

N. T. NIELSEN ARONSON
Awning Dk. IRON OR STEEL STEAMER. BOX CASE 17720.

State if Report is also sent on the Machinery of the Vessel Yes
Date of completion of Report 21st Feb. 1900 Received at London Office
Date, First Survey Feb. 3rd 1899 Last Survey Feb. 17th 1900
Rig Schooner (4 masts)

SPAR, AWNING OR PART AWNING-DECKED VESSEL, Master J. Woodcock
or a Vessel having a continuous Shade Deck.
CLASS 100A.1 Steel Awning Dk
Built at Glasgow
When built 1900 Launched 19th Dec 1899
By whom built C. Connell & Co.
Owners Charante Steam Ship Co Ltd
Managers T. J. Harrison
Residence As recorded
Port belonging to Liverpool
Destined Voyage New Orleans North Africa
If surveyed while Building, Afloat, or in Dry Dock Building & Afloat

Length on Deck	Feet. Inches.	BREADTH—	Feet. Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet. Inches.	Power of Engines	Horse	No. of Decks with flat laid	2 or 3
per Rule	479 6	Moulded	57 0	Do. do. Main Deck Beams	39 6			No. of Tiers of Beams	3
					32 0				

Dimensions of Ship per Register, Length 482.0 breadth 57.25 depth 39.45 Spar or Awning Dk. Moulded depth, ft. 34 ins. 10 To Main Dk. Round up of Beam, Main Dk. 14 ins.

FRAMING.				FORGINGS AND CL. TINGS.			
NAME, Angles, or Bars, for 1/2 length	Inches in Ship	Inches in Ship	20ths in Ship	NAME, Angles, or Bars, for 1/2 length	Inches in Ship	Inches in Ship	20ths in Ship
amidships	7 3/4	11 1/2	7 3/4	STEEL, Bar or Plate, depth and thickness	12 x 3	12 x 3	12 x 3
Do. for 1/2 at each end	6 1/2	10 1/2	6 1/2	STEEL, moulding and thickness	12 x 8	12 x 8	12 x 8
Do. in way of Double Bottoms at Solid Floors	3 1/2	11 1/2	3 1/2	STEEL-POST for Rudder do. do.	12 x 8	12 x 8	12 x 8
at intermed. Dis.				for Propeller	11	11	11
Distance of Frames from moulding edge to				MAIN PIECE of Rudder, diameter at head	8 1/2 x 5 1/2	8 1/2 x 5 1/2	8 1/2 x 5 1/2
ing edge, all fore and aft	5 1/2	10 1/2	5 1/2	do. at heel			
USED FRAME, Angles	5 1/2	10 1/2	5 1/2	RUDDER, how constructed	Single frame	Single frame	Single frame
DEP FRAMING, depth of girder	9 1/2	10 1/2	9 1/2	Can the Rudder be unshipped afloat?	Yes	Yes	Yes
FLOORS, depth and thickness of Floor Plate	9 1/2	10 1/2	9 1/2				
at mid-line for 1/2 length amidships	9 1/2	10 1/2	9 1/2				
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	4 1/2	11 1/2	4 1/2				
Distance apart	27	27	27				
NTRE GIRDER, in Double bottom, depth	4 1/2	11 1/2	4 1/2				
and thickness							
Angles, Top	4 1/2	10 1/2	4 1/2				
Bottom	6 1/2	10 1/2	6 1/2				
DE GIRDERS, number and thickness	2	9 1/2	2				
Angles	3 1/2	10 1/2	3 1/2				
RGIN PLATE, depth (exclusive of flange)							
and thickness							
Angles							
VER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	11 1/2	36				
thickness in Engine and Boiler space							
Remainder in Holds							
AMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9 3/4	12 1/2	9 3/4				
Angles on upper edge							
Average space	27	27	27				
AMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9 3/4	14 1/2	9 3/4				
Angles on upper edge							
Average space	27	27	27				
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	9 3/4	15 1/2	9 3/4				
Angles on upper edge							
Average space	27	27	27				
AMS, Hold, or Orlop, Plate or Tee Bulb							
Angles on upper edge							
Average space							
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge							
Average space							
AMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge							
Average space							
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on upper edge							
Average space							
LLARS, In tween Deck, size and spacing							
Hold							
Quarter, tween Dks.							
in Hold							
AMES, In Fore Body, No. and spacing	11	5 1/2	11				
brdth. & thickness	29	11	29				
Side Stringers	3	29	3				
E. & B. Space, No. & spacing	7	3 1/2	7				
brdth. & thickness							
Body, No. and spacing	11	5 1/2	11				
brdth. & thickness	29	11	29				
to Web Frames	3	29	3				
ers between	6 1/2	4 1/2	6 1/2				
	21	21	21				

