

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office, 5 JAN. 1923

Date of completion of report 3rd Jan. 1923
Survey held at Bowes
State if Report is also sent on the Machinery of the Vessel Yes
Port of Southampton
Date, First Survey Aug. 10th
Last Survey December 15 1922
No. 11430
Rig Pole mast.

On the (State if Single, Twin or Triple Screw)

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk. 37.08
Do. of Poop
Do. of R.Q. Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of Engine Room...
Gross Tonnage 41.13
Less Crew Space
Less above Crown of Engine Room...
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces
Register Tonnage 19.07
as cut on Beam...

CLASS A. 1. For River & Harbour Purposes only

Breadth (greatest moulded) 14.0
Depth, at middle of length from top of keel to top of upper deck beams at side 5.25
Transverse Number 19.25
Length on deck from fore part of stem to after part of stern post 68
Longitudinal Number 1309
Depth "d," at middle of length (See Secs. 2 & 13) 4.58
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.95
" " Long Bridge Deck Beam at side to top of keel

Master
Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19
Built at Bowes
When built 1922 Launched 11th Dec. 1922
By whom built J. S. White & Co. Ltd.
Owners British Petroleum Co. Ltd.
Managers Anglo Persian Oil Co. Ltd.
Residence
Port belonging to London Manchester.

Destined Voyage Port Ellesmere If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule 68
BREADTH Moulded 14.0
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 4.65
Do. do. do. do. Second Dk. Beams
Moulded depth, ft. 5 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 3 1/2 ins.
To Upper Dk.
Dimensions of Ship per Register, Length 68.0 breadth 14.1 depth 4.85 Moulded depth, ft. 5 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 3 1/2 ins.

FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	Inches per Rule Or as Approved
FRAME, Angles, or Bars amidships	3 1/2	2 1/2	24	3 1/2	2 1/2	24	PILLARS In 'tween Deck, size and spacing				
" " in peaks	✓						" " Hold				
" " in way of Double Bottoms at Solid Floors	✓						" " Quarter 'tween Dks.				
" " at intermdt. Bkts.	✓						" " in Hold				
" " of Frames from centre to centre amidships							KEELSONS & STRINGERS				
" " length to Collision bulkhead	20 1/2	✓		20 1/2	✓		CENTRE LINE KEELSON, Vertical Plates above		22	✓	22
" " in peaks	20 1/2	✓		20 1/2	✓		" " Through Plates, or Intercoastal Plate				
USED FRAME, Angles	24	✓		24	✓		" " Rider Plate	2 1/2	2 1/2	24	2 1/2
" " in way of Double Bottoms at Solid Floors	24	✓		24	✓		" " Flat Plate Keel Angles	2 1/2	2 1/2	24	2 1/2
" " at intermdt. Bkts.	✓						" " Horizontal Plates on Floors	3	2 1/2	24	3
ING, depth of girder	3 1/2	✓		3 1/2	✓		" " Angles or Bulb Angles	3	2 1/2	24	3
RS, depth and thickness of Floor Plate	8 1/2	✓		8 1/2	✓		SIDE KEELSONS, Number	2 1/2	2 1/2	25	2 1/2
" " at mid-line for 1/2 length amidships	26	✓		26	✓		" " Angles or Bulb Angles	2 1/2	2 1/2	25	2 1/2
" " in way of Engine and Boiler Spaces	✓						" " Plate above floors, for length				
thickness at the ends of vessel	22	✓		22	✓		" " Intercoastal Plate, for full length	24	2 1/2	22	24
depth at 1/2 the half breadth, as per Rule	level on top						" " Attached to outside Plating with Angle	✓			
height extended at the Bilges	"						BILGE KEELSON, Angles	✓			
RS in Cell. Double Bottoms							" " Intercoastal Plate for length	✓			
state if flanged (top & bottom)							" " Attached to outside Plating with Angle	✓			
Spacing of Solid floors							SIDE STRINGERS, Number	✓			
FREE GIRDER, in Dbl. bottom, dpth. & thcknss.							" " Angle	✓			
" " Angles, Top							" " Intercoastal Plate, for length	✓			
" " Bottom							" " Attached to outside plating with Angle	✓			
" " to Floors							Upper Deck Stringer Plate, br'dth & thickness	30	24/22	30	24/22
Brackets at intermdt. frmg., wdth & thcknss							" " (clear of Bridge)				
BE GIRDERS, number on each side & thickness							" " br'dth & thickness	4 x 4 x 38	✓	4 x 4 x 38	✓
state if flanged (top and bottom)							" " (in way of Bridge)	22 x 2 1/2	24	22 x 2 1/2	24
" " Angles (top and bottom)							" " Angle (clear of Bridge)	✓			
" " to Floors							" " Tie Plate at sides of Hatchways	✓			
BRGIN PLATE, depth (exclusive of flange) and thickness							" " Deck * Iron or Steel, for full lng.	22/20	✓	22/20	✓
" " Angle to Outside Plating							" " Thickness (clear of Bridge)	✓			
" " Floors							" " (in way of Bridge)	✓			
Brackets at intermdt. frmg., wdth & thcknss							Wood Deck, Material & thickness	✓			
Height of Outside Brackets above at bilge							Second Deck Stringer Plate, br'dth & thickness				
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" " Angles on ditto, No.				
" " in Engine and Boiler space							" " Tie Plates outside Hatchways				
" " Remainder in Holds							" " Deck * Iron or Steel, for lng.				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3	2 1/2	24	3	2 1/2	24	" " Wood Deck, Material & thickness				
" " In way of Long Bridge	2 1/2	2 1/2	24	2 1/2	2 1/2	24	Third Deck Stringer Plate, br'dth & thickness				
" " Spacing	20 1/2	✓		20 1/2	✓		" " Angles on ditto, No.				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Tie Plates outside Hatchways				
" " Spacing							" " Deck * Material and thickness				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" " Angles on upper edge							" " Angles on ditto, No.				
" " Spacing							" " Tie Plates outside Hatchways				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Deck, Material & thickness				
" " Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness				
" " Spacing							" " Angle on ditto				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Tie Plates				
" " Angles on upper edge							" " Deck, Material and thickness				
" " Spacing							Bridge Deck Stringer Plate, br'dth & thickness				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Angle on ditto				
" " Angles on upper edge							" " Tie Plates				
" " Spacing							" " Deck, Material and thickness				

