

## STEEL SAILING SHIP.

No. 90,270

Port of London Date of completion of Report 14 JULY 1926 Received at London Office 14 JULY 1926  
 Survey held at Grith Date of First Survey 6 August 1925 Last Survey 9 Aug 1926  
 On the Petroleum Tank Barge "FASTONE" Rig 1926

TONNAGE under  
Tonnage Deck

Do. of Poop  
 Do. of raised Q.  
 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 A1

FEET.

Breadth (greatest moulded) 21-0Depth, at middle of length, from top of keel to top of Upper Deck Beam, at side 8-0

Transverse Number

Length, on deck from fore part of stem to after part of sternpost 87-0

Longitudinal Number

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

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

Destined Voyage

Master

Year of Appointment

Built at GrithWhen built 1926 Launched JulyBy whom built General Phosphate & Supply Co. Ltd.Owners General Phosphate & Supply Co. Ltd.

Managers

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

Residence 28 High Street GrithPort belonging to LondonIf Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on deck as per rule 87 Feet. Inches. BREADTH Moulded 21 Feet. Inches. DEPTH Top of Floors to Upper Deck Beams 7 Feet. Inches. No. of Decks with Flat laid One No. of Tiers of Beams

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

Inches in Ship.

Inches in Ship.

FRAME, Angles, C or L Bars, amidships 5 2 1/2 40 5 2 1/2 40in peaks 18 3 3 3/8 3 3 3/8Spacing of Frames from centre to centre, amidships 18 18in peaks 18 18

REVERSED FRAME, Angles, amidships

in peaks

FRAMING, depth of girder 5 5FLOORS, depth and thickness of Floor Plate at mid line for  $\frac{3}{4}$  length amidships 5 2 1/2 40 5 2 1/2 40

thickness at the ends of vessel

depth at  $\frac{3}{4}$  the half breadth, as per Rule

height extended at the Bilges

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 3 2 1/2 5/16 3 2 1/2 5/16

Angles on Upper Edge

Average space 18 18

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

in Holds

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 in Ship.

Inches in Ship.

Inches in Ship.

Inches in Ship.

Inches in Ship.

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 Two each sideAngles or Bulb Angles 1 1/2 6 x 3 x 3/4 40 6 x 3 x 3/4 40

Plate above floors for lng.

Intercoastal Plate for 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 25 25

Angle on ditto

Tie Plates, fore and aft, outside Hatchways 3 1/2 x 3 1/2 x 3/8 3 1/2 x 3 1/2 x 3/8

Diagonal Tie Plates, No. of Prs.

Main Dk.\* Iron or Steel for full len. 25 36 25 36

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 &amp; thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Bridge Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Forecastle Deck Stringer Plate, breadth &amp; 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.

In Vessel.

Per Rule.

Thickness.

Inches.

Horizontal.

Vertical.

Spacing.

Single or Double Frames.

Height up.

W. T. BULKHEADS 2 25 3 1/2 x 2 1/2 x 5/16 Single U. Dk.COLLISION " @ 20"PARTITION "Are the outside Plates doubled two spaces of Frames in length? No.



PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

Ordinary or Joggled?

BUTTS.

RIVETS.

STRAPS.

IF LAPPED.

KEEL (Riveting)

GARBOARD OF A Strake

B

C

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.?

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

Upper Deck Stringer

Plate

Butts of Side Stringers

Butts of Tie Plates

Centre Girder Butts,

Frames, riveted through Plates with

Rivets, state whether of Iron or Steel

MASTS AND SPARS.

MASTS, &c.

LOWER MASTS

BOWSPRIT

TOPMASTS

YARDS.

LOWER YARDS

TOPSAIL YARDS.

Remainder of Spars

RIGGING.

SHROUDS.

STAYS.

QUALITY

SAILS.

Suit of

Sails, and

the following Spare Sails.

EQUIPMENT No.

LETTER

ANCHORS.

TONNAGE FOR TRAWLERS

U. Dk.

Number of Certificate.

Anchor.

WEIGHT, EX. STOCK

WEIGHT OF STOCK

TEST, PER CERTIFICATE.

WEIGHT REQ. PER RULE

Description of Anchor.

Makers.

Where and when tested and Superintendent.

CHAIN CABLES.

HAWSERS 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.

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?

State size No. 1 Hatch (Forward)

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

Bulwarks, height above deck and description

The above is a correct description.

Builder's Signature (here only.)

Steering Gear

Diameter of Barrel and Tail Pipe

Capstan

Ceiling 'tween Deck, thickness and material

Hatches, if strong and efficient?

No. 3 Hatch

No. of Breasthooks

Main Rail, material and size

No. of Crutches

Topgallant Rail

Surveyor's Signature

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)

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

Is the riveted work properly closed? *Yes*

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

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

from the faying 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)? *Yes*

State results of test *Good*

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

State results of test *Good*

General Remarks (State quality of workmanship, &c.) *This barge has been built in accordance with the approved plans and Secretary's letter and in conformity with the regulation of the Port of London Authority.*

*The workmanship and materials are good.*

*Two tanks of a capacity of 7200 cubic feet built in accordance with approved plans have been fitted. The tanks were tested with satisfactory results.*

*Sister vessel P.T.B. "ESTONE"*

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) *One steel deck*

Official No. ; Signal Letters

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

Outside *Paint*

Order for Special Survey No.

Date *6.4.26*

Order for Ordinary Survey No.

Date

No. *21* 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

*1925: AUG 6. NOV 17. DEC 22*  
*1926: JAN 6. APR 17. 13. JUNE 15. JULY 9*

Total No. of Visits *9*

The amount of Entry Fee .....£

Special Survey Fee.....£ *12 : 12 : 0*

Travelling Expenses, if any £ *1 : 12 : 11*

Fees applied for,

*10 July 1926*

Received by me,

*16.7.1926 MSW*

*Hull*

Certificate to be sent to

*Builders*

*19/7/26*

I am of opinion this Vessel should be Classed

*A1 Swain barge carrying petroleum in portable tanks. For service on River Thames and Estuary.*

With, or without Freeboard, as condition of Class

*A. W. Glashan.*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

*FRI 16 JUL 1926*

*A1 Swain Barge carrying Petroleum in Portable Tanks for service on the River Thames & Estuary.*  
*Lloyd's A.C.P.*

*MSW*



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