thickness of Plating within line of openings...	✓	
" " " " " "	8 x 3 x .38 S.T.		If Sheathed, material and thickness .....	✓	
" " " " " "	8 x 3 x .46 S.T.		<b>Third Deck.</b>		
<b>Centre Line Bulkhead.</b>	9 x 3 x .40 S.T.		Stringer Plate, breadth and thickness.....	72	
Stiffeners and Spacing.....	9 x 3 x .40 S.T.		If Plated, state thickness.....	✓	
Plating, thickness of .....	50/40		<b>Fourth Deck.</b>		
<b>STRINGERS AND DECKS.</b>			Stringer Plate, breadth and thickness.....	72	
<b>Uppermost Continuous Deck.</b>			If Plated, state thickness .....	✓	
Stringer Plate, breadth and thickness in Wells	70 3/4 x .74		<b>Poop Deck.</b>		
" " " " in way of Bridge	70 3/4 x .84		Stringer Plate, breadth and thickness .....	38 1/2 x .36	
" " " " Angle in Wells .....	6 6 66		Plating, Sheathing, material and thickness ...	.26 - 5 x 2 1/2 P. Pine	
Thickness of Plating abreast Deck openings in way of Wells .....	.72		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge .....	.72		Stringer Plate, breadth and thickness.....	46 1/2 x .42	
Thickness of Plating within line of openings...	.44		Plating, Sheathing, material and thickness ...	.20 - 5 x 2 1/2 P. Pine	
If Sheathed, material and thickness .....	✓		<b>Forecastle Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness.....	38 x .36	
Stringer Plate, breadth and thickness in Wells...	72 x .43		Plating, Sheathing, material and thickness ...	.34/36 .45 under Windlass 5 x 2 1/2 P.P. 10 x 3 P.P. under Windlass	

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL .....	51	.94	.73	.73		Double	1 4	5R	1 4 1/2	Lapped	
" DBLG. (if any) .....	✓	✓	✓	✓		✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes .....	3-81"	.61	.49	.49		Double	7/8 3 1/2	4R	7/8 3 1/2	Lapped	
BILGE PLATING, No. of Strakes .....	76 1/2	.61	.46	.46		"	" 3 1/2	"	" "	"	
SIDE PLATING, No. of Strakes .....	83-83 1/2	.59	.46	.46		"	" 3 1/2	3R	" 3 1/2	"	
UPPER DECK, Sheer-strake in Wells.....	51	1.00	.46	.46		"	1 4	5R	1 4 1/2	"	
UPPER DECK, Sheer-strake in Bridge ...	51	1.12	✓	✓		"	1 1/2 4 1/2	"	1 1/2 5	"	
STRAKE BELOW Sheer-strake in Wells.....	51	.80	.46	.46		"	1 4	4R	1 4 1/2	"	
STRAKE BELOW Sheer-strake in Bridge ...	51	.80	✓	✓		"	1 4	4R	1 4 1/2	"	
POOP SIDE PLATING .....	✓	.39	✓	✓		Single	3/4 2 5/8	2R	3/4 2 5/8	Lapped	
BRIDGE SIDE PLATING ..	✓	.84 x .46	✓	✓		Double	7/8 3 1/2	3R x 2R	3/4 7/8 2 5/8 3 1/2	"	
FORECASTLE SIDE PLATING	✓	.42	✓	✓		Single	3/4 3	2R	3/4 2 5/8	"	

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b> <i>Sixteen</i>				
Extending to Upper Deck (Sec. 3 c) <i>Six</i>				
" Deck next below <i>Seven</i>				
As per Rule <i>✓</i>				
	Plating Thickness.	STIFFENERS.		STIFFENERS.
		VERTICAL.	HORIZONTAL.	
		Scantlings, Spacing.	Scantlings, Spacing.	
MIDSHIP BULKH'D, Upper tween decks				
" " Second "				
" " Third "				
" " Holds .....				
COLLISION " (in Hold) .....	.50/30	8 x 3 x .38	10 x 3 1/2 x .48	24
AFTER PEAK " .....	.45/30	8 x 3 x .40	10 x 3 1/2 x .52	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>	✓	✓	✓	✓
<b>STERN FRAME</b> { Propeller Post .....	Cast Steel	12 x 8"	Bochumer Verein of Bochum	
{ Rudder .....	Cast Steel	9 x 8 1/2"	Bochumer Verein of Bochum	
<b>RUDDER—A x D.....</b>				
<b>Speed of Vessel ... knots.....</b>				
<b>RUDDER</b> mainpiece at head ...				
" " heel ...				
" " how constructed .....				
" " double or single plate				
" " coupling, vertical or horizontal.....				

