

Spar, or Awning Dk. IRON OR STEEL STEAMER.

No. 4847

State of Report is also sent on the Machinery of the Vessel, to be sent from Liverpool.
 Port of *Belfast* Date of completion of Report *April 30th 1898* Received at London Office
 Survey held at *Belfast* Date, First Survey *Jan^y 16th 1897* Last Survey *Feb^r 26th 1898*
 the *Steel Twin Screw Steamer "Mormouth"* Rig *Schr - 4 masts* 1898

NAME under management *4735.61* SPAR, ~~AWNING~~ OR PART AWNING-DECKED VESSEL, Master
 Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk. *189.26* or a vessel having a continuous Shade Deck.
 CLASS *100A* FEET.
 Half Breadth (moulded) *28.* Built at *Belfast*
 Depth from upper part of keel to top of Main Deck Beams *29.29* When built *1898* Launched *Dec. 23rd 97*
 Girth of Half Midship Frame (as per Rule) *52.25* By whom built *Harland & Wolff Ltd*
 1st Number *109.54* Owners *African Steam Ship Co.*
 Length *480* Managers *Elder, Dempster & Co.*
 2nd Number *53455* (Where necessary to be entered in Reg. Book, No. of present vessel, -1898)
 Proportions Breadths to Length *2.7* Residence *215th St. Helens*
 Depths to Length—Main Deck to top of Keel *16.6* Port belonging to *London*
 Destined Voyage *New Orleans* If Surveyed while Building, Afloat, or in Dry Dock While Bldg

LENGTH on Deck *480* Feet. Inches. BREADTH—Feet. Inches. DEPTH, top of Floors to Spar or Awn. Dk. Beams *29.29* Feet. Inches. Power of Horse. No. of Decks with flat laid *Three*
 per Rule. *480* Moulded. *56* Do. do. Main Deck Beams *25* *02* Engines *470* No. of Tiers of Beams *Three*
 Dimensions of Ship per Register, Length *490.5* breadth *56.3* depth *32.95* Spar or Awn. Dk. Moulded depth, ft. *28* ins. *6* To Main Dk. Round up of *92* ins.
 Main Deck. " " " *36* " *52* " *52* " *52* "

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches 20ths in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	Inches 20ths in Ship.	Inches per Rule Or as Approved.
AME, Angles, or Bars, for 1/2 length amidships	4 3/4	3 1/2	13 1/2	KEEL, Bar or Side Plates, depth and thickness	Flat 10 x 3	10 x 3	Flat
do. for 1/4 at each end	7 3/4	3 1/2	11 1/4	STEM, moulding and thickness	12 x 3 3/4	12 x 3 3/4	12 x 3 3/4
do. in way of Double Bottoms at Solid Floors	13 1/2	3 1/2	10 1/2	STERN-POST for Rudder do. do.	13 x 8	13 x 8	13 x 8
" " at intermdt. Bkts.				" " for Propeller	13 x 8	13 x 8	13 x 8
Space of Frames from moulding edge to moulding edge all fore and aft	30		30	MAIN PIECE of Rudder, diameter at head	11 1/2	11 1/2	11 1/2
do. at heel	27 1/2	7 1/2	10 1/2	do. at heel	27 1/2	7 1/2	10 1/2
REVERSED FRAME, Angles.	4	4	10 4	RUDDER, how constructed	Cast steel frame, single plate 1/4		
DEEP FRAMING, depth of girder				Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engines and Boilers							
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
DOORS & BRACKETS, in Cell Dble Bottoms	51 1/2	10 3/4	51 1/2				
Distance apart	30		30				
INTER GIRDER, in Double bottom, depth and thickness	51	11 1/2	11				
" Angles, Top	4	4	10 4				
" Bottom	4 1/2	4 1/2	14 4 1/2				
DEE GIRDERS, number and thickness	2 1/2	10 3/4	2 1/2				
" Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness	34	10 3/4	10				
" Angles	4	4	10 4				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	52	11 3/4	11				
" thickness in Engine and Boiler space							
" Remainder in Holds							
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 3/4	3 3/4	12 1/2				
Angles on upper edge	Channel	Channel	Channel				
Average space	30		30				
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 3/4	3 3/4	12 1/2				
Angles on upper edge	Channel	Channel	Channel				
Average space	30		30				
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 3/4	3 3/4	12 1/2				
Angles on upper edge	Channel	Channel	Channel				
Average space	30		30				
BEAMS, Hold, or Orlop, Plate or Tee Bulb							
Angles on upper edge							
Average space							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2 x 3	10 3/4	7 1/2 x 3				
Angles on upper edge	Bulb angle	Bulb angle	Bulb angle				
Average space	30		30				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 1/2	10 3/4	8 x 3 1/2				
Angles on upper edge	Bulb angle	Bulb angle	Bulb angle				
Average space	30		30				
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Angles on upper edge	Bulb angle	Bulb angle	Bulb angle				
Average space	30		30				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 1/2	10					

