

3 Decks.

IRON OR STEEL STEAMER.

(Received at London Office)

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

Date of completion of report

Port of *Newcastle*

28128

No. *175* Survey held at *Newcastle*

Date, First Survey *3rd Sept 99* Last Survey *17 Dec 99*

1899

On the *Twin Screw Steamer "H. H. Meier"*

Rig *Schooner (3 masts)*

TONNAGE under

THREE DECKED VESSEL.

Master *M. Moller*

Tonnage Deck

CLASS *100A1*

Year of appointment *1888*

Do. between Tonnage Dk.

Half Breadth (moulded) *23.84*

Build at *Newcastle on Tyne*

Do. of Poop *100.08*

Depth from upper part of Keel to top of Upper Deck Beams *33.25*

When built *1890/2* Launched *19th Sept 99*

Do. of Bridge House *158.08*

Girth of Half Midship Frame (as per Rule) *51.94*

By whom built *Sir W. G. Armstrong & Mitchell*

Do. of Houses on Dk. *231.67*

deduct 7 feet *4*

Owners *Vorddeutscher Lloyd*

Do. of excess of Hatchways *80.68*

1st Number *102.09*

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

Do. of Forecastle *5386.24*

Length *418.4*

Residence

Do. above Crown of Engine Room *177.23*

2nd Number *42445*

Port belonging to *Bremen*

Do. of Engine Room *5129.01*

Proportions—Breadth to Length *8.44*

Less Crew Space *1698.00*

Depth to Length—Upper Deck to top of Keel *12.59*

Less above Crown of Engine Room *21.96*

Main Deck ditto *16.61*

TONNAGE FOR FEES *3409.05*

Destined Voyage *Bremen*

If Surveyed while Building, Afloat, or in Dry Dock

Less Engine Room *1698.00*

Less Navigation Spaces *21.96*

Register Tonnage *3409.05*

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH top of Floors to	Feet.	Inches.	Power of	Horse.	No. of Decks with flat laid
as per Rule	418	8	Moulded	47	9	Upper Deck Beams	29	3	Engines	600	No. of Tiers of Beams

Dimensions of Ship per Register, Length *421.0* breadth *48.0* depth *29.2* Moulded depth, ft. *32* ins. *3* To Upper Dk. Round up of *12* ins.

FORGINGS or CASTINGS.				KEELSONS & STRINGERS.			
KEEL, Bar or Side Plates, depth and thickness				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
STEM, moulding and thickness				Rider Plate			
STERN-POST for Rudder do. do.				Bulb Plate to Intercoastal Keelson			
" for Propeller				Horizontal Plates on Floors			
MAIN-PIECE of Rudder, diameter at head				Angles			
" do. at heel				SIDE KEELSON, Angles			
RUDDER, how constructed				Bulb or Plate above floors, for length			
Can the Rudder be unshipped afloat?				Intercoastal Plate, for length			
FRAMING.				Attached to outside Plating with Angle			
FRAME, Angles, or 7 Bars for 1/2 length amidships				BILGE KEELSON, Angles			
Do. for 1/2 at each end				Bulb or Plate above floors, for length			
Do. in way of Double Bottoms				Intercoastal Plate for length			
Distance of Frames from moulding edge to moulding edge, all fore and aft				Attached to outside Plating with Angle			
REVERSED FRAME Angles				BILGE STRINGER Angles			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				Bulb Plate for length			
" in way of Engines and Boilers				Intercoastal Plate for length			
" thickness at the ends of vessel				Attached to outside Plating with Angle			
" depth at 1/2 the half breadth, as per Rule				SIDE STRINGER Angles			
" height extended at the Bilges				Bulb or Intercoastal Plate for length			
FLOORS & BRACKETS in Cell Dble Bottoms				Attached to outside Plating with Angle			
" Distance apart				Upper Deck Stringer Plate, on ends of Beams, breadth and thickness			
CENTRE GIRDER, in Dbl Btm, depth & thickness				Angle on ditto			
" Angles, Top				Tie Plates fore and aft, outside Hatchways			
SIDE GIRDERS, number and thickness				Flat of Dk. * Iron or Steel, for all lng.			
" Angles				" Wood Material & thickness			
MARGIN PLATE, dpth (excl. of flange) & thickness				How fastened to Beams			
" Angles				Middle Deck Stringer Plate, br'dth & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				Angles on ditto, No. (2)			
" in Engine and Boiler space				Tie Plates outside Hatchways			
" Remainder in Holds				Diagonal Tie Plates on Bms, No. of prs.			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Flat of Dk. * Iron or Steel, for all lng.			
" Angles on upper edge				" Wood Material & thickness			
" Average space				How fastened to Beams			
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Lower Deck Stringer Plate, br'dth & thickness			
" Angles on upper edge				Angles on ditto, No. 2			
" Average space				Tie Plates, outside Hatchways			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				Flat of Deck. * Material and thickness			
" Angles on upper edge				How fastened to Beams			
" Average space				Hold or Orlop Stringer Plate, br'dth & thickness			
BEAMS, Hold, or Orlop, Plate or Tee Bulb				Is the Stringer Plate attached to the outside Plating?			
" Angles on upper edge				Angles on ditto, No.			
" Average space				Tie Plates outside Hatchways			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				Flat of Deck. * Material and thickness			
" Angles on upper edge				How fastened to Beams			
" Average space				POOP DECK STRINGER PLATE, breadth & thickness			
PILLARS, In 'tween Decks, Size and Spacing				Angle on ditto			
" Hold				Tie Plates			
WEB-FRAMES, In Fore Body, No. and spacing				Flat of Deck, Material and thickness			
" Br'dth & Thickness				Bridge Deck Stringer Plate, breadth & thickness			
" No. of Side Stringers				Angle on ditto			
WEB FRAMES, In After Body, No. and spacing				Tie Plates			
" Br'dth & Thickness				Flat of Deck, Material and thickness			
" No. of Side Stringers				Forecastle Deck Stringer Plate, br'dth & thickness			
" Size of Angles or Tee Bars to Web Frames				Angle on ditto			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				Tie Plates			
				Flat of Deck, Material and thickness			

