

Spar, Awning or  
Part Awning Dk.

## IRON OR STEEL STEAMER.

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

Date of completion of Report

13 June 1893

Port of

Belfast

No. 4261 Survey held at

Belfast

Date, First Survey

30<sup>th</sup> Dec

Last Survey

5 June

1893

On the

Steel Screw Steamer "Ardanathu"

Rig

Schooner

TONNAGE under

Tonnage Deck...  
Do. between Tonnage Dk.  
and 3rd, 4th, Spar or  
Awning Dk.

Total under Upper Dk. 1916.18

Do. of Poop

Do. of Rais d'Or.

Do. of Bridge House

Do. of Houses on Deck

Do. of excess of Hatchways

Do. of Forecastle

Do. above Crown of

Engine Room ..

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room ..

TONNAGE FOR FEES...

Less Engine Room

Less Navigation Spaces

+ Light-room

Register Tonnage

as cut on Beam...

SPAR, AWNING OR PART AWNING-DECKED VESSEL,  
or a Vessel having a continuous Shade Deck.

CLASS

100 A1 SPAR dk

FEET.

Master

J Walker

Year of Appointment

(1) As Master in service of  
owner of present vessel:—18  
(2) As Master of this  
vessel:—1893

Built at

Belfast

When built

1893

Launched

32 May 93

By whom built

Wolman Clark &amp; Co

Owners

Clark &amp; Service (mfrs)

Managers

do.

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

Residence

Glasgow

Port belonging to

do

Destined Voyage

Jamaica via Glasgow

If Surveyed while Building, Afloat, or in Dry Dock

Building

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, top of Floors to Spar or Awn. Dk. Beams	Feet.	Inches.	Power of Horse.	No. of Decks with flat laid
as per Rule.....	279	9	Moulded ..	39	5 1/2	Do. do. Main Deck Beams	15	7	Engines 250	No. of Tiers of Beams

Dimensions of Ship per Register, Length 281.75 breadth 39.75 depth 22.5 Spar or Awn. Dk. Moulded depth, ft. 25 ins. 3 1/2 To Main Dk. Round up of Beam, Main Dk. 10 ins.

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

" " for Propeller.....

MAIN PIECE of Rudder, diameter at head ..

do. at heel ..

RUDDER, how constructed Cast steel &amp; Centre plate

Can the Rudder be unshipped afloat? Yes

## FRAMING.

FRAME Angles, on 1 Bars for 1/2 length amidships

Do. for 1/2 at each end deep frame

Do. in way of Double Bottoms

Distance of Frames from moulding edge to

moulding edge, all fore and aft

REVERSED FRAME Angles

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

FLOORS &amp; BRACKETS, in Cell Dble Bottoms

Distance apart.....

CENTRE GIRDER, in Double bottom, depth

and thickness

Angles, Top 4x4x9-8 Bottom

E GIRDERS, number and thickness

Angles

RGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake....

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Spar or Awning Deck, Single Angle

Bulb Angle, Plate or Tee Bulb.....

Angles on upper edge

Average space

BEAMS, Main Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Hold, or Orlop, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

BEAMS, Bridge Deck, Angle, Bulb Angle,

Plate, or Tee Bulb

Angles on upper edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on upper edge

Average space

LARS, In 'tween Decks, Size and Spacing

Hold

FRAMES, In Fore Body, No. and spacing

br'dth and thickness

No. of Side Stringers

WEB FRAMES, In After Body, No. and spacing

br'dth and thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

BRACKET PLATES to Stringers between

Web Frames, depth and thickness

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle...

BILGE KEELSON, Angles

Bulb or Plate above floors, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle ..

BILGE STRINGER Angles

Bulb Plate, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle ..

SIDE STRINGER Angles

Bulb or Intercoastal Plate, for length

Spar, or Awning Deck Stringer Plates, on

ends of Beams, breadth and thickness

Angle on ditto

Tie Plates, fore and aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of prs.

Flat of Deck, \* Iron or Steel, for all len.

Wood \* Material and thickness

How fastened to Beams

Main Deck Stringer Plate, breadth &amp; thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Diagonal Tie Plates on Bms., No. of prs.

Flat of Deck, \* Iron or Steel, for all len.

Wood \* Material and thickness

How fastened to Beams

Lower Deck Stringer Plates, br'dth &amp; thckn's

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck, \* Material and thickness...

