

REPORT of SURVEY for REPAIRS, &c.

No. 4277 ²³⁹²⁹
 No. in Survey held at West Hartlepool Date, first Survey 6th June Last Survey 7th July 1879
 Reg. Book. 493 on the Ship "Marmora" Master J. Beale
 TONNAGE under Tonnage Deck } 606
 Ditto of Spar Deck, or Awning Deck } 255
 Ditto of Poop } 1604
 Ditto of Raised Qr. Dk.
 Ditto of Houses on Deck
 Ditto of Forecastle
 Gross Tonnage
 Crew Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room
 Reg. Tons as St mer, cut on Bm.

Length of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft.
 Last Survey, No. 20847 Port Iron Classed A1
 REPAIRS, OR EXAMINATION AS PER RULE S. Survey no 3 for iron ships
 Cause of Repairs to be clearly stated. Decay & Damage

How done S. Side 3 plates of bottom renewed, short length of bidge keel at after end
new 4 plates of shell amidships new & two cross & refitted, one plate in after end new
P. Side 5 plates of bottom renewed & 4 plates amidships, one bottom down re-cut &
refitted. 8 Reverse frames doubled on top edge of floor plates in fore hold, 27
reverse frames in after ballast tank & doubled from 10 to 18 ft. in length, 13
floor plates new in after end, 8 do. doubled & 3 knee plates at ends of
frames at tank side new. Keelson angles in ballast tank aft part new,
24 reverse frames doubled between decks 7 ft. in length, 20 reverse frames doubled
in side coal bunkers 7 ft. in length. After ballast tanks refitted with new
new plates and angles. Shaft tunnel repaired. Upper Deck new from forward
thence to the after part of after hatch (dry five sixths new) with 3 inch G. Pine
fore & main masts new G. Pine

Present Condition of the
 Decks Good Part new
 Waterways Good
 Comings Good
 Upper Deck Beams & Fastenings Good
 Lower Deck Beams & Fastenings Good
 Plank sheers Good
 Sheerstrakes Good
 Topsides Good
 Wales Good
 Plank (Bottom) and Counter Good
 Engine Room Skylights Good Coal Bunker, Openings, Lids, &c. Good Scuppers Good Cargo and Main Hatchways Good Hatches Good
 General Observations, Opinion as to Class, &c. Has now been specially surveyed under the Rules
Survey no. 3 for iron ships. Is now in a good & efficient state fit for
the safe conveyance of dry & perishable goods to & from all parts of
the world & may in our opinion be classed A1
S. S. Atl. no. 3-79

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The Amount of Entry Fee ... £ 2 : 0 : 0 received by me,
 Special ... £ 6 : 6 : 0 10th July 1879
 Certificate (if required) } £ 5 : 0 : 0
 to be sent as per margin...
 (Travelling Expenses, if any, £)
 Committee's Minute 15th July 1879
 Character assigned B
B & M S. 7-79 S. S. No 3-79

[The Surveyors are requested not to write on or below the space for Committee's Minute.]

Surveyor to Lloyd's Register of British and Foreign Shipping.
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 IRON 486 - 0065

The whole of the ceiling taken up, paper scraped clean inside & out, cement made good where necessary, ceiling relaid paper new, all coated inside & out with two coats of paint & black varnish

Special Survey No. 3 Survey for iron ships. The whole of the ceiling taken up, repel scraped & beat clean inside & out. Plating drilled to ascertain thickness in 22 places on each side, found a reduction from the original thickness of about $\frac{1}{32}$ of an inch to $\frac{1}{16}$. Windlass working & cleaned (Patent), Chain cables up & ranged for inspection & measurement. Water ballast tanks tested by a head of water to the light & load line.

S. P. Gluckman

4/22/2014