PLATING.										RIVETING.											
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.						
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	51	20	10	10	51	20	Double	7	15	5	Double	15	4	20	14	Double	15	4	20	14	Double
GARBOARD OR A STRAKE	52	15	14	15	30	15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
B	"	14	14	15	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
C	"	14	13	15	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
D	"	14	12	15	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
E	"	15	11	15	15	15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
F	"	16	11	15	10	10	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
G	"	15	11	14	15	15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
H	"	15	11	14	15	15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
J	"	14	11	13	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
K	"	15	11	14	15	15	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
L	"	14	11	14	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
M	"	14	11	14	14	14	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
N	"																				
O	"																				
P	"																				
Q	"																				
DOUBLING OF PLATE KEEL																					
Length and thickness of Bilges																					
Length and thickness of Sheerstrakes																					
Length and thickness of Strake below																					
POOR SIDES																					
BRIDGE SIDES																					
FORECASTLE SIDES																					
Manufacturer's name or trade mark of Steel used for Plating																					
FRAMES																					
REVERSED FRAMES																					
No Square Sail																					
LOWER MASTS																					
Foremast																					
Mainmast																					
Mizzenmast																					
Bowsprit																					
Topmasts, Yards and Remain																					
Rigging, Material and Size, Sails																					
EQUIPMENT No. 680																					
Number of Certificate																					
Anchors																					
Weight																					
Cwts.																					
39942 1st Bower																					
39944 2nd "																					
39945 3rd "																					
39946 Collective weight																					
39947 Stream																					
39949 Kedger																					
12																					
Number of Certificate																					
Fathoms																					
Size																					
C																					
25584 150 22																					
25585 150 22																					
120 54																					
Boats																					
Pumps																					
Windlass																					
Engine Room																					
Skylights																					
What arrangements for deadlight																					
Coal Bunker Openings																					
How constructed																					
How are lids secured																					
Height above deck																					
Number of Scuppers																					
Number and dimensions of Freeing Ports																					
Ceiling in Holds																					
Thickness and material																					
Cargo Hatchways																					
How formed																					
State size																					
No. 1 Hatch																					
No. 2 Hatch																					
No. 3 Hatch																					
No. 4 Hatch																					
Number of Web Plates																					
Shifting Beams																					
Fore and Afters																					
Each of No. 4, 5 and 6																					
No. of Breasthooks																					
No. of Crutches																					
Bulwarks																					
Height above deck and description																					
The above is a correct description																					
Builder's Signature																					
Surveyor's Signature																					

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *M*

Jan. 20th, June 24th 1897, E. June 5th 1897, M. Aug. 13th and Aug. 25th 1897.

Workmanship. Are the butts of plating planed or otherwise fitted? *planed*

Are the rivets properly closed? *yes*

Do the liners between the frames and plates solid single pieces? *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? *very few*

Are the butts of plating, strakes, &c., properly shifted and strapped? *yes*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the approved tracing of Midship section forwarded on the 24th instant, and with the accompanying approved tracings of longitudinal section and shade deck, excepting where alterations were subsequently made—as shown on the revised longitudinal section enclosed herewith; the Secretary's letters dated as above have been complied with, so far as they apply, and the Rules in all other respects have been adhered to.*

All pumps and watertight doors have been examined and tested and found efficient, and the weather decks tested with a hose and found satisfactory.

The rivets are spaced closer than required by the Rules in most parts of the vessel.

The materials used in her construction, and the workmanship are very good.

The Machinery for this vessel has been made & fitted in Liverpool.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

Particulars for Record in the REGISTER BOOK.—Length of Poop *ft.*, R.Q.D. or Break *ft.*, Bridge Dk. *ft.*, F'castle *ft.*

When the Poop is joined to the B.D., this should be distinctly stated.

A complete shade deck has been fitted.

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 Dks (Stl), Spar dk (Stl) with Shade dk (Stl).*

Official No. *26*; Signal Letters *B*

How are the surfaces preserved from oxidation? Inside *Asphalte (Pitchies)* Outside *paint*

Particulars of Water Ballast.—State whether the Double bottom is constructed on the cellular system *yes*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	145	505	Fore peak tank,		
Double bottom, forward,	120	354	After peak tank,		
Double bottom, under Engines and Boilers,	62.5	252	Midship deep tank,	42.5	920
Double bottom, if under Engines only,		141.1	Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules. *yes and all found satisfactory*

For Special Survey No. *410*

Date *Mar. 16th 1897*

For Ordinary Survey No. *—*

Date *—*

in builder's yard *B*

DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought *Jan. 16, Mar. 29, Apr. 7, 14, 28, May 10, 13, 20, 25.*

2nd. On the plating during the process of riveting *June 1, 5, 16, July 1, 20, 26, Aug. 3, 4, 7, 27, Sep. 2, 3, 7.*

3rd. When the beams were in and fastened, and before the decks were laid *14, 17, 22, 30, Oct. 6, 11, 14, 20, 26, Nov. 3, 6, 12, 18, 24, 29.*

4th. When the ship was complete, and before the plating was finally coated or cemented *Dec. 1, 3, 6, 7, 10, 15, 20, 21, 23, Jan. 5, 6, 18, 27, 31, Feb. 9.*

5th. After the ship was launched and equipped *14, 17, 21, 22, 25, 1897*

Total No. of Visits *57*

Amount of Entry Fee *5:0:0*

Special Survey Fee *215:9:0*

Travelling Expenses, if any £ *30:4:18*

Fees applied for, *20:4:18*

Received by me, *30:4:18*

Certificate to be sent to *This Office*

In opinion this Vessel should be Classed *+ 100 ft 1. Steel Spar Deck*

With or without Freeboard, as condition of Class *with*

Committee's Minute *TUES. 10 MAY 1898*

Character assigned *100 ft (steel) Spar dk with freeboard 58-10*

2 Dks (stl) & spar dk (stl) & shade dk (stl)

2 Ash P

+ L.M.B. 5.98

Elect light

Builder's Signature *H. Landt, woe R. H.*

Surveyor's Signature *James Curpin*

Surveyor to Lloyd's Register of British & Foreign Shipping