

IRON SHIP.

(Rec'd 8.11.1883)

No. 1510 Survey held at Glasgow Date, First Survey 4th May Last Survey 6th November 1883
 On the Sailing Vessel "Denny Castle" (Barque Rig)

TONNAGE under Tonnage Deck 1242.62
 Ditto of Third, Spar, or Awning Deck }
 Ditto of Poop, or Raised Or. Dk. } 45.68
 Ditto of Houses on Deck } 13.11
 Ditto of Forecastle } 35.66
 Gross Tonnage 1367.07
 Less Crew Space 50.40
 Less Engine Room }
 Register Tonnage as cut on Beam } 1316.67

ONE, OR TWO DECKED, THREE DECKED VESSEL, SPAR, OR AWNING DECKED VESSEL.
 Half Breadth (moulded) 17.89
 Depth from upper part of Keel to top of Upper Deck Beams 23.40
 Girth of Midship Frame (as per Rule) 34.20
 1st Number 48.79
 1st Number, if a 3-Decked Vessel do not 7 feet
 Length 230.0
 2nd Number 18122
 Proportions— Breadths to Length 6.4
 Depths to Length— Upper Deck to Keel 9.7
 Main Deck ditto 9.7

Master Goffe
 Built at Glasgow
 When built 1883 Launched 16th Dec.
 By whom built Dobie & Co
 Owners J. Spright & Son
 Residence Limerick
 Port belonging to Limerick
 Destined Voyage Fiji Islands
 If Surveyed while Building, Afloat, or in Dry Dock, Built under Special Survey

LENGTH on deck as per Rule 230.0 **BREADTH** Moulded 35.48 **DEPTH** top of Floors to Upper Deck Beams 21.4 **Power of Engines** ✓ **Horse** ✓ **N^o. of Decks with flat laid** One **N^o. of Tiers of Beams** Two

Dimensions of Ship per Register, length, <u>230.0</u> breadth, <u>35.48</u> depth, <u>21.4</u>	Inches in Ship			Inches per Rule		
	Inches	Inches	16ths	Inches	Inches	16ths
KEEL , depth and thickness	9	2 1/2	8	9	2 1/2	8
STEM , moulding and thickness	8 1/2	2 1/2	8	8 1/2	2 1/2	8
STERN-POST for Rudder do. do.	8 1/2	2 1/2	8	8 1/2	2 1/2	8
" " for Propeller						
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24		
FRAMES , Angle Iron, for 1/2 length amidships	5	3	8	5	3	8
Do. for 1/4 at each end	5	3	4	5	3	4
REVERSED FRAMES , Angle Iron	3 1/2	3	8	3 1/2	3	8
FLOORS , depth and thickness of Floor Plate at mid line for half length amidships	24	10		24	10	
" thickness at the ends of vessel		8			8	
" depth at 3/4 the half-bdth. as per Rule	12			12		
" height extended at the Bilges	48			48		
BEAMS , Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	8 1/2	5 1/2	8	8 1/2	5 1/2	8
Single or double Angle Iron on Upper edge	48			48		
Average space	4	5	6	6 1/2	5	6
BEAMS , Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron						
Single or double Angle Iron on Upper Edge	48			48		
Average space	48			48		
BEAMS , Lower Deck— Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	8 1/2	5 1/2	8	8 1/2	5 1/2	8
Single or double Angle Iron on Upper Edge	48			48		
Average space	48			48		
BEAMS , Hold, or Orlop— Single or d'ble Ang. Iron, Plate or Tee Bulb Iron						
Single or double Angle Iron on Upper Edge						
Average space						
KEELSONS Centre line, single or double plate, box, or intercostal plates	17	12		17	12	
" Rider Plate	11	12		10 1/2	12	
" Bulb Plate to Intercostal Keelson	5	4	9	5	4	9
" Angle Irons						
" Double Angle Iron Side Keelson						
" Side Intercostal Plate						
" do. Angle Irons	5	4	9	5	4	9
" Attached to outside plating with angle iron	3	3	4	3	3	4
BILGE Angle Irons	5	4	9	5	4	9
" do. Bulb Iron						
" do. Intercostal plates riveted to plating for length						
BILGE STRINGER Angle Irons	5	4	9	5	4	9
Intercostal plates riveted to plating for length						
SIDE STRINGER Angle Irons						

