

Dk., R.Q.Dk.,

IRON OR STEEL STEAMER.

MAR. 30 APL 1903

State if Report is also sent on the Machinery of the Vessel *yes*Date of completion of Report *21 April 1903*Received at London Office, *WEST HARTLEPOOL*Survey held at *W. Hartlepool*Date, First Survey *22nd Aug 1902*Port of *WEST HARTLEPOOL*Last Survey *21 April 1903*Rig *Schooner*Master *S. H. Morell*Year of appointment *(1) As master in service of owner of present vessel: 1903*Built at *West Hartlepool*When built *1903* Launched *12 Feb 1903*By whom built *Swines, P. & Son, Swines, Yorks*Owners *Anglo-Swedish Aktieförbundet Sirius*Managers *W. & Lindgren*Residence *Sothenburg*Port belonging to *Sothenburg*

ONE OR TWO DECKED VESSEL.

CLASS *100A1*Half Breadth (moulded) *17.91*Depth from upper part of Keel to top of Main Deck Bms. *17.87*Girth of Half Midship Frame (as per Rule) *32.2*1st Number *67.98*Length on deck from after part of stem to fore part of stern post *229.21*2nd Number *15581*Proportions—Breadths to Length *6.4*Depths to Length—Main Deck to top of Keel *12.8*Destined Voyage *Sunderland*

* Surveyed while Building, Afloat, & in Dry Dock

TONNAGE under

Tonnage Deck... *1017.44*of Poop *47.20*of Raised Or. *75.06*Dk. or Break... *73.40*Do. of Bridge House *28.52*Do. of Forecastle *5.39*Do. of Houses on Deck *78.87*Do. of excess of Hatchways *67.99*above Crown of *1385.92*Engine Room *44.93*above Crown of *67.99*Engine Room *1273.00*TONNAGE FOR FEES *505.58*Less Engine Room *17.28*Less Navigation Spaces *818.13*Register Tonnage *818.13*

as cut on Beam

LENGTH on Deck as

per Rule *229*Feet. *229*Inches. *2 1/2*

BREADTH—

Moulded *35*Feet. *35*Inches. *10*

DEPTH, ACTUAL

Top of Floors to top of Main Deck Beams *14*Feet. *14*Inches. *11 1/2*No. of Decks with Flat laid *one*No. of Tiers of Beams *one*Dimensions of Ship per Register, Length, *230.5*breadth, *36.1*depth, *14.8*Moulded Depth, *17* ft. *2* ins. Round of Beam, Actual *8 1/2* ins.

FRAMING.

Inches in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship.

FRAME, *Angles, L-E* Bars, for $\frac{1}{2}$ length amidships *6 3 8.7 5 3 9.8*Do. *at each end in peaks* *4 3 6 4 3 6*Do. in way of Double Bottoms at Solid Floors *3 3 7 3 3 7*Spacing of Frames from centre to centre *23 23*REVERSED FRAME, Angles *3 3 7 3 3 7*DEEP FRAMING, depth of girders *3 3 7 3 3 7*FLOORS, depth and thickness of Floor Plate *6 7 8 7 8 7*at mid-line for $\frac{1}{2}$ length amidships *6 7 8 7 8 7*in way of Engines and Boilers *6 7 8 7 8 7*thickness at the ends of vessel *6 7 8 7 8 7*depth at $\frac{1}{2}$ the half breadth, as per Rule *6 7 8 7 8 7*height extended at the Bilges *6 7 8 7 8 7*FLOORS & BRACKETS, in Cell Dble Bottoms *35 35 7 35 7*state if flanged (top & bottom) *35 35 7 35 7*Spacing *23 23*CENTRE GIRDER, in Double Bottom, depth *35 35 7 35 7*and thickness *35 35 7 35 7*Angles, Top *4 4 8 4 4 8*Angles, Bottom *5 4 11 5 4 11*SIDE GIRDERS, number on each side & thickness *one 7 one 7*state if flanged (top & bottom) *one 7 one 7*Angles *3 3 7 3 3 7*MARGIN PLATE, depth (exclusive of flange) *25 25 7 24 7*and thickness *3 3 7 3 3 7*Angles to Outside Plating *3 3 7 3 3 7*Floors *3 3 7 3 3 7*Height of Floors at the Bilges *41 41 7 41 7*INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake *36 8.7 35 8.7*thickness in Engine and Boiler space *2.8 2.8 7 2.8 7*Remainder in Holds *7 7 7 7 7 7*BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *6 3 8 6 3 8*Angles on Upper Edge *6 3 8 6 3 8*Spacing *23 23*BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb *6 3 8 6 3 8*Angles on Upper Edge *6 3 8 6 3 8*Spacing *23 23*BEAMS, Hold, Plate or Tee Bulb *6 3 8 6 3 8*Angles on Upper Edge *6 3 8 6 3 8*Spacing *23 23*BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb *6 3 8 6 3 8*Angles on Upper Edge *6 3 8 6 3 8*Spacing *23 23*BEAMS, Bridge on Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb *5 3 7 5 3 7*Angles on Upper Edge *5 3 7 5 3 7*Spacing *23 23*BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb *7 3 9 7 3 9*Angles on Upper Edge *7 3 9 7 3 9*Spacing *46 46*MILLARS, In 'tween Decks, Size and Spacing *2 3 4 2 3 4*Hold *2 3 4 2 3 4*Quarter, 'tween Dks. *2 3 4 2 3 4*in Hold *2 3 4 2 3 4*WEB FRAMES, In Fore Body, No. and Spacing *8 4 6 8 4 6*Brdth. & Thickness *15 7.6 15 7.6*No. of Side stringers *2 2 2 2 2 2*Brdth. & Thickness *15 7.6 15 7.6*No. of Side Stringers *2 2 2 2 2 2*Size of Angle on Tee Bar to Web Frames *6 4 9 6 4 9*Depth and Thickness *6 4 9 6 4 9*

