

IRON SHIP.

133. Survey held at Dundee Date, First Survey April 3rd 1876 Last Survey Feb'y 13th 1877
 138. " Southesk " Master Charles Grey

under { 1077.56 ONE, OR TWO DECKED, THREE DECKED VESSEL.
 Deck }
 a Spar, }
 ing Deck }
 Poop, or } 77.57 DEPTH from upper part of Keel to top of Upper Deck Beams 23.9
 or Dit. }
 Houses } 16.61 GIRTH of Half Midship Frame (as per Rule) 35.11
 on Deck }
 Forecastle } 37.78 1st NUMBER 7702
 Tonnage } 1209.52 1st NUMBER, if a THREE-DECKED VESSEL [deduct 7 feet]
 Row Space } 55.40 LENGTH 218.6
 Engine Room } 2nd NUMBER 16833
 Tonnage } 1154.12 PROPORTIONS—Breadths to Length 6.3
 on Beam } Depths to Length—Upper Deck to Keel 9.2
 Main Deck ditto

Built at Dundee
 When built 1876-77 Launched 15th Jan'y 77
 By whom built Messrs A. Stephen & Sons
 Owners D. Bruce
 Port belonging to Dundee
 Destined Voyage Brisbane
 If Surveyed while Building, Afloat, or in Dry Dock.
While Building & Afloat

TH Deck as 218 6 BREADTH—Moulded... 34 8 DEPTH top of Floors to Upper Deck Beams 21 9
 Rule 14 3 Power of Engines ... Horse. N° of Decks with flat laid Two
 N° of Tiers of Beams Two