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>S.M. Open Hearth.</i>
	<i>Couslett Iron Co.; Dorman Long; Cargo Fleet; Pease &amp; Partners; Baldwin &amp; Co.; Appleby Iron Co.; Cleveland Steel Works; Steel Co. of Scotland; Cammell &amp; Co.; Roddingham Iron &amp; Steel Co.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>

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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 approved plans are forwarded with this report:

Midship Section.

Longitudinal Section.

Fore End Framing.

Keel and Centre Line Bulkhead.

Oil Fuel Tank.

Aft End Framing and Double Bottom in Engine Space.

Casing Scantlings.

Port Patent Rudder.

Stem Frame and Rudder Stock

Stem Frame

Scantlings of Topside Shell Plating, Decks, Expansion Tank Side (B).

Fly to above showing arrangement of Machinery.

Shell Brackets in forward Cofferdam.

Midship Section fly showing Compensation to Bottom Transverses.

Scantlings of Midship Deckhouses.

O.T. Bulkhead No. 43.

Do. No. 70 & 71.

Do. No. 43 & 44.

Moist Plan

Transverses 14, 18, 22 & 26.

45, 46 & 48.

59, 61 & 62.

64, 66, 67 & 69.

Note: This vessel is sister ship to M.V. "ATHELBEACH" Liverpool first entry report No. 98896.

This vessel, it is stated, sustained damage through contact with logs in river Mersey at the time of launching, 26<sup>th</sup> August 1930.

Damage repairs: Vessel placed in drydock.

Starboard Side, shell plate "F" No. 12 renewed.

Shell plate "F" No. 13 removed, joined and refitted.

1 shell longitudinal removed, joined and refitted.

1 Bulkhead Bracket renewed.

Cargo tanks Nos. 3, 4 & 5 satisfactorily tested.

Repairs necessary for carrying out the repairs replaced and made good as required.

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

1st Bower	Weight	39.3.4 cwt.	Initials	M.B.	Cert. No.	4174	Date	26 <sup>th</sup> May 1930.
2nd "	"	39.2.10 "	"	M.B.	"	4171	"	26 <sup>th</sup> May 1930.
3rd "	"	34.2.6 "	"	M.B.	"	4188	"	26 <sup>th</sup> May 1930.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 19.8 ft., R.Q.D. ✓ ft., Bridge 33.6 ft., Forecastle 42.8 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) 2 Dks (ste.)

Official No. 162327; Signal Letters W336; Is bottom of Vessel coated with cement yes. if not give particulars of composition.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	22.8	184
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	20.0	158
Double bottom, if under Engines only,	72.5	322	Deep tank, aft,	3.9	196
Double bottom, if under Boilers only,	✓	✓	Deep tank forward,	3.9	202
Double bottom, forward,	✓	✓	Other tanks, if fitted,	31.8	256

(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. 1243

Dates of Surveys held while building

1929. Dec 17. 1930. Jan 14. Feb 5. 12. 17. 20. 21. 26. Mar 5. 7. 13. 24. Apr 1. 4. 5. 11. 22. 25. 29. May 5. 8. 12. 16. 22. 28. June 2. 4. 5. 10. 12. 19. 20. 23. 24. July 12. 4. 7. 9. 10. 11. 14. 15. 16. 17. 18. 21. 23. 24. 25. 28. 29. 30. 31. Aug 1. 12. 13. 14. 15. 16. 19. 20. 21. 22. 26. 27. Sept 2. 15. 16. 24. 26. 30. Oct 1. 3. 6. 8. 10. 16. 20. 23. 24. 31. Nov 4. 7. 17. 20. 22. Dec 2. 16. 1931. Jan 2. 14. 19. 22. Mar 24. June 19

Date 19/12/29

Total No. of Visits 95

Rp 1\*.

#### PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Framing of <u>KEEL</u> .....	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Frames in Bridge 'tween Decks ...	7	3	34	7	3	34	7	3	34	7	3	34	7/8	5/8	✓	✓
Frames from Uppermost Continuous Deck No. 1	7 1/2	3 1/2	44	7 1/2	3 1/2	44	7 1/2	3 1/2	44	7 1/2	3 1/2	44	7/8	5/8	✓	✓
" 2	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 3	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 4	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 5	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 6	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 7	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 8	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 9	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 10	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 11	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 12	7 1/2	3 1/2	44	"	"	"	7 1/2	3 1/2	44	"	"	"	7/8	5/8	✓	✓
" 13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
" 14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
" 15	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
" 16	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spacing of Longitudinal Frames	Amidships 30			At Ends 30			Amidships 30			At Ends 30			✓			

CARGO TANKS	Double Bottoms	Transverses	Longitudinals	Amidships	At Ends	Transverses	Longitudinals	Amidships	At Ends
Double Bottoms	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transverses	15x4x4x.41/2	15x4x4x.41/2	15x4x4x.41	15x4x4x.41	7/8	5/8	✓	✓	✓
Longitudinals	30	30	30	30	✓	✓	✓	✓	✓
Spacing of Longitudinals	30	30	30	30	✓	✓	✓	✓	✓

Transverses.	Depth and Thickness	21x.38	✓	21x.38	✓	✓	✓	✓	✓
In Bridge	Face Angles	3 1/2 3 1/2 .40	✓	3 1/2 3 1/2 .40	✓	✓	✓	✓	✓
'tween Decks	Lugs to Shell*	3 1/2 3 1/2 .40	✓	3 1/2 3 1/2 .40	✓	✓	✓	✓	✓
In Upper 'tween Decks.	Depth and Thickness	24x.40	✓	24x.40	✓	✓	✓	✓	✓
	Face Angles	3 1/2 3 1/2 .40	✓	3 1/2 3 1/2 .40	✓	✓	✓	✓	✓
	Lugs to Shell*	3 1/2 3 1/2 .40	✓	3 1/2 3 1/2 .40	✓	✓	✓	✓	✓
In Hold.	Depth and Thickness	32x.46	✓	32x.46	✓	✓	✓	✓	✓
	Face Angles	7x3 1/2 x.58 SHORT TANK	✓	7x3 1/2 x.58 SHORT TANK	✓	✓	✓	✓	✓
	Lugs to Shell*	6 6 .46	✓	6 6 .46	✓	✓	✓	✓	✓
	Back Bars	✓	✓	✓	✓	✓	✓	✓	✓
	Brackets	✓	✓	✓	✓	✓	✓	✓	✓
Spacing of Transverse Frames	10'8 1/2 x 8'10 1/2 L.T.	10'8 1/2 x 8'10 1/2 L.T.	10'8 1/2 x 8'10 1/2 L.T.	10'8 1/2 x 8'10 1/2 L.T.	✓	✓	✓	✓	✓

Longitudinal Beams of <u>KEEL</u>	Bridge Deck	6 3 36	✓	6 3 36	✓	✓	✓	✓	✓
	Upper	7x3 1/2 x.38 LONG TANK	✓	7x3 1/2 x.38 LONG TANK	✓	✓	✓	✓	✓
	Second	7 1/2 x 3x.38	✓	7 1/2 x 3x.38	✓	✓	✓	✓	✓
	Third	✓	✓	✓	✓	✓	✓	✓	✓

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

50.11.23. T.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

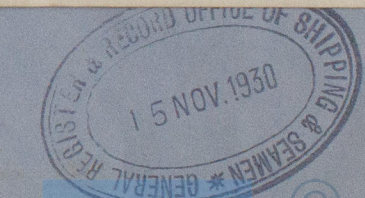
Name, Residence, and Description of Managing Owner if there are more owners than one.

The United Molasses Company Limited  
Bush House, Aldwych, London,  
Sixty-four shares.

Dated 5th November, 1930.

(265412) Wt. 2855/160 Gp. 144 2000 5.29 W & S Ltd.

W336-0048(313)



W336-0051  
W336-0052  
W336-0053