

RECEIVED

Rpt. 1  
12 JAN 1950

IN D.O.

## STEEL STEAMER OR MOTORSHIP.

Received at London Office 4 JAN 1950

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

Port of

Northwich (Liverpool) No. 130069

Survey held at

Northwich

Date First Survey

25/11/47

Last Survey

6/10/

1949

On the (State if Machinery fitted Aft and

M.V. MARBURY

State Type (Full Scantling, Complete Superstructure

100A Barge For River Estuary Service State Type of Erections None

TONNAGE under

Tonnage Deck ...

200.81Do. of space or spaces  
between Tonnage Dk.  
and Upper Dk.

Total

200.81

Gross Tonnage

230.97

Register Tonnage

114.11

## REGISTERED DIMENSIONS.

FEET

Length

100.1

Breadth

23.1

Depth

10.35

CLASS

100A Barge

State if with freeboard

No

as condition of Class

Length from fore part of stem to after part of stern  
post on summer L.W.L. See Sec. 3 (1a)100.50

Breadth (greatest moulded)

B 23.00Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c)D 11.25

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

Framing Depth "d," at middle of length. See  
Sec. 3 (1d)Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keelDo. Long Bridge to  
top of keel

Draught Moulded

8'-8 1/2"

Built at

Northwich

Launched

7th Oct 1948 Yard No. 688

Builders

Messrs J. Rumbold & Sons Ltd

Owners

Messrs Imperial Chemical  
Industries Ltd (Alkali Division)

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

Liverpool

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	<u>21</u> ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	<u>21</u> ✓		" " Reversed Frame		
" " in peaks	<u>21</u> ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E-1</u>	<u>4 2 1/2 .28</u> ✓		" " top Angles		
" " Extends up to <u>upper deck</u> ✓			" " bottom Angles		
Reversed Frame Amidships, Angle	<u>2 3/4 .25</u> <u>alternate</u> ✓		Side Girders, No. each side and thickness		
" " Extends up to <u>upper deck</u> ✓			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<u>4"</u> ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Rev. Frames in <u>amidships</u> <u>Uppermost Continuous</u> <u>between</u> <u>Decks, Angle, E-1</u>	<u>2 1/2 2 1/2 .26</u> ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " <u>Motor room</u> <u>Second Deck, Angle, E-1</u>	<u>3 2 .30 double</u> ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " <u>Third</u>			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	<u>4 2 1/2 .28</u> <u>OA</u> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>E-1</u>	<u>4 2 1/2 .28</u> ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	<u>5/8 @ 6 3/8"</u> ✓		Breadth and thickness of Middle Line Strake		
State if Frame Joggled	<u>No</u> ✓		Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>As approved</u> ✓		Are Rule requirements complied with regard- ing 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?	<u>As approved</u> ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E-1</u>	<u>4 1/2 3 .30</u> ✓	
Floors, Depth and thickness at mid-line in Holds	<u>1 1/4" x .28"</u> ✓		" " <u>Bridge, Angle, E-1</u>	<u>3 1/2 3 .26</u> ✓	
Height of Brackets at toe of frame base line at toe of frame	<u>.32"</u> ✓		" " Spacing	<u>21"</u> ✓	
Middle Line Keelson, on Floors, Angles,	<u>3 1/2 3 .30 double</u> ✓		Second Deck, amidships, Angle, <u>E or E</u>		
" " <u>Through Plate</u> Inter- costal Plate	<u>.26 except E &amp; R</u>		Spacing		
" " Foundation Plate on Floors	<u>✓</u>		Third Deck, amidships, Angle, <u>E or E</u>		
" " Flat Plate Keel <u>welded to shell</u> ✓			Spacing		
Side Keelsons, No. each side	<u>One</u> ✓		Fourth Deck, amidships, Angle, <u>E or E</u>		
" " thickness of Intercoastal Plate	<u>.25</u> ✓		Spacing		
" " Angles <u>Top</u> <u>3 1/2 3 .30 double</u> ✓			Poop Deck, Angle, <u>E or E</u>		
" " <u>Bottom welded to shell</u> ✓			Spacing		
DOUBLE BOTTOM.			Bridge Deck, Angle, <u>E or E</u>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, <u>E or E</u>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate					



## 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.
<i>For web frames in E.R. see plan</i> <b>PILLARS,</b> No. of Rows <i>Web frames</i> 18"x-26"						
Frames No. 33. wid 24"x25"x26 IL						
in 'tween Decks, Size and Spacing .....						
<i>Deep brackets fitted at</i> 48"x36"						
<i>frames "21, 27, 39 &amp; 45."</i> x-26"						
in Holds " " "						
Centre Line Bulkhead. Stiffeners and Spacing .....						
Plating, thickness of .....						
<b>STRINGERS AND DECKS.</b>						
Uppermost Continuous Deck.						
Stringer Plate, breadth and thickness in Wells		51"x30 chequer				
" " " " in way of Bridge						
" Angle in Wells .....		3 3 30				
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.....		✓				
<b>Second Deck.</b>						
Stringer Plate, breadth and thickness in Wells		✓				
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.....						
<b>Third Deck.</b>						
Stringer Plate, breadth and thickness.....						
If Plated, state thickness .....						
<b>Fourth Deck.</b>						
Stringer Plate, breadth and thickness.....						
If Plated, state thickness.....						
<b>Poop Deck.</b>						
Stringer Plate, breadth and thickness.....						
Plating, Sheathing, material and thickness ...						
<b>Bridge Deck.</b>						
Stringer Plate, breadth and thickness.....						
Plating, Sheathing, material and thickness ...						
<b>Forecastle Deck.</b>						
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.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jagged?	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	36	.38	.34	.34		Double	5/8	2 5/8"		Welded.		
Dblg. (if any)												
Bottom Plating, No. of Strakes ....2.....	52	.28	.25	.25		Single	5/8	2 5/8"	Double	5/8	2 1/4"	Lapped
Bilge Plating, No. of Strakes ....one.....	48	.28	.25	.25		Single	5/8	2 5/8"	Double	5/8	2 1/4"	Lapped
Side Plating, No. of Strakes ....one.....	50	.28	.25	.25		Single	5/8	2 5/8"	Double	5/8	2 1/4"	Lapped
Upper Deck, Sheer- strake in Wells.....	54	.30	.30	.30		Double	5/8	2 5/8"	Double	5/8	2 1/4"	Lapped.
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.

