

3 Decks.

Baltonia
IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel Yes Hpl 11/68

Received at London Office LHR. APR 17 1902

Date of completion of report 16 April 02

Port of Middlesbro

No. 3328

Survey held at Middlesbro

Date, First Survey 13th March 01 Last Survey 2nd April 1902

On the 3/5

Akabo

Rig S1

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of Houses of Hatchways

Do. of Crown of

Room

Do. of Space

Do. of Crown of

Room

Do. of FOR FEES..

Do. of Fine Room

Do. of Navigation Spaces

Do. of Tonnage

on Beam

THREE DECKED VESSEL.

CLASS 100 A1

FEET.

Master Joseph Morgan

Year of appointment

(1) As Master in service of owner of present vessel—1891

(2) As Master of this vessel—1902

Built at Middlesbro

When built 1902 Launched 24 Dec 01

By whom built Sir Layton Dixon & Co Ltd

Owners British & African Steam Navigation Co Ltd (1900) Ltd

Managers Elder Dempster & Co

(Where necessary to be entered in Reg. Book.)

Residence Liverpool

Port belonging to Liverpool

Half Breadth (moulded) 21.90

Depth from upper part of Keel to top of Upper Deck Beams 26.91

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 45.12

deduct 7 feet..... 93.93

1st Number 86.93

Length on deck from after part of stem to fore part of stern post 349.66

2nd Number 30395

Proportions—Breadth to Length 7.98

Depth to Length—Upper Deck to top of Keel 12.99

Main Deck ditto 19.61

Destined Voyage Liverpool

If Surveyed while Building, Afloat, or in Dry Dock Yes

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
349	8	Moulded	43	9 1/2	Do.	Do.	23	5	2
					Do.	Do.	14	4	No. of Tiers of Beams 2nd frame