Order for Special Survey No. 3208 Date 26 Aug 90 Order for Ordinary Survey No. 573 in builder's yard

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 beams 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

General Remarks (State quality of workmanship, &c.) This Steel Iron Steamer, is a sister vessel to the "P. Ruthenia" Newcastle reports N° 26278, and has been built in accordance with the approved and amended plans forwarded to London on the 25th of August 1891, the Secretary's letter, and in other respects with the Rules for the 100 A 1 Class, 3 decked, and the workmanship and the materials throughout are good.

An additional tier of beams have been fitted, with deck laid complete in accordance with the amended tracing of midships Section & Profile. The inner bottom all fore and aft has been tested to a head of water not less in height than the load line of the vessel & proved very satisfactory

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. or Break ft., Bridge Dk. 140 ft., F'castle 54 ft. (in feet and tenths) where 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) 3 Decks, 2 Dks (Iron - W.S.) & web frames

Official No. ; Signal Letters

PARTICULARS OF WATER BALLAST.—Double bottom, aft, length and water capacity in tons Double bottom, forward, length and water capacity in tons Double bottom, under engines and boilers, length and water capacity in tons If under engine only, or boilers only, state which Double bottom, constructed on the cellular system, length and water capacity in tons Fore peak tank, water capacity in tons After peak tank, water capacity in tons 110 Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons The above have all been tested as required by the Rules. (If necessary, furnish further information by sketch.) How are the surfaces preserved from oxidation? Inside Portland cement & paint Outside 3 Parts of paint

FREEBOARD assigned by the Committee, as per Secretary's Letter dated 9 February 1892 In Summer 7 ft. 8 1/2 ins. In Winter 8 ft. 5 ins. To top of Wood, Iron or Steel Upper Deck. For Winter in North Atlantic 8 ft. 7 1/2 ins. Fresh Water above the centre of disc 6 ins.

The amount of Entry Fee £ 5 : 0 : 0 is received by me, G. J. H. Certificate to be sent to Newcastle Office. Special £ 155 : 4 : 6 25/10/93 Certificate £ gratis Travelling Expenses, if any £ 100 A.I. I am of opinion this Vessel should be Classed 100 A 1.

Committee's Minute FRI 23 DEC 1892 Character assigned 100 A 1 Steel

2 A & P 3 Dks (2 Iron - W.S.) & web frames + 2 Mc 12, 92

100 A 1 (Steel) 3 Dks (2 Iron - W.S.) & web frames W. B. = Cell D.B. & particulars above