

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office. 21 NOV 1905

State if Report is also sent on the Machinery of the Vessel. Yr. Glasgow

Port of Greenock

No. 14479

Date of completion of report 8th NOV^r 1905.

Survey held at PORT GLASGOW.

Date, First Survey 31st January 1905Last Survey 2nd NOVEMBER 1905

Rig Schooner

On the STEEL SCREW STEAMER "MATOPPO"

(YARD N^o 179)THREE DECKED VESSEL.
CLASS 100A.1

FEET.

25.89

Half Breadth (moulded) 32.04

Depth from upper part of Keel to top of Upper Deck Beams 54.06

Girth of Half Midship Frame (as per Rule) 111.99

deduct 7 feet 7.00

104.99

1st Number 398.08

Length on deck from after part of stem to fore part of stern post 417.94

2nd Number 7.68

Proportions—Breadth to Length 12.42

Depth to Length—Upper Deck to top of Keel 16.54

Main Deck ditto

Destined Voyage MIDDLESBRO'

If Surveyed while Building, Afloat, or in Dry Dock SPECIAL SURVEY.

Master W.H. DORMAND.

Year of appointment (1) As Master in service of owner of present vessel—1902
(2) As Master of this vessel—1905

Built at PORT GLASGOW.

When built 1905 Launched 18th SEPT^r 1905By whom built W^m HAMILTON & CO^s LTD

Owners BUCKNALL STEAMSHIP LINES LTD

Managers

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

Residence LONDON.

Port belonging to LONDON.

BUILT UNDER

SPECIAL SURVEY.

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
398	1	Moulded	51	9 3/8	Do.	do.	28	3 3/4	TWO
					Do.	do.	20		No. of Tiers of Beams TWO
									Round of Upper 12 1/2 ins.
									Dk. Beam, Actual

er Register, Length 400.5' breadth 52.05' depth 28.25' Moulded depth, ft. 31 ins. 0 To Upper Dk.

RAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
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2 E or L Bars for 1/2 length	6	3 1/2	10	6	3 1/2	10	KEEL, Bar or Side Plates, depth and thickness	FLAT PLATE	KEEL
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End	6	3 1/2	9	6	3 1/2	9	STEM, moulding and thickness	11 1/2 x 3/8	11 1/2 x 3/8
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Double Bottoms at Solid Floors	3 1/2	3 1/2	10	3 1/2	3 1/2	10	STERN-POST for Rudder do. do.	11 1/2 x 7 1/2	11 1/2 x 7 1/2
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" at intermd. Blks.							" for Propeller	11 1/2 x 7 1/2	11 1/2 x 7 1/2
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es from moulding edge to	25			25			MAIN PIECE of Rudder, diameter at head	10	10
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all fore and aft	8	3 1/2	10	8	3 1/2	10	" do. at heel	5	5
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ME, Angles	10 1/2			10 1/2			RUDDER, how constructed BUILT IRON FRAME & SINGLE PLATE		
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depth of girder							Can the Rudder be unshipped afloat? YES.		
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and thickness of Floor Plate							KEELSONS & STRINGERS.		
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for 1/2 length amidships							CENTRE LINE KEELSON, Vertical Plate above		
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engines and Boilers							floors, Through Plate, or Intercostal Plate		
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the ends of vessel							Rider Plate		
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the half breadth, as per Rule							Bulb Plate to Intercostal Keelson		
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added at the Bilges							Horizontal Plates on Floors		
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CKETS in Cell Dble Bottoms	45		8	45		8	Angles		
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Distance apart	25			25			SIDE KEELSON, Angles		
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ER, in Double bottom, depth	45		11	45		11	Bulb or Plate above floors, for	Ing.	
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ness	4	4	10	4	4	10	Intercostal Plate, for	length	
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Angles, Top	4 1/2	4 1/2	12	4 1/2	4 1/2	12	Attached to outside Plating with Angle		
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Bottom	4 1/2	4 1/2	12	4 1/2	4 1/2	12	BILGE KEELSON, Angles		
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number on each side & thickness	Two		8	Two		8	Bulb or Plate above floors, for	Ing.	
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Angles	3 1/2	3 1/2	9	3 1/2	3 1/2	9	Intercostal Plate for	length	
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E, depth (exclusive of flange)	40 1/2		10	40 1/2		10	Attached to outside Plating with Angle		
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ness	3 1/2	3 1/2	11	3 1/2	3 1/2	11	BILGE STRINGER Angles		
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Angles to Outside Plating	54		10	54		10	Bulb Plate for	length	
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OM PLATING, breadth and							Intercostal Plate for	length	
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ness of Middle Line Strake							Attached to outside Plating with Angle		
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in Engine and Boiler space							3 SIDE STRINGERS Angles	6 1/2	4 1/2
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Remainder in Holds	12		13	12 1/2		12	Bulb or Intercostal Plate, for FULL Ing.	10	10
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Deck, Single Angle, Bulb	11		12	11 1/2		11	Attached to outside plating with Angle	3 1/2	3 1/2
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Plate or Tee Bulb IN WELLS	6 3/4	3 1/2	10	3 1/2	3 1/2	10	Upper Deck Stringer Plates, br'dth & thickness	66	11
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on upper edge	3 1/2		50	3 1/2		50	Angle on ditto	4	4
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space							Tie Plates fore and aft, outside Hatchways	5	5
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e Deck, Single Angle, Bulb	13		12	13		12	Deck * Iron or Steel, for FULL Ing.	8	8
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Plate or Tee Bulb	4	4	11	4	4	11	Wood Deck. Material & thickness		
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on upper edge							Middle Deck Stringer Plate, br'dth & thickness	69	11
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space							Angles on ditto, No. TWO	4	4
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r Deck, Single Angle, Bulb							Tie Plates outside Hatchways		
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Plate or Tee Bulb							Diagonal Tie Plates on Bms, No. of prs.		
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on upper edge							Deck * Iron or Steel, for FULL Ing.	8	8
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space							Wood Deck. Material & thickness		
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or Orlop, Plate or Tee Bulb							Lower Deck Stringer Plate, br'dth & thickness		
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on upper edge							Angles on ditto, No.		
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space							Tie Plates, outside Hatchways		
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Deck, Angle, Bulb Angle, Plate	6 1/2	3	9	6 1/2	3	9	Deck * Material and thickness		
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e Bulb							Hold, or Orlop Stringer Plate, br'dth & thkn's		
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on upper edge							Angles on ditto, No.		
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space							Tie Plates outside Hatchways		
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Deck, Angle, Bulb Angle, Plate	7 1/2	3	10	7 1/2	3	10	Deck. Material and thickness		
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e Bulb							Poop Deck Stringer Plate, breadth & thickness		
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on upper edge							Angle on ditto	3	3
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space							Tie Plates	BEAMS PLATED	5/16
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astle Deck, Angle, Bulb Angle,	9	3 1/2	9	9	3 1/2	9	Deck. Material and thickness IRON	45	10
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or Tee Bulb	3	3	7	3	3	7	Bridge Deck Stringer Plate, br'dth & thickness	3 1/2	3 1/2
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is on upper edge							Angle on ditto	30	6
