

# **BARGE** **STEEL SAILING SHIP.**

No. **12735**  
24 SEP 1926

Port of Middlesbrough Date of completion of Report SEPT. 21<sup>ST</sup> 26. Received at London Office  
Survey held at Hubertson Hill in T.S. Date of First Survey 5th August/26 Last Survey 15th September 1926  
On the Seam Barge T. 17 Rig ✓

TONNAGE under  
Tonnage Deck

Do. of Poop

Do. of raised Qr.  
Deck

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Gross Tonnage

Less Crew Space

TONNAGE FOR FEES

Less Navigation spaces

Register Tonnage

as cut on Beam

CLASS STEEL BARGE CARRYING PETROLEUM IN BULK  
FOR SERVICE ON THE RIVER MAGDALENA.

Breadth (greatest moulded) 30.0

Depth, at middle of length, from top of keel to top of  
Upper Deck Beam, at side 7.0

Transverse Number ✓

Length, on deck from fore part of stem to after part of  
sternpost 125.0

Longitudinal Number ✓

Depth "d" at middle of length. (See Secs. 2 & 13.) ✓

Proportions, Depths to length, Upper Deck beam at  
side to top of keel ✓

Master

Year of Appointment ✓

Built at MIDDLESBROUGH.

When built 1926. Launched SEP 13<sup>TH</sup> 26.

By whom built FURNESS S.B.C. LTD.

Owners TROPICAL OIL CO DELAWARE.

Managers INTERNATIONAL PETROLEUM CO

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

Residence TORONTO CANADA.

Port belonging to

Destined Voyage RIVER MAGDALENA. If Surveyed while Building, Afloat, or in Dry Dock ✓

LENGTH on deck 125 Feet. 0 Inches. BREADTH Moulded 30 Feet. 0 Inches. DEPTH Top of Floors to Upper Deck Beams 6.79 Feet. 0 Inches. No. of Decks with Flat laid ONE  
as per rule. No. of Tiers of Beams ONE.

Dimensions of Ship per Register, Length, breadth, depth, Moulded depth, ft. 7 in. 0. Round up of Beam 3 ins.

FORGINGS AND CASTINGS. Inches in Ship. Inches per Rule. Or as Approved.

KEEL, Bar, depth and thickness.

STEM, moulding and thickness.

STERN-POST, do. do.

RUDDER—A x D\* Table 22

Main Piece, diameter at head

heel

RUDDER, how constructed.

Can the Rudder be unshipped afloat?

FRAMING. Inches in Ship. Inches per Rule. Or as Approved.

FRAME, Angles, E or L Bars, amidships

in peaks

Spacing of Frames from centre to centre, amidships

in peaks

REVERSED FRAME, Angles, amidships

in peaks

FRAMING, depth of girder

FLOORS, depth and thickness of Floor Plate

at mid line for 3 length amidships

thickness at the ends of vessel

depth at 3/4 the half breadth, as per Rule.

height extended at the Bilges

BEAMS, Upper Deck, Single Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Second or Lower Deck, Plate, Tee

Bulb or Channel

Angles on Upper Edge

Average space

BEAMS, Third or Orlop Deck, Plate, Tee

Bulb or Channel

Angles on Upper Edge

Average space

BEAMS, Poop Deck, Angle, Bulb Angle, Plate,

Tee Bulb or Channel

Angles on Upper Edge

Average space

BEAMS, Bridge Deck, Angle, Bulb Angle,

Plate, Tee Bulb or Channel

Angles on Upper Edge

Average space

BEAMS, Forecastle Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb or Channel

Angles on Upper Edge

Average space

PILLARS, In 'tween Decks, Size and spacing.

Hold

Quarter, 'tween Dks.

in Holds

WEB-FRAMES, Number and spacing

Breadth and thickness

No. of Side Stringers, breadth and thickness

Size of Face Angles to Web Frames

PARTIAL BULKHEADS, as per Sketch, page

147, No.

BRACKET PLATES to Stringers between

Web Frames, Depth and Thickness

KEELSONS AND STRINGERS. Inches in Ship. Inches per Rule. Or as Approved.

