

With or Without

STEEL STEAMER.

WED. 19 DEC. 1917

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel *Yes*

Received at London Office

Date of completion of report *13th Dec 1917*
Survey held at *Glasgow*

Port of *Glasgow*

Date, First Survey *28th Dec. 1915* Last Survey *8th Dec. 1917*

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

T. S. S. "MARCHA"

Rig *None*

TONNAGE under 6830.68

CLASS *PA 100 A1*

Master *E. H. Hamlyn*

Tonnage Deck... 6830.68

Breadth (greatest moulded) *58.0*

Year of appointment *1917*

Do. between Tonnage Dk. and 3rd and 4th Dk. 156.38

Depth, at middle of length from top of keel to top of upper deck beams at side *35.5*

Built at *Glasgow*

Total under Upper Dk. 6830.68

Transverse Number *93.6*

When built *1917* Launched *Aug. 31st 1917*

Do. of Poop 561.51

Length on deck from fore part of stem to after part of stern post *450.0*

By whom built *Barclay Currie & Co. Ltd.*

Do. of Bridge House 60.41

Longitudinal Number *42075*

Owners *British India S. N. Co. Ltd.*

Do. of Houses on Dk. 628.70

Depth "d," at middle of length (See Secs. 2 & 13) *20.10*

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

Do. of excess of Hatchways 20.21

Proportions—Depth to Length—Upper Deck Beam at side to top of keel *12.67*

Residence *London*

Do. above Crown of Engine Room 2642.52

" " Long Bridge Deck Beam at side to top of keel *10.34*

Port belonging to *Glasgow*

Gross Tonnage 8257.89

Destined Voyage *✓* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Less Crew Space 367.23

Do. above Crown of Engine Room 7890.66

TONNAGE FOR FEES.. 2642.52

Do. Engine Room 157.31

Do. Navigation Spaces 5090.83

Register Tonnage as cut on Beam

Length on Deck as per Rule 450 0

Breadth Moulded 58 0

Depth, Actual—Top of Floors to top of Upper Dk. Beams 43 6

Do. do. do. do. Second Dk. Beams 21 9 1/2

No. of Decks with flat laid 2

No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 450.0 breadth 58.25 depth 32.75

Moulded depth, ft. 43 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 ins.

Moulded depth, ft. 35 ins. 6 To Upper Dk.

FRAMING.