FORGINGS AND CASTINGS.

Inches in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship.

KEEL, Bar or Side Plates depth and thickness *7 1/2 x 2 3/8 7 1/2 x 2 3/8*STEM, moulding and thickness *7 1/2 x 2 3/8 7 1/2 x 2 3/8*STERN-POST for Rudder do. do. *8 x 4 3/4 8 x 4 3/4*for Propeller *8 x 4 3/4 8 x 4 3/4*MAIN PIECE of Rudder, diameter at head *5 3/4 5 3/4*do. at heel *4 1/2 x 3 3/4 4 1/2 x 3 3/4*RUDDER, how constructed *ordinary side plate rudder*Can the Rudder be unshipped afloat? *yes*

KEELSONS AND STRINGERS.

Inches in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship. 20ths in Ship.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate *bellular*Rider Plate *double bottom*Bulb Plate to Intercostal Keelson *bellular*Horizontal Plates on Floors *double bottom*Angles *double bottom*SIDE KEELSON, Angles *double bottom*Bulb or Plate above floors for *Ing.*Intercostal Plate for *length*Attached to outside plating with Angle *length*BILGE KEELSON, Angles *length*Bulb or Plate above floors for *Ing.*Intercostal Plate for *length*Attached to outside plating with Angle *length*BILGE STRINGER, Angles *length*Bulb Plate for *length*Intercostal Plate for *length*Attached to outside plating with Angle *length*SIDE STRINGER, Angles *length*Bulb or Intercostal Plate for *whole Ing.*Attached to outside plating with Angle *length*Main and Raised Quarter Deck Stringer Plate, breadth and thickness *33-28 10.8 33-28 10.8*Angle on ditto *4 1/2 4 1/2 9.8 4 1/2 4 1/2 9.8*Tie Plates fore & aft, outside Hatchways *20 at nos 1, 4, 9 at 2, 3, 7, 8 at 5, 6, 7, 8 at 6*Diagonal Tie Plates on Deck, No. of Pairs *20 at nos 1, 4, 9 at 2, 3, 7, 8 at 5, 6, 7, 8 at 6*Main Dk* *Steel for whole Ing.*R. Q. Dk* *Steel for whole Ing.*Wood Deck, Material & thickness *6 6*Lower Deck Stringer Plate, breadth and thickness *36 6 20 6*Angles on ditto, No. *3 3 7 3 3 7*Tie Plates, outside Hatchways *5 3 7 5 3 7*Deck* Material and thickness *5 3 7 5 3 7*Hold Stringer Plate *5 3 7 5 3 7*Angles on ditto, No. *5 3 7 5 3 7*Poop Deck Stringer Plate, breadth & thickness *36 6 20 6*Angle on ditto *3 3 7 3 3 7*Tie Plates *5 3 7 5 3 7*Deck, Material and thickness *5 3 7 5 3 7*Bridge on Pt. Awng. Deck Stringer Plate, breadth and thickness *36 6 20 6*Angle on ditto *3 3 7 3 3 7*Tie Plates *5 3 7 5 3 7*Deck, Material and thickness *5 3 7 5 3 7*Forecastle Deck Stringer Plate, brdth & thcknss *27 3 7 27 3 7*Angle on ditto *3 3 7 3 3 7*Tie Plates *5 3 7 5 3 7*Deck, Material and thickness *5 3 7 5 3 7*

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

BULKHEADS.

Number

In Vessel

Per Rule

Thickness

Horizontal

Vertical

Single or Double Frames

Height up

W.T. BULKHEADS *4 4 6 6 x 3 x 2 1/2 B.A. 4 4 6*PARTITION *4 4 6 6 x 3 x 2 1/2 B.A. 4 4 6*LONGITUDINAL *4 4 6 6 x 3 x 2 1/2 B.A. 4 4 6*Are the outside Plates doubled two spaces of Frames in length? *yes*Are the Stowage and Watertight Doors in efficient working order? *yes*

San. Tomine 18th June, 1903.
Deferred Date to owner

Ln. Own 18/6/03

Gu. Lomee 25th Aug. 1903
Previous decision a waste
ap.

FRI. 13 MAY 1904



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