CENTRE LINE KEELSON, Vertical Plate above

Floors, Through Plate, or Intercoastal Plate

Rider Plate

Flat Keel Plate Angles

Horizontal Plates above floors

Angles or Bulb Angles

SIDE KEELSONS, Number

Angles or Bulb Angles

Plate above floors for lng.

Intercoastal Plate for Full lng.

Attached to outside Plating with Angle.

BILGE KEELSON, Angles or Bulb Angles

Plate above floors for lng.

Intercoastal Plates for lng.

Attached to outside Plating with Angle.

SIDE STRINGERS, Number

Angle

Intercoastal Plates for lng.

Attached to outside Plating with Angle.

Upper Deck Stringer Plate, breadth and

thickness

Angle on ditto

Tie Plates, fore and aft, outside Hatchways

Diagonal Tie Plates, No. of Prs.

Main Dk. Iron or Steel for Full len.

Wood Deck, Material and thickness

Second or lower Deck Stringer Plate, breadth

and thickness

Is the Stringer Plate attached to the Outside Plating?

Angles on ditto, No.

Tie Plates, outside Hatchways

Diagonal Tie Plates, No. of Prs.

Deck, Material and thickness

Third or Orlop Deck Stringer Plate

Is the Stringer Plate attached to the Outside Plating?

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck, Material and thickness

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Bridge Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thknss

Angle on ditto

Tie Plates

Deck, Material and thickness

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Spacing. Single Double Frames. Height up.

In Vessel. Per Rule. Inches. Inches. Inches. Inches.

W.T. BULKHEADS 4 28 ✓ 4 x 3 x 30 30 Double Upper Dk.

COLLISION

PARTITION

Are the outside Plates doubled two spaces of Frames in length?



PLATING.												RIVETING.											
AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.				BUTTS.											
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.		EDGES.		BUTTS.							
		Breadth.		Thickness.		Thickness.		Breadth.		Thickness.		Thickness.		Breadth.		Thickness.							
KEEL (Riveting)		77	32	32	32	77	122	DOUBLE	3 1/2	5/8	2 1/2	DOUBLE	5/8	2 1/2	✓	4 1/2	FULL						
GARBOARD OR A Strake		68 1/2	32	32	32	68 1/2	122								✓								
B "		68 1/2	32	32	32	68 1/2	122								✓								
C "			37	37	37		15								✓								
D "		68 1/2	32	32	32	68 1/2	122								✓								
E "																							
F "																							
G "																							
H "																							
J "																							
K "																							
L "																							
M "																							
N "																							
POOP OR R. Q. DECK SIDES																							
SHORT BRIDGE SIDES																							
FORECASTLE SIDES																							

Write "Sheerstrake" opposite to corresponding letter.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. ? *ANGLES, PHOENIX ART. STEEL FOR GERMAN LINO HUTTEN-BETRIEB, ABTEILUNG HOCHBEN VEREIN*

Plates *TANSEN STAHLWERKE ANTEGENSSELSCHEIT STAHL UND WALYNECKE, OPEN HEARTH PROCESS.*

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

Upper Deck Stringer Butts, *DOUBLE* riveted for *FULL* length amidship.

Plate *Straps*, single, double or overlapped for *✓* length amidship.

Butts of Side Stringers *✓* riveted.

Butts of Tie Plates *✓* riveted.

Centre Girder Butts, *DOUBLE* riveted. Keelsons Butts, *DOUBLE* riveted.

Frames, riveted through Plates with *5/8* in. Rivets, about *3 1/2* apart.

Rivets, state whether of Iron or Steel *Steel.*

FRAMES extend in one length from *Beams to Centre line of Main Deck.*

REVERSED FRAMES on floors and frames extend from *✓* middle line to *✓* and to *✓* alternately.