FRAME, Angles or L Bars amidships 8 3 1/2 48 8 3 1/2 48

Do. in peaks 7 3 1/2 42 7 3 1/2 42

Do. in way of Double Bottoms at Solid Floors 4 3 1/2 42 4 3 1/2 42

" " at intermdt. Bkts. 27 27

Spacing of Frames from centre to centre amidships 27 27

" " length to Collision bulkhead 24 24

" " in peaks 7 3 1/2 50 7 3 1/2 50

REVERSED FRAME, Angles 4 3 1/2 42 4 3 1/2 42

Do. in way of Double Bottoms at Solid Floors 4 3 1/2 42 4 3 1/2 42

" " IN ENGINE SPACE at intermdt. Bkts. 11 11

FRAMING, depth of girder 11 11

FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 46 56 46 56

" " in way of Engine and Boiler Spaces 46 56 46 56

" " thickness at the ends of vessel 46 56 46 56

" " depth at 1/2 the half breadth, as per Rule 46 56 46 56

" " height extended at the Bilges 46 56 46 56

FLOORS in Cell. Double Bottoms 46 56 46 56

" " state if flanged (top & bottom) 46 56 46 56

" " Spacing of Solid floors 46 56 46 56

CENTRE GIRDER, in Dbl. bottom, dpth. & thickness 46 56 46 56

" " Angles, Top 46 56 46 56

" " Bottom 46 56 46 56

" " to Floors 46 56 46 56

" " Brackets at intermdt. frmg., width & thkns 46 56 46 56

SIDE GIRDERS, number on each side & thickness 9 3 1/2 52 9 3 1/2 52

" " BULB ANGLES state if flanged (top and bottom) 9 3 1/2 52 9 3 1/2 52

" " Angles (top and bottom) 6 3 40 6 3 40

" " to Floors 6 3 40 6 3 40

MARGIN PLATE, depth (exclusive of flange) 43 50 43 50

" " and thickness 4 4 50 4 4 50

" " Angle to Outside Plating 3 1/2 3 1/2 44 3 1/2 3 1/2 44

" " Floors 46 56 46 56

" " Brackets at intermdt. frmg., width & thkns 46 56 46 56

" " Height of Outside Brackets above at bilge 46 56 46 56

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 46 56 46 56

" " in Engine and Boiler space 46 56 46 56

" " Remainder in Holds 46 56 46 56

BEAMS, Upper Deck, Single Angle, Bulb 10 3 1/2 3 1/2 44 10 3 1/2 3 1/2 44

" " Angle, Plate, Tee Bulb, or Channel 10 3 1/2 3 1/2 44 10 3 1/2 3 1/2 44

" " In way of Long Bridge 54 54

" " Spacing 54 54

BEAMS, Second Deck, Single Angle, Bulb 12 4 4 62 12 4 4 62

" " Angle, Plate, Tee Bulb, or Channel 54 54

" " Spacing 54 54

BEAMS, Third and Fourth Deck, Single Angle, Bulb 9 3 1/2 3 1/2 46 9 3 1/2 3 1/2 46

" " Angle, Plate, Tee Bulb, or Channel 9 3 1/2 3 1/2 46 9 3 1/2 3 1/2 46

" " Angles on upper edge 54 54

" " Spacing 54 54

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 10 3 1/2 54 10 3 1/2 54

" " Angles on upper edge 54 54

" " Spacing 54 54

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 11 3 1/2 3 1/2 52 11 3 1/2 3 1/2 52

" " Angles on upper edge 54 54

" " Spacing 54 54

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 11 3 1/2 3 1/2 52 11 3 1/2 3 1/2 52

" " Angles on upper edge 54 54

" " Spacing 54 54

PILLARS.

PILLARS, In 'tween Deck, size and spacing 2 Rows of wide spaced pillars

" " Hold " " a girder as per plan

" " Quarter 'tween Dks., " "

" " in Hold " "

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate

" " Rider Plate

" " Flat Plate Keel Angles

" " Horizontal Plates on Floors

" " Angles or Bulb Angles

SIDE KEELSONS, Number

" " Angles or Bulb Angles

" " Plate above floors, for length

" " Intercostal Plate for length

" " Attached to outside Plating with Angle

BILGE KEELSON, Angles

" " Intercostal Plate for length

" " Attached to outside Plating with Angle

SIDE STRINGERS, Number

" " Angle

" " Intercostal Plate, for length

" " Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) 84 62 84 62

" " " " br'dth & thickness 76 48 76 48

" " " " (in way of Bridge) 5 5 74 5 5 74

" " " " Angle (clear of Bridge) 5 5 74 5 5 74

" " Tie Plate at sides of Hatchways

" " Deck * Iron or Steel, for full lng. 46 46

" " Thickness (clear of Bridge) 46 46

" " (in way of Bridge) 40 40

" " Wood Deck, Material & thickness 5 5 74 5 5 74

Second Deck Stringer Plate, br'dth & thickness 87 46 87 46

" " Angles on ditto, No. 2 4 4 50 4 4 50

" " Tie Plates outside Hatchways

" " Deck * Iron or Steel, for full lng. 40 40

" " Wood Deck, Material & thickness

Third Deck Stringer Plate, br'dth & thickness

" " Angles on ditto, No.

" " Tie Plates, outside Hatchways

" " Deck * Material and thickness

Fourth and Fifth Deck Stringer Plate, breadth & thickness

" " Angles on ditto, No.