How fastened to Beams

Hold, or Orlop Stringer Plate, br'dth &amp; thckn's

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck, \* Material and thickness

How fastened to Beams

Poop Deck Stringer Plate, breadth &amp; thickness

Angles on ditto

Tie Plates

Flat of Deck, \* Material and thickness

Bridge Deck Stringer Plate, br'dth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, \* Material and thickness

Forecastle Deck Stringer Plate, br'dth &amp; th'kns

Angle on ditto

Tie Plates

Flat of Deck, \* Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

Dblng or inersd thckn's &amp; len. appl.

PLATES in Garboard Strakes, breadth &amp; thckn's

from Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom

Bilges, No. of Strakes and thickness

Of doubling at Bilge, or increased thickness, length applied

from up part of Bilge to lr. edge of Sh'rstrake

Main Sheerstrake, breadth and thickness

Of doubling at Sh'rstk. &amp; lng. applied

from Main to Spar Dk. or Awn. Dk. Sh'rstk

Spar or Awn. Dk. Sh'rstk, br'dth &amp; thckn's

20ft doubling &amp; end of bridge

Poop sides

Bridge sides

Forecastle sides

Lengths of Plating



Ceiling betwixt Decks, thickness and material			No. in Vessel			No. Reqd. by Rule											
" in hold do. do.			Thickness Angles Spacing Height up			Sngl. or Dbl. Frames											
Number of Breasthooks			PARTITIONS			LONGITUDINAL											
" Crutches			Are the outside Plates doubled two spaces of Frames in length?			The FRAMES extend in one length from											
The REVERSED ANGLE on floors and frames extend from			Riveted through Plates with			in Rivets, about											
RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.																	
Carboard, double riveted to Bar Keel or Flat Plate Keel, with rivets									one in. diameter, averaging 4 in. ins. from centre to centre.								
Edges of Carboards and to upper part of Bilge, worked clench,									double riveted; with rivets 7/8 in. diameter, averaging 3 1/6 ins. from centre to centre.								
Butts from Keel to turn of Bilge, worked carvel, treble or double riveted; treble for									length; with rivets in. dia., averaging ins. from cr. to cr.								
" " " " overlapped for all length, treble riveted for all length; with rivets 7/8 in. dia., averaging 3 1/2 ins. from cr. to cr.									thicker than the plates they connect.								
Butts of Strakes at Bilge for length, treble riveted with Butt Straps									double or single riveted.								
Edges from Bilge to Main Sheerstrake, worked clench, double or single riveted; with rivets 7/8 in. diameter, averaging 3 1/6 ins. from centre to centre.									Butts from Bilge to Main Sheerstrake, worked carvel, treble or double riveted; treble for length; with rivets in. dia., averaging ins. from cr. to cr.								
" " " " overlapped for all length, treble riveted for all length; with rivets 7/8 in. dia., averaging 3 1/2 ins. from cr. to cr.									Butts from Bilge to Main Sheerstrake, double or single riveted.								
Edges of Main Sheerstrake, double or single riveted.									Spar or Awning Sheerstrake, double or single riveted.								
Butts of Main Sheerstrake, treble riveted for all length amidships.									Butts of Spar or Awning Sheerstrake, treble riveted length amidships.								
Butts of Main Stringer Plate, treble riveted for 1/2 length amidships.									Butts of Spar or Awning Stringer Plate, treble riveted for 1/2 length.								
" " " " Single or Double Straps for length amidships.									" " " " Single or Double Straps for length.								
Butts of Inner Bottom Plating double riveted for 1/2 length.									Butts of Centre Girder treble riveted.								
Breadth of edge laps of Shell Plating in double riveting									Breadth of edge laps of Shell Plating in single riveting								
Butt Straps of Shell Plating, breadth and thickness									Butts, If Lapped, breadth of laps								
Butt Straps of Keelsons, Stringer and Tie Plates, treble or double, riveted									Treble								
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.?									James & R. Co. D. Colwell & Son. Messrs. Sumner & Co. Messrs. Stoddard & Co. Messrs. Mather & Co. Messrs. Jones & Co. Messrs. Smith & Co. Messrs. Brown & Co. Messrs. White & Co. Messrs. Black & Co. Messrs. Green & Co. Messrs. Hall & Co. Messrs. King & Co. Messrs. Lee & Co. Messrs. Scott & Co. Messrs. Adams & Co. Messrs. Baker & Co. Messrs. Carter & Co. Messrs. Evans & Co. Messrs. Foster & Co. Messrs. Gibson & Co. Messrs. Harlow & Co. Messrs. Heath & Co. Messrs. Hill & Co. Messrs. Jones & Co. Messrs. King & Co. Messrs. Lee & Co. Messrs. Scott & Co. Messrs. Adams & Co. Messrs. Baker & Co. Messrs. Carter & Co. Messrs. Evans & Co. Messrs. Foster & Co. Messrs. Gibson & Co. Messrs. Harlow & Co. Messrs. Heath & Co. Messrs. Hill & Co. Messrs. Jones & Co. Messrs. King & Co. Messrs. Lee & Co. Messrs. Scott & Co. 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Order for Special Survey No. 355  
 Date 6th Sep 92  
 Order for Ordinary Survey No. 102  
 Date ✓  
 No. 102 in builder's yard.

