

With or Without

STEEL STEAMER.

Received at London Office SEP 18 1918

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel *Yes*Date of completion of report *11th Sept 1918*

1918

Port of *Greenock*No. *17350*Survey held at *Port Glasgow & Glasgow*Date, First Survey *12th September, 1916*; Last Survey *6th September, 1918*On the (State if Single, Twin, or Triple Screw) *Single Screw Steamer**"MACHARDA"*Rig *Schooner*

TONNAGE under

Tonnage Deck...

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

Total under Upper Dk. *9301.96*Do. of Poop *143.57*Do. of *Rear Dk. Chart House* *628.60*Do. of Bridge House *31.67*Do. of Forecastle *212.86*Do. of Houses on Dk. *37.13*Do. of excess of Hatchways *101.74*Do. above Crown of *Engine Room* *10463.56*Gross Tonnage *10463.56*Less Crew Space *324.89*Less above Crown of *Engine Room* *101.74*TONNAGE FOR FEES *10036.93*Less Engine Room *3348.34*Navigation Spaces *136.29*

CLASS * 100 A 1

FEET.

Breadth (greatest moulded) *63.5*Depth, at middle of length from top of keel to top of upper deck beams at side *38.33*Transverse Number *101.83*Length on deck from fore part of stem to after part of stern post *517.41*Longitudinal Number *52687.86*Depth "d," at middle of length (See Secs. 2 & 13) *20.87*Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.49*" " Long Bridge Deck Beam at side to top of keel *11.16*Master *W. O. Tyers*Year of appointment *1907*Built at *Port Glasgow*When built *1918* Launched *28th May 1918*By whom built *Russell & Co.*Owners *J. & F. Brocklebank Ltd*

Managers

Residence *Liverpool*Port belonging to *Liverpool*

ster Tonnage

6654.04

Destined Voyage

If Surveyed while Building, Afloat, & in Dry Dock

NGTH on Deck

s per Rule *517 5*

BREADTH

Moulded *63 6*

DEPTH, ACTUAL

Do. do. *38 4*

Top of Floors to top of Upper Dk. Beams

Do. do. do. do. Second Dk. Beams *35 6*No. of Decks with flat laid *2*No. of Tiers of Beams *2*Dimensions of Ship per Register, Length *518* breadth *63.75* depth *35.45*Moulded depth, ft. *46* ins. *3 1/2*

To Bridge Dk.

Round of Upper

Dk. Beam, Actual *16* ins.

FRAMING.

ANE, Angles, *E of L* amidships *8 3 1/2 .56*Do. in peaks *7 3 1/2 .44*Do. in way of Double Bottoms at Solid Floors *3 1/2 3 1/2 .52*

" " " " " " " " " " " "

ing of Frames from centre to centre amidships *29*

" " " " " " " " " " " "

length to Collision bulkhead *27*in peaks *24*VERSED FRAME, Angles *8 3 1/2 .60*Do. in way of Double Bottoms at Solid Floors *3 1/2 3 1/2 .52*

" " " " " " " " " " " "

at intermdt. Bkts. *12 1/2*MING, depth of girder *12 1/2*DOORS, depth and thickness of Floor Plate *8.53*at mid line for 1 length amidships *8.64*in way of Engine and Boiler Spaces *8.48*thickness at the ends of vessel *8.54*

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

height extended at the Bilge

DOORS in Cell. Double Bottoms *48*

state if flanged (top & bottom)

Spacing of Solid floors *29*TRE GIRDER, in Dbl. bottom, dpth & thcknss. *50*Angles, Top *2*Bottom *2*to Floors *6*

Brackets at intermdt. frmg., width & thcknss

E GIRDERS, number on each side & thickness *3*

state if flanged (top and bottom)

Angles (top and bottom) *3 1/2 3 1/2 .52*to Floors *3 1/2 3 1/2 .48*EGIN PLATE, depth (exclusive of flange) *51*and thickness *4*Angle to Outside Plating *4*Floors *6*

Brackets at intermdt. frmg., width & thcknss

Height of Outside Brackets above at bilge *32*ER BOTTOM PLATING, breadth and thickness *72*in Engine and Boiler space *8.63*Remainder in Holds *48*MS, Upper Deck, Single Angle, Bulb *9*Angle, Plate, Tee, Bulb, or Channel *9*In way of Long Bridge *9*Spacing *29*BEAMS, Second Deck, Single Angle, Bulb *11*Angle, Plate, Tee, Bulb, or Channel *11*Spacing *29*BEAMS, Third and Fourth Deck, Single Angle, Bulb *10*Angle, Plate, Tee, Bulb, or Channel *10*Angles on upper edge *10*Spacing *27*BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee, Bulb, or Channel *10*Angles on upper edge *10*Spacing *48*BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee, Bulb, or Channel *9*Angles on upper edge *9*Spacing *29*BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee, Bulb, or Channel *9*Angles on upper edge *9*Spacing *27*

PILLARS.