Flat Keel Plates, breadth and thickness ...
PLATES in Garboard Strakes, br'dth & thickness 45 11 45 11
 " From Garboard to upper part of Bilges ... 10 10
 " Of d'bling at Bilge (increased thickness, and length applied half length) 1 1
 " From up. prt of Bilge to lr. edge of Sh'rstrake ... 10 10
 " Main Sheerstrake, breadth and thickness ... 43 12 43 12
 " Of d'bling at Sh'strk. & lng. applied
 " From M'n. to Upr. or Spar Dk. Sh'rstrake ...
 " Up. or Spar Dk. Sh'rstrake, br'dth & thck'ns ...
 Butt Straps to outside plating, breadth & thickness 16 11 13 10 13 10
 Lengths of Plating 6 frames 5 frames
 Shifts of Plating, and Stringers 2 do 2 do
 Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness ... 33 10 33 10
 Angle Iron on ditto 5x4 9 5x4 9
 Tie Plates fore and aft, outside Hatchways 13 10 13 10
 Diagonal Tie Plates on Beams No. of Pairs 4 1/2 13 10 13 10
 Flat of Up., Spar, or Awning Dk. * 4 Y.P 4
 How fastened to Beams Butt & screw bolts
 Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness
 Is the Stringer Plate attached to the outside plating?
 Angle Irons on ditto, No. ...
 Tie Plates, outside Hatchways ...
 Diagonal Tie Plates on Beams, No. of pairs
 Flat of Middle Deck* do. do.
 How fastened to Beams
 Stringer Plates on ends of Lower Deck, Hold or Orlop Beams ... 33 9 33 9
 Is the Stringer Plate attached to the outside plating? Yes
 Angle Irons on ditto, No. 2 and 1 gutterbar 4x4 9 4x4 9
 Stringer or Tie Plates, outside Hatchways 13 10 13 10
 Flat of Lower Deck* at fore & after ends & at sides as shown on plan 3 W.P 3
 Diagonal tie plates on Beams 13 10 13 10
 Ceiling betwixt Decks, thickness and material 6x2 1/2 W.P
 " in hold do. do. 2 1/2 R.P. 2 1/2
 Main piece of Rudder, diameter at head ... 6
 do. at heel ... 3
 Can the Rudder be unshipped afloat? Yes
 Bulkheads No. 1 No. per Rule 1
 " Thickness of 7/16 to 1/2
 " Height up Upper deck
 " How secured to sides of ship Double frames
 " Size of Vertical Angle Irons 3 1/2 x 3 x 5/16 and distance apart 30 ins.
 " Are the outside Plates doubled two spaces of Frames in length? Yes

The **FRAMES** extend in one length from Keel to Gunwale Riveted through plates with 7/8 in. Rivets, about 6 apart.
 The **REVERSED ANGLE IRONS** on floors and frames extend from middle line to Upper deck stringer and to alternate frames alternately
KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? Yes And butts properly shifted? Yes
PLATING. Garboard, double riveted to Keel, with rivets 1 1/2 in. diameter, averaging 5 1/2 ins. from centre to centre.
 " Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre.
 " Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 7/8 in. diameter averaging 3 1/2 ins. from centre to centre.
 " Butts of 4 Strakes at Bilge for half length, treble riveted with Butt Straps 7/16 in. thicker than the plates they connect.
 " Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.
 " Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.
Lower Edge of Main Sheerstrake, double or single riveted. **Upper Sheerstrake**, double or single riveted.
 " Butts of Main Sheerstrake, treble riveted for half length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.
 " Butts of Main Stringer Plate, treble riveted for half length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.
 " Breadth of laps of plating in double riveting 5 1/4 ins. Breadth of laps of plating in single riveting
 Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Treble & Double No. of Breasthooks, 6 Crutches, 6
 What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Best
 Manufacturer's name or trade mark, Parkhead, Monkland, Broomfield, Mossend, Strathm.
 The above is a correct description.
 Builder's Signature, Dobie & Co Surveyor's Signature, J. J. Howell
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Official Number

State clearly where plating is of alternate thicknesses as distinguished from uniform thickness. * If Iron Deck, state if whole or part, and if wood deck is laid thereon.

