

1 or 2 Decks.

IRON OR STEEL STEAMER.

Received at London Office,

RS. 4 FEB 1892

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

Date of completion of Report 2.2.92 Port of West Hartlepool
Survey held at West Hartlepool Date, First Survey 30 July 1891 Last Survey 22 Jan 1892

On the Steel Screw Steamer "Mount Stewart" Rig Schooner 2 Mast

ONE OR TWO DECKED VESSEL. Master James Pellyth

CLASS 100 A1. Year of appointment 1892

Half Breadth (moulded) 14.95 Built at West Hartlepool

Depth from upper part of Keel to top of Main Deck Bms. 14.95 When built 1891 Launched 1st Nov 1891

Girth of Half Midship Frame (as per Rule) 26.07 By whom built W. Gray & Co. (Linn)

1st Number 55.94 Owners Marquis of Londonderry

Length 194.3 Managers J. J. Dickfield

2nd Number 108.44 (Where necessary to be entered in Reg. Book.)

Proportions—Breadths to Length 6.49 Residence Seaham Harbour

Depths to Length—Main Deck to top of Keel 12.99 Port belonging to Sunderland

Destined Voyage & Surveyed while Building, Afloat, & in Dry Dock

on Deck Rule 194 4 BREADTH—Moulded 29 10 1/2 DEPTH—Top of Floors to Main Deck Beams 12 3 1/2 Power of Engines 120 No. of Decks with Flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length, 196.2 breadth, 30.15 depth, 12.11. Moulded Depth, ft. 14 ins. 3 1/2 Round of Beam 7 3/4 inches.

IRGINGS AND CASTINGS. Bar or Side Plates depth and thickness 6 3/4 x 2 6 3/4 x 2 POST for Rudder do. do. 6 3/4 x 4 1/2 6 3/4 x 4 1/2 for Propeller 6 3/4 x 4 1/2 6 3/4 x 4 1/2 PIECE of Rudder, diameter at head 4 3/4 4 3/4 do. at heel 2 3/4 2 3/4 R, how constructed Forged frame plated Rudder be unshipped afloat? Yes

FRAMING. Angles, or 7 Bars, for 1/2 length amidships 3 1/2 3 6 3 1/2 3 6 r 1/2 at each end 3 1/2 3 5 3 1/2 3 5 way of Double Bottoms 3 3 6 3 3 6 of Frames from moulding edge to ing edge, all fore and aft 22 22 SED FRAME, Angles 3 2 1/2 5 3 2 1/2 5 S, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 1 1/2 1 1/2 way of Engines and Boilers 1 1/2 1 1/2 thickness at the ends of vessel 1 1/2 1 1/2 depth at 1/2 the half breadth, as per Rule 1 1/2 1 1/2 eight extended at the Bilges 1 1/2 1 1/2 S & BRACKETS, in Cell Dble Bottoms 32 6 32 6 Distance apart 24 24 E GIRDER, in Double Bottom, depth and thickness 32 8 32 8 Angles, Top 3 1/2 x 3 1/2 + 7/8 Bottom 4 1/2 3 7 4 1/2 3 7 ORDERS, number and thickness 2 6 2 6 Angles 3 2 1/2 6 3 2 1/2 6 N PLATE, depth (exclusive of flange) and thickness 18 6 18 6 Angles 3 3 7 3 3 7 BOTTOM PLATING, breadth and thickness of Middle Line Strake 32 7 32 7 thickness in Engine and Boiler space 7 7 thickness in Hold 6 6 Main and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7 Angles on Upper Edge 22 22 Average space 22 22 Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7 Angles on Upper Edge 22 22 Average space 22 22 Hold, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7 Angles on Upper Edge 22 22 Average space 22 22 Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7 Angles on Upper Edge 22 22 Average space 22 22 AMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb 5 1/2 3 7 5 1/2 3 7 Angles on Upper Edge 22 22 Average Space 22 22 AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 3 6 4 3 6 Angles on Upper Edge 22 22 Average space 22 22 ARS, In 'tween Decks, Size and Spacing 2 3/4 3 4 1/2 2 3/4 3 4 1/2 Hold 2 3/4 3 4 1/2 2 3/4 3 4 1/2 FRAMES, In Fore Body, No. and Spacing One at Main Hatch No. of Side Stringers 15 6 15 6 No. of Side Stringers 15 6 15 6 FRAMES, In After Body, No. and Spacing Four 5 and 6 frame spaces No. of Side Stringers 15 6 15 6 Size of Angles or Tee Bars to Web Frames 3 2 1/2 5 3 2 1/2 5 SET PLATES to Stringers between Frames, Depth and Thickness 3 2 1/2 5 3 2 1/2 5