Total No. of W.T. BULKHEADS in Vessel—		Three ✓	
Extending to Upper Deck (Sec. 3 c)		Three ✓	
,, Deck next below		✓	
As per Rule		Three ✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	No 18 ✓ .30 ✓	6" x 3" x 36" ✓ 09	30" ✓ x 33" ✓	51" x 3" x 36" ✓	30" ✓
" " Second " "					
" " Third " "					
" " Holds .....					
COLLISION " (in Hold)	No 48 ✓ .30 ✓	6" x 3" x 36" ✓ 09	30" ✓ x 36" ✓	24" ✓ x 36" ✓	30" ✓
AFTER PEAK " "	No 4 ✓ .30 ✓	6" x 3" x 36" ✓ 09	33" ✓	24" ✓ x 36" ✓	30" ✓

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	<i>rolled</i>	$5" \times \frac{1}{4}"$		
STEM	<i>rolled</i>	$5\frac{1}{2} \times 1\frac{1}{8}"$		
STERN FRAME		$5\frac{1}{4} \times 2\frac{1}{2}"$		
Propeller Post		$5\frac{1}{4} \times 2\frac{1}{2}"$		
Rudder		$5\frac{1}{4} \times 2\frac{1}{2}"$		
Speed of Vessel		<i>under 10 knots</i>		
RUDDER—Type		<i>Ordinary</i>		
A × D		$3"$		
Diam. of head		$3\frac{1}{4}"$		
Mainpiece at top		$2\frac{3}{4}"$		
heel				
how constructed	<i>Re-welder</i>			
double or single plate		$.62"$		
coupling, vertical or horizontal		$12" \times 1\frac{1}{4}"$		

## STEEL.

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

Colvilles

Has the Steel been tested as required by the Rules ?..

Yes.

Lloyd's Register  
Foundation



3442

## CHAIN CABLES.

## HAWSERS AND WARPS.

## Alternative Means of Steering

Windlass Yarwood Hy double

Boats: 13.95 + 5.2 + 2.15 =

Cargo Battens, thickness, material and spacing *6" x 2" pine*

Thickness of Hatches  $2\frac{1}{2}$ " pine spacing

1511

Three @ 15" 30"

One fire & after 8" x 8" oak

FOR ISAAC PIMBLOTT & SONS LTD.

*Builder's Signature*

Director

AL 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.....

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 conformity with the Society's rules & regulations & the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The materials & workmanship are good.

The fire & after-park tanks & the oil fuel bunkers, decks, casings & bulkheads have been satisfactorily - test-ed.

The steering gear & winchless have been tried under working conditions & found satisfactory. ✓

The amount of Entry Fee

Forgings @ 1 of these

Special Survey Fee

*Travelling Expenses, if any*

Fees applied for,

22 DEC 1949

19

✓

Received by me,

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed

the Vessel should be Classed +100A Barge  
For river & Estuary service. ✓

Signature

Harry S. Newton  
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

+100A-

Barge for River &amp; Estuary Service

+LMC 10.49. O.C. OIL ENGINES

0094<sup>2/2</sup>



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 approved plans 7 in number are forwarded herewith  
The engine casings are constructed in light alloy.

PARTICULARS OF ELECTRIC WELDING (if employed) Keel butts, Bulkheads to shell in way of tanks  
oil fuel bunker butts & edges of plating, Minor deck fittings.

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

RADAR Equipment (State if fitted) ✓

State Type or Pattern No. ✓

State } Maker ✓  
Name } and/or ✓  
of } Supplier ✓

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

1st Bower

1 wt. 292 26 lbs. A.E.G. 1223. 29/4/48.

2nd "

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. 182484

Signal Letters

Extreme Breadth over Belting 23' 9 1/2" ✓

Over-all Length 105' 4 1/2" ✓

No. and Material of Decks

One - steel.

Parts of Bottom of Vessel coated with cement or approved composition

Cement in hold to top of floor, fore peak & after  
peak areas washed, engine room bitumastic enamel to upper turn of bilge

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,		27
Double bottom, under Engines and Boilers,			After peak tank,		17
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. 1393

Date 20/10/49

Dates of Surveys  
held while building

25/11/47 to 6/10/49



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Lloyd's Register  
Foundation

Total No. of Visits

57