PILLARS In 'tween Deck, size and spacing

" " Hold " "

" " Quarter 'tween Dks., " "

" " in Hold " "

KEELSONS & STRINGERS.

CENTRE LINE KEELSON (Vertical Plate above)

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

Intercoastal Plate, for length

Attached to outside Plating with Angle

BILGE KEELSON, Angles

Intercoastal Plate, for length

Attached to outside Plating with Angle

SIDE STRINGERS, Number *One, Two in way of Hold*Angle *7 4 .54*Intercoastal Plate, for whole length *7 4 .46*Attached to outside plating with Angle *3 1/2 3 1/2 .46*Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) *2 2 52 .80*br'dth & thickness (in way of Bridge) *6 6 .80*Angle (clear of Bridge) *6 6 .80*Tie Plate at sides of Hatchways *ined as per deck plan*Deck, * Iron or Steel, for whole lng. *58*Thickness (clear of Bridge) *58*(in way of Bridge) *44*Wood Deck, Material & thickness *52*Second Deck Stringer Plate, br'dth & thickness *52*Angles on ditto, No. *2 8*Tie Plates outside Hatchways *ined as per deck plan*Deck, * Iron or Steel, for whole lng. *44*Wood Deck, Material & thickness *46*Third Deck Stringer Plate, br'dth & thickness *46*Angles on ditto, No. *2*Tie Plates outside Hatchways *ined as per deck plan*Deck, * Material and thickness *30*Fourth and Fifth Deck Stringer Plate, br'dth & thickness *30*Angles on ditto, No. *2*Tie Plates outside Hatchways *ined as per deck plan*Deck, * Material and thickness *30*Poop Deck Stringer Plate, breadth & thickness *140*Angle on ditto *3 1/2 3 1/2 .40*Tie Plates *30*Deck, Material and thickness *30*Bridge Deck Stringer Plate, br'dth & thickness *2 2 57 .68*Angle on ditto *6 6 .72*Tie Plates *64*Deck, Material and thickness *50*Forecastle Deck Stringer Plate, br'dth & th'kns *40*Angle on ditto *3 1/2 3 1/2 .40*Tie Plates *50*Deck, Material and thickness *50*

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

[illegible][illegible]

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 52 ft., R.Q.D. ✓ ft., Bridge 157 ft., Forecastle 40 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) 2 Plks (st) 3rd Plk (st) in no 1 hold
 Official No. 140593 ; Signal Letters ✓ State if Machinery is fitted amidships
 How are the surfaces preserved from oxidation? Inside by Portland cement and paint Outside by paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	159.5	716	Fore peak tank,		127
Double bottom, under Engines and Boilers,	89.42	603	After peak tank,		120
Double bottom, if under Engines only,			Deep tank, aft,	38.66	1503
Double bottom, if under Boilers only,			Deep tank, forward,		✓
Double bottom, forward,	207.08	1004	Other tanks, if fitted,		✓
Total capacity of double bottom		2323	(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. 2884

Date 24th July, 1916

No. 710 in builder's yard.

DATES OF SURVEYS held while building

(1916) Sept. 12-13-19. Oct. 11. Nov. 15-27. Dec. 14-19. (1917) Jan. 9-18-19-25. Feb. 5-12-19-23-26. Mar. 26. Apr. 4-6-11. May 1-4-7-17-22-24-28-29. June 1-5-15-29. July 19. Aug. 7-10-13-17-20-21-22-23-24-28-31. Sept. 3-4-6-18-19-21-28. Oct. 2-4-9-10-11-19-25. Nov. 5-6-9-13-16-19-23-26. Dec. 3-5-6-7-11-13-14-18. (1918) Jan. 11-15-17. Feb. 1-4-27. Mar. 8-27-28-29. Apr. 2-3-4-9-12-16-17-18-19-23-26-29-30. May 3-6-10-13-15-17-21-22-23-25-27-28. June 14. July 5-15-23. Aug. 15-23-26-30. Sept. 6:-

Total No. of Visits 122

Surveyor's Signature

J. Bennett

Ship's Register Foundation