		Inches in Ship.		Inches per Rule.		Inches in Ship.		Inches per Rule.		Inches in Ship.		Inches per Rule.	
		Inches.	16ths.	Inches.	16ths.	Inches.	16ths.	Inches.	16ths.	Inches.	16ths.	Inches.	16ths.
Flat Keel Plates, breadth and thickness ...		36	11	36	11	36	11	36	11	36	11	36	11
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges of doubling at Bilge, or increased thickness, and length applied ...		25th	x 1	35th	1/16	1	x 2	22nd	1/16	1	x 2	22nd	1/16
fin up. part of Bilge to l. edge of Sh'rstrake		10		10		10		10		10		10	
Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Main to Upper or Spar Dk. Sh'rstrake.		40	12	40	12	40	12	40	12	40	12	40	12
Up. or Spar Dk. Sh'rstrake, breadth & thickness		90th	13	90th	13	90th	13	90th	13	90th	13	90th	13
Butt Straps to outside plating, breadth & thickness		11 1/2	16 3/4	11 1/2	16 3/4	11 1/2	16 3/4	11 1/2	16 3/4	11 1/2	16 3/4	11 1/2	16 3/4
Lengths of Plating ...		10.0		10.0		10.0		10.0		10.0		10.0	
Shifts of Plating, and Stringers ...		2 spaces		2 spaces		2 spaces		2 spaces		2 spaces		2 spaces	
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness ...		10.0		10.0		10.0		10.0		10.0		10.0	
Angle Iron on ditto ...		10.0		10.0		10.0		10.0		10.0		10.0	
Tie Plates fore and aft, outside Hatchways		10.0		10.0		10.0		10.0		10.0		10.0	
Diagonal Tie Plates on Beams No. of Pairs,		10.0		10.0		10.0		10.0		10.0		10.0	
Planksheer material and scantling ...		10.0		10.0		10.0		10.0		10.0		10.0	
Waterways do. do. ...		10.0		10.0		10.0		10.0		10.0		10.0	
Flat of Upper Deck do. do. ...		10.0		10.0		10.0		10.0		10.0		10.0	
How fastened to Beams		10.0		10.0		10.0		10.0		10.0		10.0	
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness		42	10	42	10	42	10	42	10	42	10	42	10
Is the Stringer Plate attached to the outside plating?		3es		3es		3es		3es		3es		3es	
Angle Irons on ditto, No. 2 10 3 1/2 x 3 x 7/16		5 x 4 x 9/16		5 x 4 x 9/16		5 x 4 x 9/16		5 x 4 x 9/16		5 x 4 x 9/16		5 x 4 x 9/16	
Tie Plates, outside Hatchways		12	10	12	10	12	10	12	10	12	10	12	10
Diagonal Tie Plates on Beams, No. of pairs		12	10	12	10	12	10	12	10	12	10	12	10
Waterways materials and scantlings		12	10	12	10	12	10	12	10	12	10	12	10
Flat of Middle Deck do. do. ...		12	10	12	10	12	10	12	10	12	10	12	10
How fastened to Beams		12	10	12	10	12	10	12	10	12	10	12	10
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams		31	9	31	9	31	9	31	9	31	9	31	9
Is the Stringer Plate attached to the outside plating?		3es		3es		3es		3es		3es		3es	
Angle Irons on ditto, No. 3 10 3 1/2 x 2 1/2 x 3/8		4 x 4	9	4 x 4	9	4 x 4	9	4 x 4	9	4 x 4	9	4 x 4	9
Stringer or Tie Plates, outside Hatchways		12	10	12	10	12	10	12	10	12	10	12	10
Flat of Lower Deck		12	10	12	10	12	10	12	10	12	10	12	10
Ceiling betwixt Decks, thickness and material in hold do. do. ...		pine	3	pine	3	pine	3	pine	3	pine	3	pine	3
Main piece of Rudder, diameter at head do. at heel ...		6"	2 1/2	6"	2 1/2	6"	2 1/2	6"	2 1/2	6"	2 1/2	6"	2 1/2
Can the Rudder be unshipped afloat?		no.		no.		no.		no.		no.		no.	
Bulkheads No. 1 Thickness of		7.16	6	7.16	6	7.16	6	7.16	6	7.16	6	7.16	6
Height up		Main Deck		Main Deck		Main Deck		Main Deck		Main Deck		Main Deck	
How secured to sides of ship		double frames		double frames		double frames		double frames		double frames		double frames	
Size of Vertical Angle Irons 5.3 x 9/16 and distance apart 30 ins.		5.3 x 9/16		5.3 x 9/16		5.3 x 9/16		5.3 x 9/16		5.3 x 9/16		5.3 x 9/16	
Are the outside Plates doubled two spaces of Frames in length?		3es		3es		3es		3es		3es		3es	

Transoms, material. Knight-heads. Hawse Timbers. Plates & Angles
 Windlass Iron Emerson and Walker's Patent

The FRAMES extend in one length from Keel to Forecastle Riveted through plates with 4.8 in. Rivets, about 7 apart.
 The REVERSED ANGLE IRONS on floors and frames extend from the middle line to upper deck stringers and to alternately
 KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? well connected And butts properly shifted? properly shifted

PLATING. Garboard, double riveted to Keel, with rivets 1 1/8 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 4 ins. from centre to centre.
 Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 7/8 in. diameter averaging 4 ins. from centre to centre.
 Butts of three Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 1/16 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 4 ins. from cr. to cr.
 Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 4 ins. from cr. to cr.
 Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.
 Butts of Main Sheerstrake, treble riveted for 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted ✓ length amidships.
 Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for ✓ length.
 Breadth of laps of plating in double riveting 6 diam. Breadth of laps of plating in single riveting 3 1/2 diam.

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? treble & double
 Waterway, how secured to Beams Gutter (Explain by Sketch, if necessary.) ribs and stringers
 Beams of the various Decks, how secured to the sides? welded bracket ends riveted to No. of Breasthooks, 6 Crutches, 6
 What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Good
 Manufacturer's name or trade mark, Angles and bulbs Messrs Iron Co: Plates Consett Iron Co:

The above is a correct description.
 Builder's Signature, Alb. Simpson & Sons Dundee Surveyor's Signature, J. H. Simpson
 Surveyor to Lloyd's Register of British and Foreign Shipping.

IRON 470-0359

