

# IRON SHIP. 7838

No. 4054 Survey held at Dundee Date, First Survey 27 Nov 1876 Last Survey 18 May 1877  
On the Paddle Steamer "Kaffrarian" Master John Reid

TONNAGE under Tonnage Deck	95.45	ONE, OR TWO DECKED, THREE DECKED VESSEL.	Built at Dundee.
Ditto of Third Spar, or Awning Deck.		SPAR, OR AWNING DECKED VESSEL.	When built 1876-77 Launched 14 April 1877
Ditto of Poop, or Raised Or. Dk.		HALF BREADTH (moulded) .. .. . 9.9	By whom built Mr W. B. Thompson
Ditto of Houses on Deck	Hatchways . 38	DEPTH from upper part of Keel to top of Upper Deck Beams 8.9	Kaffrarian Steam Shipping & Forwarding Co.
Ditto of Forecastle		GIRTH of Half Midship Frame (as per Rule) .. . 17.2	Owners Shipping and Forwarding Co.
Gross Tonnage	95.83	1st NUMBER .. . 36.0	Port belonging to East London
Less Crew Spaces	13.43	1st NUMBER, if a THREE-DECKED VESSEL [deduct 7 feet]	Destined Voyage East London
	82.40	LENGTH .. . 79.0	If Surveyed while Building, Afloat, or in Dry Dock.
Less Engine Room	35.46	2nd NUMBER .. . 3844.	While Building and Afloat.
Register Tonnage as out on Beam	46.94	PROPORTIONS—Breadths to Length .. under 4	
		Depths to Length—Upper Deck to Keel .. . 8.8.	
		Main Deck ditto .. .	

LENGTH on deck as per Rule	79	BREADTH—Moulded	19 9/32	DEPTH top of Floors to Upper Deck Beams	7	Power of Engines	40	Horse.	40	N° of Decks with flat laid	One
				Do. do. Main Deck Beams						N° of Tiers of Beams	One

Dimensions of Ship per Register, length, 79.8 breadth, 20.1 depth, 7.88

	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule
KEEL, depth and thickness	flat keel. see opposite.							
STEM, moulding and thickness	5 3/8 x 1 1/4	5 1/2 x 1 3/8						
STERN-POST for Rudder do. do. for Propeller	" "	" "						
Distance of Frames from moulding edge to moulding edge, all fore and aft	22	20						
FRAMES, Angle Iron, for 2/3 length amidships	3 3/2	2 1/2	6	2 1/2	5			
REVERSED FRAMES, Angle Iron	2 1/2	2 1/2	5	2 1/4	4			
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	12	6	11	5				
BEAMS, Upper, Spar, or Awning Deck	5	3	6	5	3	6		
BEAMS, Main, or Middle Deck	4 1/4	4						
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates	7 1/2	7	6	7 1/2	6			
BILGE STRINGER Angle Irons	3	3	6	3	3	6		
SIDE STRINGER Angle Irons	3	3	6	3	3	6		

Transoms, material. Knight-heads. Hawse Timbers. Plates & angles.

Windlass Double purchased ditto Stm Winch of Iron

The FRAMES extend in one length from Keel to main dk Sko and main rail alt. Riveted through plates with 3/4 in. Rivets, about 6 apart.

The REVERSED ANGLE IRONS on floors and frames extend across middle line to upper part of bilges and to bilges 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 3/4 in. diameter, averaging 3 3/8 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 3/4 in. diameter, averaging 3 3/8 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3 3/8 ins. from centre to centre.

Butts of one Strake at Bilge for 1/2 length, double 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 3/4 in. diameter, averaging 3 3/8 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3 3/8 ins. from cr. to cr.

Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.

Butts of Main Sheerstrake, double riveted for whole length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.

Butts of Main Stringer Plate, treble riveted for whole length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.

Breadth of laps of plating in double riveting 4 1/2. Breadth of laps of plating in single riveting 2 3/8.

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted?

Waterway, how secured to Beams By Gal. bolts (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the sides? knees turned & solid welded. No. of Breasthooks, one Crutches, one

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Solid.

Manufacturer's name or trade mark, Shell plates from Jones Bros of Tivoli & Bell Lloyds & Bell Newcastle; Floor plates Bonefield Iron Co Stockton; Frame & Beam angles, D Colville Motherwell.

The above is a correct description.

Builder's Signature, W. B. Thompson Surveyor's Signature, J. Dinnitt

Surveyor to Lloyd's Register of British and Foreign Shipping.

Official Number

IRON 471 - 0493