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space							Tie Plates	BEAMS PLATED	6/16
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ge Deck, size and spacing	3 DIA	50	3 DIA	50	3 DIA	50	Deck. Material and thickness IRON	30	6
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Hold	5 1/4		50	5 1/4		50	Forecastle Deck Stringer Plate, b'dth & th'kns	30	3
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Quarter tween Dks.							Angle on ditto	12	6
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" in Hold							Tie Plates	3	3
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WEB-FRAMES, In Fore Body, No. and spacing							Deck. Material and thickness P.PINE		
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br'dth. & thickness									
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No. of Side Stringers									
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WEB-FRAMES, In E. & B. Space, No. & spacing	ONE AS PER	10	30						
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br'dth. & thickness									
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WEB-FRAMES, In After Body, No. and spacing									
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br'dth. & thickness									
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No. of Side Stringers									
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Size of Angles or Tee Bars to Web-Frames									
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BRACKET PLATES to Stringers between									
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Web-Frames, depth and thickness									
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PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. DOUBLE BOTTOM. 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. SIEMEN'S PROCESS. PLATES, ANGLES, BOLTS ETC. DALZELL, GLASGOW, HALLSIDE, LANARKSHIRE, CALDERBANK, CLYDEBRIDGE. Has the Steel been tested as required by the Rules? YES. FRAMES extend in one length from CENTRE LINE to MARGIN PLATE AND THENCE TO GUNWALE. REVERSED FRAMES on floors and frames extend from CENTRE LINE TO MARGIN PLATE AND THENCE ALTERNATE TO MAIN AND UPPER DECK. MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen. Topmasts, Yards and Remainder of Spars OF PINE. Rigging, Material and Size, Shrouds GALV WIRE 3/2. Stays 4 1/2. Sails, ONE Suit of SCHONER'S Sails, and the following spare sails. EQUIPMENT No. 47150 LETTER Z. ANCHORS. MECHANICAL TESTS BY J. MEYER. CHAIN CABLES. HAWSERS AND WARPS. Boats TWO LIFE BOATS & TWO OTHERS. Pumps, Number ONE DOWNTOWN PUMP & ONE HAND PUMP TO FORE PEAK. Diameter of Barrel 5 1/2. Windlass is CLARKE CHAPMAN & CO. Capstan. Engine Room Skylights. How constructed? OF STEEL. What arrangements for deadlights in bad weather? STEEL FLAPS & BULL'S EYES. Coal Bunker Openings. How constructed? OF STEEL. How are lids secured? CLEATS & BATTENS. Height above deck? 9". Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. FIVE SCUPPERS & EIGHT WATERPORTS (36" x 21") EACH SIDE. Ceiling in Holds, thickness and material 2 1/2" PINE. Ceiling 'tween Decks, thickness and material 6" x 2" PINE. Cargo Hatchways. How formed? STEEL PLATES & ANGLES. Hatches, If strong and efficient? YES, SOLID. State size No. 1 Hatch (Forward) 27' x 17'. No. 2 Hatch 29' x 17'. No. 3 Hatch 29' x 17'. No. 4 Hatch 27' x 17'. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch TWO WEBS AND THREE FORE & AFTERS TO EACH HATCH. No. of Breasthooks FIVE. No. of Crutches TWO & DEEP FLOORS. Bulwarks, height above deck and description 48" x 5/20. Main Rail, material and size B.A. 6 x 3 x 3/40. The above is a correct description. WILLIAM HAMILTON & CO., LTD. Surveyor's Signature David M. Auslan. Builder's Signature (here only) J. St. Mary. Director.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case). (M) 7-13-15-28 DEC 1904; 3 MARCH; 14-20 APRIL 1905. (E) 9 JAN 1905. Workmanship. Are the butts of plating planed or otherwise fitted? PLANED & OVERLAPPED. Is the riveted work properly closed? YES. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES. Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? YES. Do any rivets break into or through the seams or butts of plating? A VERY FEW. Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES. Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? YES. State results of tests SATISFACTORY. Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? YES. State results of tests SATISFACTORY. General Remarks (State quality of workmanship, &c.): This vessel has been built in accordance with the approved plans, the Secretary's letters as above stated and in other respects in conformity with the Rules; the material and workmanship are good. The keel has been sighted and found 1/2" up amidships. The Surveyor should state the Number of Report and Name of any Sister Vessel. PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34 ft., R.Q.D. or Break ft., Bridge Dk. 121 ft., F'castle 389 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) TWO DECKS (STEEL) AND DEEP FRAMING. Official No.; Signal Letters. How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT & PAINT. Outside PAINT. PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Double bottom, aft. 135-5. Water Capacity. 390 Tons. Fore peak tank. Double bottom, under Engines and Boilers. 22-11. 93 Tons. After peak tank. Double bottom, if under Engines only. 170-10. 572 Tons. Midship deep tank. Double bottom, if under Boilers only. 170-10. 572 Tons. Other tanks, if fitted. Double bottom, forward. TOTAL 1055 TONS. State whether the above have been tested as required by the Rules. YES. * The wells are not to be included in the lengths of the tanks. Order for Special Survey No. 229. Date 8/12/1904. Dates of Surveys held while building 1905 Jan 31 Feb 3 10 22 27 28 March 1 3 8 13 16 20 23 27 29 31 April 6 13 19 20 25 27 May 1 4 8 10 12 16 18 23 26 30 June 2 6 9 13 16 20 23 29 July 3 17 21 24 25 26 28 Aug. 1 3 4 5 9 11 15 21 23 30 Sept 5 7 13 15 18 Oct 11 24 26 30 Nov 2. Total No. of Visits 67. The amount of Entry Fee £ 5- : : : 9/11/1904. Special Survey Fee £ 153- 5- : : : Received by me, SHK. Travelling Expenses, if any £ : : : : 10/11/1904. Fees applied for, Certificate to be sent to Greenock. State whether the Vessel has been built under Special Survey YES. I am of opinion this Vessel should be Classed + 100A1. 920. David M. Auslan. Surveyor to Lloyd's Register of British and Foreign Shipping. Committee's Minute Glasgow 13 NOV 1905. Character assigned + 100-A1 (Spec) Lloyd's & L.P. FRI. 18 MAY 1906. TUES. 31 JUL 1906. TUES. 11 SEP 1906. FRI. NOV 16 1906. © 2020 Lloyd's Register Foundation