

# IRON OR STEEL SHIP.

(Received at London Office, MON 2 DEC 1889)

3638

No. 3638 Survey held at Belfast Date of writing Report Dec 13 1889 Port of Belfast  
 On the Steel Screw Steamer "Mount Hebron" Date, First Survey Dec 13 1889 Last Survey Nov 29 1889  
 Tonnage under Tonnage Deck 1972.26 ONE, OR TWO DECKED, THREE DECKED VESSEL, ONE  
 Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. 130.94  
 Total under Upper Dk. 342.96  
 Do. of Poop 39.20  
 Do. of Raised Qr. Dk. or Break 24.03  
 Do. of Bridge House 14.15  
 Do. of Houses on Deck 2560.14  
 Do. of excess of Hatchways 42.86  
 Do. of Forecastle 2487.28  
 Gross Tonnage 219.24  
 Less Crew Space 1662.04  
 Less Engine Room Register Tonnage as cut on Beam 1662.04  
 Half Breadth (moulded) 20.66  
 Depth from upper part of Keel to top of Upper Deck Beams 22.45  
 Girth of Half Midship Frame (as per Rule) 41.08  
 1st Number 84.49  
 1st Number, if a 3-Decked Vessel .. deduct 7 feet 290.33  
 Length 2520.59  
 2nd Number 7.25  
 Proportions—Breadths to Length 13.10  
 Depths to Length—Upper Deck to Keel 13.10  
 Main Deck ditto 13.10  
 Year of appointment 1889  
 Built at Belfast  
 When built 1889 Launched Oct 26  
 By whom built MacShann & MacCall  
 Owners Smith & Service  
 Managers Glasgow  
 Residence Glasgow  
 Port belonging to Glasgow  
 Destined Voyage Special Survey while Building  
 If Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on deck as	Feet.	Inches.	BREADTH—Moulded...	Feet.	Inches.	DEPTH top of Floors to Upper Deck Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams	Inches. In ship.	4th. or 20ths. In ship.	Inches. per Rule	4th. or 20ths. per Rule
290 4			41 4			19 32			300		One	One	12	36	12	12
Ship per Register, length, 300 breadth, 41.5 depth, 19.3									Moulded depth 21-11 1/2							
and thickness Side bars									Flat Keel Plates, breadth and thickness							
ing and thickness									PLATES in Garboard							
for Rudder do. do.																
for Propeller																

First entry report Belfast No 3638 on the steel Mount Hebron

It is submitted the report should be returned and the Surveyor requested to state whether the sheerstrake is doubled its whole width as required in the Secretary's letter dated 27 Sept 1888  
 2. whether the butts of the main stringer plate are only treble riveted for 1/2 length as given on the report or for 3/4 length as required by the Rules Circular 552.  
 3. To make the report and drawing agree as regards the thickness and material of the floors.

1 Rept. } to return  
 1 plan }

J.H.  
 3/12/89

Ltr. to Lysn. 3/12/89

It is submitted in view of the extra thickness of bridge side plating and the main stringer plate the sheerstrake as stated merits approval.

J.H.  
 6/12/89

6/12/89

Are the outside Plates doubled two spaces of Frames in length? yes  
 Riveted through plates with 4 in. Rivets, about 4 apart.  
 Rivets for upper deck in fore hold and to upper side of R. 2nd alternately in after hold  
 And butts properly shifted? yes  
 Double riveted to Keel, with rivets 1 1/2 in. diameter, averaging 5 ins. from centre to centre.  
 to turn of Bilge, worked clench, double riveted; with rivets 5/8 in. diameter, averaging 3 3/4 ins. from centre to centre.  
 Strakes at Bilge for entire length, treble riveted with Butt Straps 20 thicker than the plates they connect for 1/2 length  
 Edges from Bilge to Main Sheerstrake, worked clench, double single riveted; with rivets 5/8 in. diameter, averaging 3 3/4 ins. from cr. to cr.  
 Butts from Bilge to Main Sheerstrake, worked clench, double single riveted.  
 Edges of Main Sheerstrake, double single riveted.  
 Butts of Main Sheerstrake, double riveted for 3 in. way of doubling, treble riveted for 2 1/2 in. way of doubling.  
 Butts of Main Stringer Plate, treble riveted for 1 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for 1 1/2 length.  
 Breadth of laps of plating in double riveting 5 1/4 Breadth of laps of plating in single riveting 5  
 Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted double  
 What description of iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c. Siemens Martin  
 Manufacturer's name or trade mark Siemens, Brown & James, Keelsons and Stringers, Mossend, & James & Co., Glasgow, & Coates & Co., Glasgow  
 The above is a correct description.  
 Builder's Signature, MacShann & MacCall Surveyor's Signature, James Surpin  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

BEL56-0110