

THUR. MAR 22 1900

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office

Date of completion of report 20th March 1900

State of Report is also sent on the Machinery of the Vessel

Port of Belfast

No. 5119

Survey held at Belfast

Date, First Survey 17th Jan. 1899

Last Survey 19th March 1900

In the Steel Screw Steamer "MIMIRO"

THREE DECKED VESSEL.

Rig Brigantine

TONNAGE under Tonnage Deck... 5846.07

CLASS 100A

Master F. Norman

Year of appointment

(1) As Master in service of owner of present vessel: 1900
(2) As Master of this vessel: 1900

between Tonnage Dk. and 3rd and 4th Dk.

total under Upper Dk.

of Poop 50.36

of Bridge House

of Forecastle 113.21

No. of Houses on Dk. 18.21

No. of excess of Hatchways above Crown of Engine Room 18.62

Gross Tonnage 6224.64

Less Crew Space 140.05

Less above Crown of Engine Room 18.62

Net Tonnage 6065.97

Less Engine Room 199.85

Less Navigation Spaces 67.79

Less above Crown of E.R. 4006.30

Register Tonnage 4024.92

as cut on Beam

Half Breadth (moulded) 27.5

Depth from upper part of Keel to top of Upper Deck Beams 34.16

Girth of Half Midship Frame (as per Rule) 57.5

deduct 7 feet 119.16

1st Number 112.16

Length on deck from after part of stem to fore part of stern post 437.96

2nd Number 49121

Proportions—Breadth to Length 7.96

Depth to Length—Upper Deck to top of Keel 12.82

Main Deck ditto 16.42

Destined Voyage Australia

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule 437 11 1/2 BREADTH—Moulded 55 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 30 0 1/2 No. of Decks with flat laid 2

Dimensions of Ship per Register, Length 440 breadth 55.16 depth 29.95 Moulded depth, ft. 33 ins. 0 To Upper Dk. Round of Upper Dk. Beam, Actual 13 ins.

