

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 48434

Port of Newcastle Date of completion of Report March 1905 Received at London Office 1905  
Survey held at Newcastle Date, First Survey 29<sup>th</sup> September 1904 Last Survey 3<sup>rd</sup> March 1905  
On the Steel Screw Steamer "BOSANKA" Rig Schooner

TONNAGE under  
Tonnage Deck... 3291.12  
Do. between Tonnage Dk.  
and 3rd, 4th, Spar or  
Awning Dk.  
Total under Upper Dk. 27.94  
Do. of Poop 27.94  
Do. of Bridge House 35.78  
Do. of Forecasts 61.45  
Do. of Houses on Deck 35.40  
Do. of excess of Hatchways 10.90  
Do. above Crown of  
Engine Room... 3462.59  
Gross Tonnage 69.78  
Less Crew Space 10.90  
Less above Crown of  
Engine Room... 3382.51  
TONNAGE FOR FEES... 1108.83  
Less Engine Room 21.62  
Less Navigation Spaces 2263.76  
Register Tonnage  
as cut on Beam...

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

CLASS 100 A.1. SPAR DK.

FEET.

Half Breadth (moulded) ... 23.25  
Depth from upper part of keel to top of Main Deck Beams 21.29  
Girth of Half Midship Frame (as per Rule) ... 40.99  
1st Number ... 85.53  
Length ... 339.0  
2nd Number ... 28994  
Proportions—Breadths to Length ... 7.2  
Depths to Length—Main Deck to top of Keel ... 15.9

Master Rodolfo Arnerich

Year of Appointment

(1) As Master in service of  
owner of present vessel:—  
(2) As Master of this  
vessel:—  
March 1905

Built at Academy-on-Ida

When built 1905 Launched 23<sup>rd</sup> Jan. 1905

By whom built Northumberland S. Co. Ltd.

Owners Nav. a Rep Napier

Managers N. Marinovich

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

Residence Rafusa

Port belonging to Rafusa

Destined Voyage Cardiff

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

LENGTH on Deck Feet. Inches. 339 0  
as per Rule... 339 0  
BREADTH Moulded Feet. Inches. 46 6  
DEPTH, top of Floors to Spar or Awning Dk. Beams Feet. Inches. 24 9  
Do. Main Deck Beams ... 15 11/4  
Dimensions of Ship per Register, Length 341.2 breadth 46.85 depth 24.75 Spar or Awning Dk. Moulded depth, ft. 28 ins. 11 To Main Dk. Round up of Beam, Main Dk. 11 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, or L or Bars, for 1/2 length amidships		10	3 1/2	11	10	3 1/2	11		
Do. for 1/2 at each end									
Do. in way of Double Bottoms at Solid Floors		3 1/2	3 1/2	8	7	3 1/2	3 1/2	8	7
Distance of Frames from moulding edge to moulding edge, all fore and aft		24				24			
REVERSED FRAME, Angles									
DEEP FRAMING, depth of girder									
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 & BRACKETS, in Cell Dble Bottoms Distance apart		4	4	9	4	4	9		
CENTRE GIRDER, in Double bottom, depth and thickness		42		10	8	42		10	8
Angles, Top		4	4	9	4	4	9		
Bottom		4	4	12	4	4	12		
SIDE GIRDERS, number and thickness									
Angles (Hawled to floor)		3 1/2	3 1/2	8	3 1/2	3 1/2	8		
MARGIN PLATE, depth (exclusive of flange) and thickness		38		9	32		9		
Angles		4	4	9	4	4	9		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		72		10	8	72		10	8
thickness in Engine and Boiler space				20	10			10	11
Remainder in Holds		8	3	10	8	3	10		
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space		24				24			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		12	3 1/2	15	12	3 1/2	15		
Angles on upper edge									
Average space		48				48			
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		6	3	8	6	3	8		
Angles on upper edge									
Average space		24				24			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb		6	3	8	6	3	8		
Angles on upper edge									
Average space		24				24			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		6	3	8	6	3	8		
Angles on upper edge									
Average space		24				24			
PILLARS, In 'tween Deck, size and spacing		2 1/8		48	2 1/8		48		
Hold		4 1/4		48	4 1/4		48		
Quarter, 'tween Dks.									
in Hold									
WEB FRAMES, In Fore Body, No. and spacing									
breadth & thickness									
No. of Side Stringers									
WEB FRAMES, In E. & B. Space, No. & spacing									
breadth & thickness									
WEB FRAMES, In After Body, No. and spacing									
breadth & thickness									
No. of Side Stringers									
Size of Angles or Tee Bars to Web Frames									
BRACKET PLATES to Stringers between Web Frames, depth and thickness									

