

STEEL ~~SAILING~~ ^{BARGE} SHIP.

No. 12731

Port of MIDDLESBRO' Date of completion of Report *Sep. 15th 26.* Received at London Office *11 Sep. 1926*
 Survey held at *Haverston Hill* Date of First Survey *5th August 26.* Last Survey *10th September 1926*
 On the *Steel Trench Barge* T. 14.

TONNAGE under Tonnage Deck
 Do. of Poop
 Do. of Forecastle
 Do. of Bridge House
 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 *A. Barge "Carrying Petroleum"*

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
 Destined Voyage *River Magdalena.* If Surveyed while Building, Afloat, *in Dry Dock*

Rig
 Master
 Year of Appointment
 Built at *Haverston Hill-on-Lus.*
 When built *1926.* Launched *Sep. 8th 26.*
 By whom built *Messrs. J. B. C. & Co.*
 Owners *Esso Petroleum Co.*
 Managers *International Petroleum Co.*
 (Where necessary to be entered in Reg. Book.)
 Residence *Toronto Canada.*
 Port belonging to

LENGTH on deck as per rule *125* Feet. *0* Inches. BREADTH Moulded *30* Feet. *0* Inches. DEPTH Top of Floors to Upper Deck Beams *6* Feet. *7 7/8* Inches. No. of Decks with Flat laid *one* No. of Tiers of Beams *one*
 Dimensions of Ship per Register, Length, *Not measured by the Board of Trade* breadth, *Not measured by the Board of Trade* depth, *Not measured by the Board of Trade* 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 in Ship. Inches in Ship. Inches per Rule. Or as Approved.
 FRAME, Angles, 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 1/2 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 Channel Pillars
 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 148, No. *as per approved plan*
 BRACKET PLATES to Stringers between Web Frames, Depth and Thickness

KEELSONS AND STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule. Or as Approved.
 CENTRE LINE KEELSON, Vertical Plate above Deck, 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
 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, breadth & thickness
 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* *5 4/8 x 3/16* *30* *Double Upper Bulk*
 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.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Triple riveted for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth Inches.	Thickness Inches.	Thickness Inches.	Thickness Inches.	Breadth Inches.	Thickness Inches.	Diam. Inches.	Spacing or to cr. Inches.			Diam. Inches.	Spacing or to cr. Inches.		Breadth Inches.	Thickness Inches.	Breadth Inches.	For what Length Feet.		
KEEL (Riveting)	77	32	32	32															
GARBOARD OF A Strake	68 1/2	32																	
B "		32																	
C "	68 1/2	32	32	32															
D "																			
E "																			
F "																			
G "																			
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
POOP OR R. Q. DK. SIDES																			
SHORT BRIDGE SIDES																			
FORECASTLE SIDES																			

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, ACT. GEE, FURBER & CO. LONDON. HUTTEN BETRIEB ABTEILUNG HOERDER VEREIN. PLATES THYSSEN STAHLWERKE AKTIENGESELLSCHAFT. STAHL UND WALZWERKE. (Open Hearth Steel)*

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

Upper Deck Stringer Plate *Butts, triple riveted for full length amidship.*

Butts of Side Stringers *Straps, single, double or overlapped for full length amidship.*

Butts of Tie Plates *Butts, triple riveted for full length amidship.*

Centre Girder Butts. *Double riveted.* Keelsons Butts. *Double riveted.*

Frames, riveted through Plates with *5/8* in. Rivets, about *3 3/4* apart.

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

FRAMES extend in one length from *Side to side & from Side to Centre Line Bulkhead.*

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

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

Remainder of Spars.

EQUIPMENT NO. LETTER										ANCHORS.										TONNAGE FOR TRAWLERS									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQ. PER RULE			Description of Anchor.	Makers.	Where and when tested and Superintendent.												
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.															
	1st Bower																												
	2nd "																												
	3rd "																												
	Collective weight																												
	Stream																												
	Kedge																												

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	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.														

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 ?— *Flush cast steel covers 2 to each tank 19 ft. dia.* Hatches, if strong and efficient ? *Yes*

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

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 3 Hatch*

Bulwarks, height above deck and description *No. of Crutches*

The above is a correct description. *✓*

Builder's Signature (here only.) *Goldsbrough*

Steering Gear *✓*

Diameter of Barrel and Tail Pipe *✓*

Capstan *Hand One forward & one aft.*

No. of Breasthooks *✓*

Main Rail, material and size *✓*

Topgallant Rail *✓*

Surveyor's Signature *Carl M. Seaver*

Surveyor to Lloyd's Register of British and Foreign Shipping.

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

1926. July 29th 30th Aug. 9th 27th Sept. 15th

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

Butts planed.

Is the riveted work properly closed?

Yps

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

Yps

to plate, &c., conform well to each other?

Yps

from the faying surfaces?

Yps

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

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 ~~stopped~~ lapped?

Yps

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 9th Aug. Found good
The Forward and After end compartments also tested Found good.

Copies of the approved plans are in the London Office

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., F'castle ✓ 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) 10* (54)

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

Contract 114

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

1926. Aug. 5. 9. 10. 12. 13. 16. 24. 25. 26. 27. 28. 30. Sept. 8. 10

Total No. of Visits 14

The amount of Entry Fee

Special Survey Fee

Travelling Expenses, if any £

Fees applied for,

19

Received by me,

2. 11. 1926

Certificate to be sent to

MIDDLESBROUGH

14/10/26

I am of opinion this Vessel should be Classed + "A" Barge Carrying Petroleum in Bulk for service on the River Magdalena.

With, or without Freeboard, as condition of Class

No. of Tiers assigned

Cyril B. Lewis.

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUES. 21 SEP 1926

Character assigned

A-

Swim Barge
Carrying petroleum in bulk
for service in the River Magdalena

mg



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Foundation

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