FRAMING.				FORGINGS or CASTINGS.			
	Inches in Ship	Inches in Ship	20ths in Ship		Inches in Ship	Inches in Ship	20ths in Ship
FRAME, Angles, or 7, E or L Bars for 1/2 length amidships	7 3/2	10 1/2	7 3/2	KEEL, Bar or Side Plates, depth and thickness	4 flat plate keel		
Do. for 1/2 at each end	7 3/2	9 1/2	7 3/2	STEM, moulding and thickness	12 x 3 1/4	12 x 3 1/4	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	10 1/2	STERN-POST for Rudder do. do.	12 1/2 x 7 3/4	12 1/2 x 7 3/4	
" " at intermdt. Bkts.				" for Propeller	12 1/2 x 7 3/4	12 1/2 x 7 3/4	
Distance of Frames from moulding edge to moulding edge, all fore and aft	26 1/2		26	MAIN PIECE of Rudder, diameter at head	10 1/2	10 1/2	
REVERSED FRAME, Angles	8 3/2	10 1/2	8 3/2	" " do. at heel	8 1/2	8 1/2	
DEEP FRAMING, depth of girder	11 1/4		11 1/4	RUDDER, how constructed	Main piece round single plate 2 1/2		
LOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships	Cellular double bottom			Can the Rudder be unshipped afloat?	yes		
" in way of Engines and Boilers				KEELSONS & STRINGERS.			
thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Cellular double bottom		
depth at 1/2 the half breadth, as per Rule				" Rider Plate			
height extended at the Bilges				" Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS in Cell Dble Bottoms	48	9 1/2	48	" Horizontal Plates on Floors			
" " Distance apart	26 1/2		26	" Angles			
CENTRE GIRDER, in Double bottom, depth and thickness	48	11 1/2	48	SIDE KEELSON, Angles			
" " Angles, Top	4 4	10 1/2	4 4	" Bulb or Plate above floors, for lng.			
" " Bottom	5 5	12 1/2	5 5	" Intercoastal Plate, for length			
SIDE GIRDERS, number on each side & thickness	TWO 3 1/2	9-8	TWO 3 1/2	" Attached to outside Plating with Angle			
" " Angles	3 1/2	3 1/2	10 1/2	BILGE KEELSON, Angles			
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/4	10 1/2	3 1/4	" Bulb or Plate above floors, for lng.			
" " Angles to Outside Plating	4 4	10 1/2	4 4	" Intercoastal Plate for length			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	5 1/4	11 1/2	5 1/4	" Attached to outside Plating with Angle			
" " in Engine and Boiler space	E 11 20 B 9 1/6	E 11 20 B 9 1/6		BILGE STRINGER Angles			
" " Remainder in Holds	8 3/2	9-8	8 3/2	" Bulb Plate for length			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 1/2 x 3 1/2 x 12	8 x 3 1/2 x 3 1/2 x 12		" Intercoastal Plate for length			
" " Angles on upper edge	channels	channels		" Attached to outside Plating with Angle			
" " Average space	26 1/2	26		4 SIDE STRINGERS Angles TWO BULB ANGLES	9 3 1/2 12 9 3 1/2 12		
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9 x 3 1/2 x 3 1/2 x 11	9 x 3 1/2 x 3 1/2 x 11		" Bulb or Intercoastal Plate, for FULL lng	20 1/4 11 20 1/4 11		
" " Angles on upper edge	channels	channels		" Attached to outside plating with Angle	4 4 10 4 4 10		
" " Average space	26 1/2	26		Upper Deck Stringer Plates, br'dth & thickness	69 11 69 11		
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	13 13 13 13			" Angle on ditto	4 4 9 4 4 9		
" " Angles on upper edge	3 1/2 3 1/2 9 3 1/2 3 1/2 9			" Tie Plates fore and aft, outside Hatchways	Plating in accordance with rules		
" " Average space	52	52		" Deck, Iron or Steel, for FULL lng	9-8		
BEAMS, Hold, or Orlop, Plate or Tee Bulb				" Wood Deck, Material & thickness			
" " Angles on upper edge				Middle Deck Stringer Plate, br'dth & thickness	69 11 69 11		
" " Average space				" Angles on ditto, No. TWO	4 4 9 4 4 9		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	9 3 1/2 13 9 3 1/2 13			" Tie Plates outside Hatchways	Plating in accordance with rules		
" " Angles on upper edge				" Diagonal Tie Plates on Bms, No. of prs.			
" " Average space	52	52		" Deck, Iron or Steel, for FULL lng	9-8		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	9 3 1/2 13 9 3 1/2 13			" Wood Deck, Material & thickness			
" " Angles on upper edge				LOWER DECK STRINGER IN NO 3 HOLD			
" " Average space	52	52		" Lower Deck Stringer Plate, br'dth & thickness	57 10 57 10		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	10 10 10 10			" Angles on ditto, No. TWO	4 4 9 4 4 9		
" " Angles on upper edge				" Tie Plates, outside Hatchways	25 10 25 10		
" " Average space	52	52		" Deck, Material and thickness	No DECK LAID		
PILLARS, In 'tween Deck, size and spacing				Hold, or Orlop Stringer Plate, br'dth & thickness			
" " Hold	3 1/4 52 3 1/4 52			" Angles on ditto, No.			
" " Quarter 'tween Dks.,	4 5/8 52 4 5/8 52			" Tie Plates outside Hatchways			
" " in Hold				" Deck, Material and thickness			
WEB-FRAMES, In Fore Body, No. and spacing				Poop Deck Stringer Plate, breadth & thickness	40 7 40 7		
" " br'dth. & thickness				" Angle on ditto	4 4 10 4 4 10		
" " No. of Side Stringers				" Tie Plates	Beams plated over		
WEB-FRAMES, In E. & B. Space, No. and spacing				" Deck, Material and thickness	P.PINE		
" " br'dth. & thickness				Bridge Deck Stringer Plate, br'dth & thickness	50 11 50 11		
" " No. of Side Stringers				" Angle on ditto	4 4 12 4 4 12		
Size of Angles or Tee Bars to Web-Frames	4 1/2 4 10 4 1/2 4 10			" Tie Plates	Beams plated over		
PLATES to Stringers between				" Deck, Material and thickness	P.PINE		
" " br'dth. & thickness				Forecastle Deck Stringer Plate, br'dth & thickness	40 7 40 7		
" " No. of Side Stringers				" Angle on ditto	4 4 10 4 4 10		
" " Size of Angles or Tee Bars to Web-Frames				" Tie Plates	Beams plated over		
" " br'dth. & thickness				" Deck, Material and thickness	P.PINE		