Length of Ship per Register, Length 352.2 breadth 44.25 depth 23.6 Moulded depth, ft. 26 ins. 0 To Upper Dk. Round of Upper Dk. Beam, Actual 11 ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	FORGINGS OR CASTINGS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Angles, or L or E Bars for 1/2 length amidships	5 1/2	3 1/2	8	5 1/2	3 1/2	KEEL, Bar or Side Plates, depth and thickness	Flat plate keel	11 x 2 3/4	11 x 2 3/4	11 x 2 3/4	11 x 2 3/4
or 1/2 at each end	3 1/2	3 1/2	8	3 1/2	8	STEM, moulding and thickness	11 x 6 1/2	11 x 6 1/2	11 x 6 1/2	11 x 6 1/2	11 x 6 1/2
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	3 1/2	8	STERN-POST for Rudder do. do.	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
" at intermdt. Bkts.	24	24	24	24	24	" for Propeller	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
of Frames from moulding edge to ing edge, all fore and aft	4	3 1/2	8	4	3 1/2	MAIN PIECE of Rudder, diameter at head	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
SED FRAME, Angles	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	" do. at heel	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
FRAMING, depth of girder	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	RUDDER, how constructed	Single plate 2 1/2 x 20	Circular stock	Can the Rudder be unshipped afloat?	Yes	Coupled
S, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	42	8	42	8	42	KEELSONS & STRINGERS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Way of Engines and Boilers	42	11	42	11	42	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	54	13	54	13	54
Thickness at the ends of vessel	42	8	42	8	42	" Rider Plate	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2
Depth at 1/2 the half breadth, as per Rule	42	8	42	8	42	" Bulb Plate to Intercoastal Keelson	3 1/2	7	3 1/2	7	3 1/2
Eight extended at the Bilges	42	8	42	8	42	" Horizontal Plates on Floors	3 1/2	7	3 1/2	7	3 1/2
S & BRACKETS in Cell Dble Bottoms	42	8	42	8	42	" Angles	3 1/2	7	3 1/2	7	3 1/2
" Distance apart	42	8	42	8	42	SIDE KEELSON, Angles	3 1/2	7	3 1/2	7	3 1/2
E GIRDER, in Double bottom, depth and thickness	42	8	42	8	42	" Bulb or Plate above floors, for lng.	3 1/2	7	3 1/2	7	3 1/2
" Angles, Top	42	8	42	8	42	" Intercoastal Plate, for length	3 1/2	7	3 1/2	7	3 1/2
" Bottom	42	8	42	8	42	" Attached to outside Plating with Angle	3 1/2	7	3 1/2	7	3 1/2
ORDERS, number on each side & thickness	42	8	42	8	42	BILGE KEELSON, Angles	3 1/2	7	3 1/2	7	3 1/2
" Angles	42	8	42	8	42	" Bulb or Plate above floors, for lng.	3 1/2	7	3 1/2	7	3 1/2
N PLATE, depth (exclusive of flange) and thickness	42	8	42	8	42	" Intercoastal Plate for length	3 1/2	7	3 1/2	7	3 1/2
" Angles to Outside Plating	42	8	42	8	42	" Attached to outside Plating with Angle	3 1/2	7	3 1/2	7	3 1/2
BOTTOM PLATING, breadth and thickness of Middle Line Strake	42	8	42	8	42	BILGE STRINGER Angles	3 1/2	7	3 1/2	7	3 1/2
" in Engine and Boiler space	42	8	42	8	42	" Bulb Plate for length	3 1/2	7	3 1/2	7	3 1/2
" Remainder in Holds	42	8	42	8	42	" Intercoastal Plate for length	3 1/2	7	3 1/2	7	3 1/2
Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	" Attached to outside Plating with Angle	3 1/2	7	3 1/2	7	3 1/2
Angles on upper edge	42	8	42	8	42	SIDE STRINGERS Angles	3 1/2	7	3 1/2	7	3 1/2
Average space	42	8	42	8	42	" Bulb or Intercoastal Plate, for lng.	3 1/2	7	3 1/2	7	3 1/2
Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	" Attached to outside plating with Angle	3 1/2	7	3 1/2	7	3 1/2
Angles on upper edge	42	8	42	8	42	Upper Deck Stringer Plates, breadth & thickness	54	13	54	13	54
Average space	42	8	42	8	42	" Angle on ditto	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	" Tie Plates fore and aft, outside Hatchways	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2
Angles on upper edge	42	8	42	8	42	" Deck, * Iron or Steel, for full lng.	3 1/2	7	3 1/2	7	3 1/2
Average space	42	8	42	8	42	" Wood Deck. Material & thickness	3 1/2	7	3 1/2	7	3 1/2
Hold, or Orlop, Plate or Tee Bulb	42	8	42	8	42	Middle Deck Stringer Plate, breadth & thickness	54	10	54	10	54
Angles on upper edge	42	8	42	8	42	" Angles on ditto, No. 2	4 x 4	9	4 x 4	9	4 x 4
Average space	42	8	42	8	42	" Tie Plates outside Hatchways	4 x 4	9	4 x 4	9	4 x 4
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	" Diagonal Tie Plates on Bns, No. of prs.	4 x 4	9	4 x 4	9	4 x 4
Angles on upper edge	42	8	42	8	42	" Deck, * Iron or Steel, for half lng.	3 1/2	7	3 1/2	7	3 1/2
Average space	42	8	42	8	42	" Wood Deck. Material & thickness	3 1/2	7	3 1/2	7	3 1/2
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	Lower Deck Stringer Plate, breadth & thickness	42	9	42	9	42
Angles on upper edge	42	8	42	8	42	" Angles on ditto, No.	4 x 4	9	4 x 4	9	4 x 4
Average space	42	8	42	8	42	" Tie Plates, outside Hatchways	4 x 4	9	4 x 4	9	4 x 4
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	42	8	42	8	42	" Deck, * Material and thickness	3 1/2	7	3 1/2	7	3 1/2
Angles on upper edge	42	8	42	8	42	Hold, or Orlop Stringer Plate, breadth & thickness	42	9	42	9	42
Average space	42	8	42	8	42	" Angles on ditto, No.	4 x 4	9	4 x 4	9	4 x 4
IS, In 'tween Deck, size and spacing	42	8	42	8	42	" Tie Plates outside Hatchways	4 x 4	9	4 x 4	9	4 x 4
" Hold	42	8	42	8	42	" Deck. Material and thickness	3 1/2	7	3 1/2	7	3 1/2
" Quarter 'tween Dks.,	42	8	42	8	42	Poop Deck Stringer Plate, breadth & thickness	42	9	42	9	42
" in Hold	42	8	42	8	42	" Angle on ditto	4 x 4	9	4 x 4	9	4 x 4
AMES, In Fore Body, No. and spacing	42	8	42	8	42	" Tie Plates	4 x 4	9	4 x 4	9	4 x 4
" No. of Side Stringers	42	8	42	8	42	" Deck. Material and thickness	3 1/2	7	3 1/2	7	3 1/2
WEB-FRAMES, In E. & B. Space, No. & spacing	42	8	42	8	42	Bridge Deck Stringer Plate, breadth & thickness	42	9	42	9	42
" breadth & thickness	42	8	42	8	42	" Angle on ditto	4 x 4	9	4 x 4	9	4 x 4
WEB-FRAMES, In After Body, No. and spacing	42	8	42	8	42	" Tie Plates	4 x 4	9	4 x 4	9	4 x 4
" breadth & thickness	42	8	42	8	42	" Deck. Material and thickness	3 1/2	7	3 1/2	7	3 1/2
" No. of Side Stringers	42	8	42	8	42	Forecastle Deck Stringer Plate, breadth & thickness	42	9	42	9	42
" Size of Angles or Tee Bars to Web-Frames	42	8	42	8	42	" Angle on ditto	4 x 4	9	4 x 4	9	4 x 4
BRACKET PLATES to Stringers between Web Frames, depth and thickness	42	8	42	8	42	" Tie Plates	4 x 4	9	4 x 4	9	4 x 4