KEELSONS AND STRINGERS. CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate 1/2 1/2 Rider Plate 1/2 1/2 Bulb Plate to Intercoastal Keelson 1/2 1/2 Horizontal Plates on Floors 1/2 1/2 Angles 1/2 1/2 SIDE KEELSON, Angles 1/2 1/2 Bulb or Plate above floors for length 1/2 1/2 Intercoastal Plate for length 1/2 1/2 Attached to outside plating with Angle 1/2 1/2 BILGE KEELSON, Angles 1/2 1/2 Bulb or Plate above floors for length 1/2 1/2 Intercoastal Plate for length 1/2 1/2 Attached to outside plating with Angle 1/2 1/2 BILGE STRINGER Angles 1/2 1/2 Bulb Plate for length 1/2 1/2 Intercoastal Plate for length 1/2 1/2 Attached to outside plating with Angle 1/2 1/2 SIDE STRINGER Angles 1/2 1/2 Bulb or Intercoastal Plate or Angle 1/2 1/2 Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thickness 25 9 25 9 Angle on ditto 3 1/2 x 3 1/2 7 3 1/2 x 3 1/2 7 Tie Plates fore & aft, outside Hatchways 13 13 Diagonal Tie Plates on Bms., No. of Pairs 6 6 Flat of Deck* Material and thickness 6 6 Wood None Material & thickness How fastened to Beams Lower Deck Stringer Plate, on ends of Beams, breadth and thickness 25 9 25 9 Angles on ditto, No. Tie Plates, outside Hatchways 13 13 Flat of Deck* Material and thickness 6 6 How fastened to Beams Hold Stringer Plate, on ends of Beams 22 7 22 7 Angles on ditto, No. Poop Deck Stringer Plate, breadth & thickness 22 7 22 7 Angle on ditto 3 x 3 x 7 3 x 3 x 7 Tie Plates 12 7 12 7 Flat of Deck, Material and thickness Pine 3 3 3 3 Bridge Deck Stringer Plate, brdth & thickness 26 6 26 6 Angle on ditto 3 x 3 x 6 3 x 3 x 6 Tie Plates 7 5 7 5 Flat of Deck, Material and thickness Pine 3 3 3 3 Forecastle Deck Stringer Plate, brdth & thickness Iron 5 1/2 5 1/2 5 1/2 Angle on ditto 3 x 3 x 5 1/2 3 x 3 x 5 1/2 Tie Plates 5 1/2 5 1/2 5 1/2 Flat of Deck, Material and thickness Iron 5 1/2 5 1/2 5 1/2

PLATING. FLAT PLATE KEEL, breadth and thickness 36 12 36 12 d'bling or incr'd thcknss, & lngth appl. PLATES in Garboard Strakes, brd'th & thickness 40 9 40 9 From Garboard to lower part of Bilges State Thickness of Plating in way of Double Bottom. Bilges, number of Strakes and thickness 2 9 2 9 Of doubling at Bilge, or increased thickness, and length applied 1/2 length Two strakes increased 20 from up. part of Bilge to lr. edge of Sh'rstrake 8 x 9 8 x 9 Sheerstrake, breadth and thickness 43 1/2 12 43 1/2 12 Of d'bling at Sh'rstk. & lng. applied Double 22 ft. Break Poop Sides 5 5 Raised Quarter Deck Sides 7 7 Bridge Sides 5 5 Forecastle Sides 5 5 Lengths of Plating Six to nine frame spaces

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

State clearly where plating is of alternate thickness—as distinguished from diminished thickness at end of vessel.

ROBERT EDMUND TAYLOR & SON, Printers, 19, Old Street, Goswell Road London.

HPL 366-0198(1/2)

Order for Special Survey No. 1504
Date Aug 14 1891
Order for Ordinary Survey No. 1
Date 1st Survey 30th July 1891
Last 22nd Jan 1892
Total No. of Visits 53

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

State dates and initials of letters respecting this case July 23-27th 91 M Oct 1-91 E

General Remarks (State quality of workmanship, &c.) This vessel has been built under Special Survey in accordance with the Rules and and the approved plans. The material used in the hull is of good malleable quality and the workmanship has been well executed throughout.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.5 ft., R.Q.D. or Break 79 ft., Bridge Dk. 13 ft., F'castle 24.5 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated
Bridge & quarter-deck joined
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) 1dk Steel 1 Gr bms.
Official No. 99602 ; 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 Engines only, or Boilers only, state which both
Double bottom, constructed on the cellular system, length 159.5 ft and water capacity in tons 233
Fore peak tank, water capacity in tons 30 After peak tank, water capacity in tons 19
Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons
The above have now been tested as required by the Rules.
(If necessary, furnish further information by sketch.)
How are the surfaces preserved from oxidation? Inside Portland Cement and paint Outside paint.

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated To top of Wood, Iron or Steel Upper Deck
In Summer ft. ins.
In Winter ft. ins.
For Winter in North Atlantic ft. ins.
Fresh Water above the centre of disc ft. ins.

The amount of Entry Fee £ 3 is received by me
Special £ 35 2 3-7-18 92
Certificate £ 700
Travelling Expenses, if any £
I am of opinion this Vessel should be Classed 100 A.1. Steel

Committee's Minute
Character assigned
+ LMB 1/92
ascp
TUES. 9 FEB 1892
100 A.1 Steel
18k Steel
well 18k
7 R
From the further information now received it is submitted she appears eligible to be classed 100 A.1 (Steel) as recommended
1. 5K (Steel)
Cell 5 B. (Particulars above)
Hull Book
P.K.

Hull Certificate Written.
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