[illegible]

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)
 (M) 31st Feb. 14th Nov. 1898. 24th April 1899 & 9th March 1900.

(M) 30th Sept. 14th Nov. 1890, 24th April 1891

Workmanship. Are the butts of plating planed or otherwise fitted? *frames & strap*
Is the riveted work properly closed? *yes*
Are the liners between the frames and plates solid single pieces? *yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes* Do any rivets break into or through the seams or butts of plating? *A very few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes* State results of tests *Satisfactory*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *yes* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the approved plans, the Secretary's letters as above stated and, in other respects as required by the Rules; the material and workmanship are good.*

The vessel has been placed in dry dock and the bottom cleaned, examined and recoated.

This is a duplicate vessel of the T.S. "Tan of Australia" Report No. 5042
The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *22* ft., R.Q.D. or Break — ft., Bridge Dk. and ft., F'castle *28* ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Poop, Bridge & fore-castle are joined together making a continuous shelter deck.*
No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *2 tks (Pl.) & deck framing & shelter dk.*
Official No. *112681*; Signal Letters —
How are the surfaces preserved from oxidation? Inside *Portland cement & paint* Outside *Paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.					
Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	110.5	290	Fore peak tank,	-	-
Double bottom, under Engines and Boilers,	68.0	272	After peak tank,	-	95
Double bottom, if under Engines only,	-	-	Midship deep tank,	-	-
Double bottom, if under Boilers only,	-	-	Other tanks, if fitted,	-	-
Double bottom, forward,	199.3	725	(If necessary, furnish further information by sketch.)	-	-

State whether the above have been tested as required by the Rules. *Yes*

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Act.

No.	Order for Special Survey No.	Dates of Surveys	Remarks	Total No. of Visits
163	434	1899-Jan. 17, Feb. 23, 27, Mar. 24, 28, Apr. 7, 11, 13, 19, 25, May 31, 11, 15, 17, 23, 29, 31, June 2, 9, 15, 20, 24, 28, July 4, 11, 18, 25, 28, Aug. 2, 4, 8, 10, 15, 18, 21, 23, 25, Sept. 4, 11, 13, 14, 21, 26, Oct. 2, 7, 10, 13, 19, 23, 24, 30, Nov. 2, 10, 11, 15, 19, 22, 23, 24, 25, 29, 30, Dec. 4, 6, 8, 13, 14, 15, 18, 21, 1900-Jan. 4, 5, 10, 12, 15, 17, 19, 23, 23, 24, 25, 27, 30, Feb. 2, 5, 9, 12, 14, 19, 21, 26, Mar. 1, 6, 8, 12, 13, 15, 19.	old white building in builder's yard.	99

The amount of Entry Fee £ 5 : 0 : 0
Special Survey Fee £ 76 : 13 : 0
Travelling Expenses, if any £ - : - : -

Fees applied for,
20-3-00
Received by me,
24-3-00

State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed 700 A.1. STEEL "SHELTER DECK"
With or without Freeboard, as condition of Class.

Certificate to be sent to This Office

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

Committee's Minute
Character assigned
a tcl
+ 2mc 3.00
100A Steel
Shelter dk.
WV

The Surrogate are requested not to write on