MASTS AND SPARS.												RIGGING.					
MASTS, &c.		MATERIAL.		Total Length.		DIAMETER AND THICKNESS AT—		No. of Plates in Round.		ANGLES.		RIVETING.		SHROUDS.		STAYS.	
				Feet. Ins.		Partners. Heel. Hounds. Head.		No. No. No. No.		Num. Size. Inches.		Seams. Butts.		No. Size. Ins.		No. Size. Ins.	
LOWER MASTS		Fore															
		Main															
		Mizen															
		Jigger															
BOWSPRIT		Fore															
		Main															
		Mizen															
		Jigger															
YARDS.		Fore				At Centre		At Ends									
		Main															
		Crossjack															
		Jigger															
FORE		Lower															
		Upper															
MAIN		Lower															
		Upper															
TOPSAIL		Lower															
		Upper															
YARDS.		Lower															
		Upper															
		Lower															
		Upper															
JIGGER		Lower															
		Upper															

Remainder of Spars

EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE FOR TRAWLERS		U. DE.	
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.	
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwts. qrs. lbs.	
1st Bower...									
2nd "									
3rd "									
Collective weight									
Stream									
Kedge									

CHAIN CABLES.												HAWERS AND WARPS.													
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		FATHOMS AND SIZE PER RULE.		Description.		Makers of Cables.		When and where tested, and Superintendent.		Material.		FATHOMS. SIZE.		Breaking Test of Steel Wire Towline.		FATHOMS AND SIZE PER RULE.	
								Supplied Per Rule.																	
Iron Steam Chain																									
Steel Wire																									

Boats

Pumps, Number

Windlass is

Number of Scuppers, and number and dimensions of Freeing Ports

Ceiling in Holds, thickness and material

Cargo Hatchways, How formed? *CAST STEEL COVERS ON MAINHOLDS 2 TO EACH TANK 17 1/2 DIA. Hatches, if strong and efficient?*

State size No. 1 Hatch (Forward) *No. 2 Hatch* *No. 3 Hatch*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

No. of Breasthooks

Main Rail, material and size

No. of Crutches

Topgallant Rail

Bulwarks, height above deck and description

The above is a correct description.

Builder's Signature (here only) *J. M. Gouven*

Surveyor's Signature *Cyril B. Seaver*

Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

1926. July 29<sup>th</sup> 30<sup>th</sup> Aug 9<sup>th</sup> 27<sup>th</sup> Sept 1<sup>st</sup>

Workmanship. Are the butts of plating planed or otherwise fitted? *Butts planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *No*

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? *Yes*

Have all upper and weather decks been tested as required by Rules (Sec. 26, par. 20)? *✓*

State results of test *✓*

Have all gutterways been tested as required by Rules (Sec. 26, par. 20)? *✓*

State results of test *✓*

General Remarks (State quality of workmanship, &c.)

*The workmanship & materials are good and in every way satisfactory*

*All Oil compartments tested as per Secretary's letter of the 9<sup>th</sup> Aug. & found good*

*The forward and after end compartments also tested & found good*

*Sister vessels T. 14, T. 15, T. 16, T. 18, Report No. 12731.2.3.6.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. *✓* ft., Bridge *✓* ft., Forecastle *✓* ft. (in feet and tenths). No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1 1/2 (5 1/2)*

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *✓* Outside *Paint*

Order for Special Survey No. *420*

Date *24.8.26.*

Order for Ordinary Survey No.

Date

No. in builder's yard

DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought

2nd. On the plating during the process of riveting

3rd. When the decks were in and fastened, and before the decks were laid

4th. When the ship was complete, and before the plating was finally coated or cemented

5th. After the ship was launched and equipped

Fees applied for, *19*

The amount of Entry Fee *£285*

Special Survey Fee *£285*

Travelling Expenses, if any *£*

Received by me, *2.11.1926*

I am of opinion this Vessel should be Classed *Swim Barge Carrying Petroleum in Bulk for Service on the River Magdalena.*

With, or without Freeboard, as condition of Class *No freeboard assigned.*

Committee's Minute

Character assigned *A-*

*Swim Barge carrying Petroleum in bulk for Service on the River Magdalena*

TUES. 28 SEP 1926

*Cyril B. Seaver*

Surveyor to Lloyd's Register of Shipping.

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