" " Tie Plates outside Hatchways

" " Deck, Material & thickness 38 36 38 36

Poop Deck Stringer Plate, breadth & thickness 3 1/2 3 1/2 36 3 1/2 3 1/2 36

" " Angle on ditto 24 40 24 40

" " Tie Plates 2 1/2 Teal 2 1/2 Teal

" " Deck, Material and thickness 84 54 84 54

Bridge Deck Stringer Plate, br'dth & thickness 5 5 64 5 5 64

" " Angle on ditto 44 44

" " Tie Plates 2 1/2 Teal 2 1/2 Teal

" " Deck, Material and thickness 38 36 38 36

Forecastle Deck Stringer Plate, b'dth & th'kns 3 1/2 3 1/2 36 3 1/2 3 1/2 36

" " Angle on ditto 30 30

" " Tie Plates 2 1/2 Teal 2 1/2 Teal

" " Deck, Material and thickness

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

GENERAL REMARKS—(continued).

Additional cables.

Number of Certificates	Length	Diam.	Test.		Weight C. Q. lbs.	Description	Maker	Tested.
			Statutory	Breaking				
54935	15 fms.	2 1/16"	106 9/10	149 5/8	44.2.14	Stud.	Hingley Bros.	Neth. 9.3.16. 10 Reg
54936	"	"	"	"	44.3.8	"	"	" 9.3.16 "
54937	"	"	"	"	44.3.3	"	"	" 9.3.16 "
54938	"	"	"	"	44.2.3	"	"	" 9.3.16 "
54983	7 fms.	"	"	"	22.3.9	"	"	" 12.4.16 H. Green
54984	"	"	"	"	22.3.4	"	"	" 12.4.16 "

Plans to be
retained

Copy Midship Section
4 plans deck houses
Thrust & tunnel recess girders
2 plans shaft tunnels &c.
2 Pumping plans
Afterships stiffening bulkheads
Profile.

Plans to be returned
Glasgow for 516.

Boss framing
Midship Section 513 & 516
Part " " 515 & 6
2 plans aft peak Bld
Painting arrangements
Dwelling stern post
Stern post & ruddies.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44 ft., R.Q.D. ✓ ft., Bridge 160.75 ft., Forecastle 41.5 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 it should appear in the Register Book) 2 Decks (steel) Upper Teak sheathed

Official No. ; Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Paint & cement Outside Paint

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

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	135	511		Fore peak tank,	22	124	
Double bottom, under Engines and Boilers,				After peak tank,	16	70	
Double bottom, if under Engines only,	29	147		Deep tank, aft,			
Double bottom, if under Boilers only,	40.6	209		Deep tank, forward,			
Double bottom, forward,	187	735		Other tanks, if fitted, Fresh water		47	
Total capacity of double bottom		1602		(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. Yes

Order for Special Survey No. 5094

Date 11-4-14

No. 515 in builder's yard.

DATES of Surveys held while building

1915 Dec. 29, 29, 30, 1916 Feb. 4, 9, May 24, July 4, 6, 11, 18, Aug. 8, Sep. 6, 15, Oct. 3, 12, 24, 31, Nov. 6, 9, 14, 23, Dec. 5, 22, 24, 1917 Jan. 5, 9, 12, 16, 19, 20, 26, Feb. 14, 26, Mar. 13, 16, 20, 24, Apr. 11, 24, May 3, 14, 22, 23, 28, 29, June 5, 12, 22, 24, July 2, 6, 10, 31, Aug. 3, 8, 10, 13, 15, 21, 24, 31, Sep. 3, 12, Oct. 1, 5, 8, 9, 18, 19, 29, 30, 31, Nov. 5, 9, 12, 13, 15, 20, 21, 24, 28, 29, Dec. 4, 5, 8.

Total No. of Visits 84

Surveyor's Signature

Henry H. H. H.