FORGINGS AND CASTINGS.		Inches in Ship.		Inches per Rule. Or as Approved.					
KEEL, Bar or Side Plates, depth and thickness		Flat Plate		Plate					
STEM, moulding and thickness		11x23/4		11x23/4					
STERN-POST for Rudder do. do.		11x4x7		11x6 1/2					
" " for Propeller		" "		" "					
MAIN PIECE of Rudder, diameter at head do. at heel		7 9/16		9					
RUDDER, how constructed		Single plate - Canting							
Can the Rudder be unshipped afloat?		Yes							
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.
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									
" Attached to outside plating with Angle									
Spar, or Awning Deck Stringer Plates, breadth and thickness									
" Angle on ditto									
" Tie Plates, fore and aft, outside Hatchways									
" Diagonal Tie Plates, No. of per Deck.									
" Deck, * Iron or Steel, for full length.									
" Wood Deck. Material & thickness									
Main Deck Stringer Plate, breadth & thickness									
" Angles on ditto, No. 2									
" Tie Plates, outside Hatchways									
" Diagonal Tie Plates, No. of per Deck.									
" Deck, * Iron or Steel, for full length.									
" Wood Deck. Material & thickness									
Lower Deck Stringer Plates, br'dth & thckn's									
" Angles on ditto, No.									
" Tie Plates, outside Hatchways									
" Deck, * Material and thickness									
Hold, or Orlop Stringer Plate, br'dth & thckn's									
" Angles on ditto, No.									
" Tie Plates, outside Hatchways									
" Deck. Material and thickness									
Poop Deck Stringer Plate, breadth & thickness									
" Angles on ditto									
" Tie Plates									
" Deck. Material and thickness									
Bridge Deck Stringer Plate, br'dth & thickness									
" Angle on ditto									
" Tie Plates									
" Deck. Material and thickness									
Forecastle Deck Stringer Plate, br'dth & th'kns									
" Angle on ditto									
" Tie Plates									
" Deck. Material and thickness									

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Inches.	20ths.	Horizontal.	Vertical.	Spacing.	Inches.
W. T. BULKHEADS	6	6	7	15	12	30	Single Spar
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? Yes



PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Includes tables for thicknesses and riveting specifications for various ship components like keels, strakes, and frames.

FRAMES extend in one length from... REVERSED FRAMES on floors and frames extend from... Includes handwritten notes and specifications for frame construction.

MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. Includes handwritten entries for mast and spar details.

EQUIPMENT No. 35666 LETTER V. ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. Includes handwritten entries for anchor specifications.

CHAIN CABLES. HAWSERS AND WARPS. Number of Certificate. Fathoms. Size. Test per Certificate. Includes handwritten entries for cable and rope specifications.

Boats. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Includes handwritten entries for various ship equipment and structural details.



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

7/6/04-19/6/04-29/6/04-17/04-6/7/04-14/7/04-23/7/04-13/10/04-

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

Planed

Is the riveted work properly closed?

Yes

Are the liners between the frames and plates solid single pieces?

Yes. Joggled steel.

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 few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped?

Yes

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

This vessel has been built in accordance with the approved plans forwarded herewith. The Secretary's letter in Federal correspondence with the Rules in the 100 A. Spar Deck. The workmanship and material are of good quality. The freeboards prescribed by the Committee have been marked on the vessel's sides & notified. The decks & tunnel have been tested by hoisting found satisfactory. A letter signed by the owner is enclosed approving of the ceiling being laid over the lumber & under the hatchways only.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.O.D. or Break ft., Bridge Dk. 94 ft., F'castle 30 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. The Poop & Bridge Decks are separate erections.

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) Spar Deck (etc.) 2 tiers beams & deep framing.

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint and cement paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Cellular double bottom

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	110	266	Fore peak tank,		
Double bottom, forward,	154	441	After peak tank,		61
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,	22	69	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 - Satisfactory

Order for Special Survey No. 3626

Date 23.9.04

Order for Ordinary Survey No.

Date

No. 122 in builder's yard.

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 1904. Sep. 29. Oct. 3. 8. 12. 13. 14. 17. 19. 21. 27. 28. 31. Nov. 1. 2. 4. 10. 16. 18. 21.
- 2nd. On the plating during the process of riveting 23. 24. 30. Dec. 14. 19. 22. 28. 1905. Jan. 9. 11. 13. 16. 19. 23. Feb. 17. 20. 23. 28. Mar. 3.
- 3rd. When the beams were in and fastened, and before the decks were laid .....
- 4th. When the ship was complete, and before the plating was finally coated or cemented ...
- 5th. After the ship was launched and equipped

Total No. of Visits 37

The amount of Entry Fee.....£ 5 : : :

Special Survey Fee...£109 : 11 : 6

Travelling Expenses, if any £ : : : :

Fees applied for,

8 MAR 1905

Received by me,

11 3/8

Certificate to be sent to

Newcastle-on-Tyne.

I am of opinion this Vessel should be Classed

With, or without Freeboard, as condition of Class

+ 100 A. Spar Deck with

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

Committee's Minute

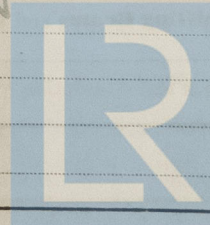
Character assigned

FRI. 10 MAR 1905

100 A. (Steel) Spar Deck with fl'd 5. 5. 1 1/2

Lloyd's as 6. P + L.M. 6. 3. 05.

Wm. H. W.



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