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing brdth. & thickness. WEB-FRAMES, In After Body, No. and spacing brdth. & thickness. No. of Side Stringers. Size of Face Angles to Web-Frames. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

BULKHEADS. Number, Vessel, Rule, Thickness, Inches, Horizontal, Spacing, Size, Vertical, Spacing, Single or Double Frames, Height up, state deck.

STIFFENERS. Horizontal, Spacing, Size, Vertical, Spacing, Single or Double Frames, Height up, state deck.

FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D Table 22. Speed. Main-Piece, diameter at head. at heel.

RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? 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, Plating, &c.?

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING.

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

FRAMES extend in one length from Keel to upper Deck. REVERSED FRAMES on floors and frames extend from main floor in main space.

MASTS, SPARS, &c. LOWER MASTS. Fore, Main, Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of.

EQUIPMENT No. LETTER ANCHORS. TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS.

Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent.

1st Bower. 2nd. 3rd. 4th. Collective weight. Stream. Kedg.

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

CHAIN CABLES. HAWSERS AND WARPS. Number of Certificate. Length and size supplied. Test per Certificate. Weight of Chain Cable. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire. Length and size per Table 31.

Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. State whether they are in efficient working order. Windlass is. Capstan. Engine Room Skylights. How constructed? What arrangements for deadlights in bad weather? Coal Bunker Openings. How constructed? How are lids secured? Height above deck? Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Cargo Battsens, thickness and material. Hatches, If strong and efficient? Cargo Hatchways. How formed? No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. State size. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. No. of Crutches. Deep floors.

Bulwarks, height above deck and description. Main Rail, material and size. The foregoing is a correct description of. Surveyor's Signature. Builder's Signature (here only). Managing Director. Secretary's Letter.

Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? State results of tests. General Remarks (State quality of workmanship, &c.).

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.

for River & Harbour purposes. Carrying petroleum in bulk. L.L.M. & Co. P. J. M. + L.M.B. 12.22. Paraffin Motor.

GENERAL REMARKS—(continued).

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 is joined to the B.D., this should be distinctly stated ✓

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 should appear in the Register Book) *one dk (sk)*

Official No. ; Signal Letters State if Machinery is fitted aft *machinery aft.*

How are the surfaces preserved from oxidation? Inside *Paint cement outside tanks* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		✓	Fore peak tank,		✓
Double bottom, under Engines and Boilers,		✓	After peak tank,		✓
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 capacity of double bottom			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules ✓

Order for Special Survey No.

Date

No.

1592 in builder's yard.

DATES of Surveys held while building

Aug. 18. 24. 29. Sept. 4. 7. 25. Oct. 2. 10. 13. 20. 30. Nov. 6. 13. 22. 29. Dec. 5. 15

Surveyor's Signature

John A. Lawson

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