Dives of Surveys ✓  
 while building ✓  
 as per Section 48.

1st. On the several parts of the frame, when in place, and before the plating was wrought. Dec 30 Jan 13, 14, 19, 26 Feb 26 13 18  
 2nd. On the plating during the process of riveting 21. 28. Mar 2 6 9 11 16 21 24 28 Apr 6 12 14  
 3rd. When the beams were in and fastened, and before the decks were laid. 17. 21. 26. 29 May 3 10 13 15 14 22 25  
 4th. When the ship was complete, and before the plating was finally coated or cemented. 27 31 June 1, 2, 3, 4, 5.  
 5th. After the ship was launched and equipped

Total No. of Visits 40

State dates and initials of letters respecting this case *12 July 92. 5.22 Aug 92. 597 Sep 92. 30 Nov 92. 14.27 Feb 93. 3/3/93*

General Remarks (State quality of workmanship, &c.)

This vessel has been built under special survey in accordance with the enclosed plans & in number & the section already sent forward. Also in compliance with the Secretary's letters of above date. The rules of the society have been adhered to & the material & workmanship are good throughout. The watertight doors & pumps work satisfactorily.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 23 ft., R.Q.D. or Break ☒ ft., Bridge Dk. 70 ft., F'castle 36 ft.,  
(in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated ☒

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) 1 Dk (Stl) & 8 par dk (Stl w/) deck frames

Official No. 102594 ; Signal Letters

PARTICULARS OF WATER BALLAST—

Double bottom, aft length	and water capacity in tons	Double bottom, forward length	and water capacity in tons
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Double bottom, aft, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_

Double bottom, forward, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_

Double bottom, under engines and boilers, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_

If 1. If 1. If 1.

Double bottom, under engines and boilers, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_ If under Engines only, or Boilers only, state which \_\_\_\_\_

Double bottom, constructed on the cellular system, length 202 feet and water capacity in tons 418.

Fore peak tank, water capacity in tons ☒ . After peak tank, water capacity in tons 36

Midship deep tank, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_. Other tanks, if fitted, length \_\_\_\_\_ and water capacity in tons \_\_\_\_\_.

The above have all been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside Portland Cement & Paint Outside Paint

B.C.	In Summer	ft.	ins.
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FREEBOARD assigned by the Committee, as per Secretary's

Letter, dated \_\_\_\_\_

For Winter in North Atlantic ft. ins.

Awning, or Part Awning Deck.

State if marked on Vessel's sides in accordance with Notice No. 572

1. Fresh water above the centre of disc

The amount of Entry Fee ..... £ 4 : 0 : 0 is received by me, *[Signature]* \* Certificate to be sent to *[Signature]*

Special... £74 : 11 : 0 (17/6/18)

Certificate\*, £

Travelling Expenses, if any £ . : 7 : 6

I am of opinion this Vessel should be Classed 100 A1 Spar dk Campbell Johns.

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

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Committee's Minute

100A1 Steel

Character assigned

approved plans, and it is submitted

Laotian Shan dk that she is capable to be claimed

100 A1 ("Int.") "Sam Dub" as recommended

\_\_\_\_\_

100-19871-106


10k Cost / Spool (Cst - Ws)

1 TR / CH & Shox TR / Stt - we 9

W. B = Cell D.B. & (particulars above)

Lloyd's Register

Supp. 2



*[Faint handwritten notes at the bottom of the page, possibly "W. H. ..."]*

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