RIVETING.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.: *Siemens Process, Portland Cement, S. A. M. & Co., Glasgow, Scotland, Mosses, Clydebank, Glasgow, Scotland, Duffell, Clydebank, Carnegie, Iron, Angus, Phoenix.*

Spot or Awning Stringer Plate	Butts , treble riveted for <i>three fourths</i> length amidst <i>iron</i>
	Straps , single, double or overlapped for <i>full</i> length amidst <i>iron</i>
Main Stringer Plate	Butts , treble riveted for <i>half length</i> length amidst <i>iron</i>
	Straps , single, double or overlapped for <i>full</i> length amidst <i>iron</i>
Butts of Bilge & Side Stringers and Tie Plates , treble & double riveted? <i>✓</i>	
Inner Bottom Plating , riveting of Edges <i>Double</i>	Butts <i>Double</i>
Centre Girder Butts , <i>Double</i> riveted	Keelson Butts , <i>Double</i> riveted
Frames , riveted through Plates with <i>7/8 x 1"</i> in. Rivets, about <i>6 1/2 x 7"</i>	
Rivets , state whether Iron or Steel <i>Iron.</i>	

FRAMES extend in one length from *Mid line to Margin plate & from Margin plate to Awning deck.*

REVERSED FRAMES on floors and frames extend from *Mid line to Margin plate & from Margin plate to main* according to *plan*

Awning Deck alternately for 1/2 L. & for 1/8 length at fore end. Elsewhere to main or on every frame

Side stringer floors in 5 ft. spaces.

	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.		
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Riveting.	
Fore	Steel	104.0	27½ x 7/8	20½ x 7/8	- 7/8	20½ x 7/8	2	3	4 x 3 x 10/16	Single	Full	
Main	"	104.3	27½ x 7/8	20½ x 7/8	- 7/8	20½ x 7/8	2	3	4 x 3 x 10/16	do	do	
Mizen	"	104.1	27½ x 7/8	20½ x 7/8	- 7/8	20½ x 7/8	2	3	4 x 3 x 10/16	do	do	
Jigger	"	104.0	27½ x 7/8	20½ x 7/8	- 7/8	20½ x 7/8	2	3	4 x 3 x 10/16	do	do	
Yards and Remainder of Spars												
Rigging Material and Size, Shrouds	Galv'd Steel Wire. 5. 4½ in. Mizen & Jigger 4"											
Sails.	One	Suit of	Working				Sails, and the following spare sails	1 Spare Staysail				

ANCHORS.

[illegible]

HAWSERS AND WAR

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.
				Supplied.	Per Rule.								
25911	150	2½	157½ + 112½	Cal. 8.8	Cal. 10.0	300 - 28 7/16	Steel & Hingley & Son	7/12/99	Hutchinson & Co.	TOWLINE	130	6	88.
25928	150	2½	do	948.0	1936.0	300 - 28 7/16	do	7/12/99	do do	HAWSE	90	4½	39.
	300									WARP	90	3½	26.
Iron Stream Chain } on Steel Wire ... }	120	5¼	69.			120 - 5¼	Steel Wire				6 - 90	8	manila

Boats 6 Boats (4 Lifeboats & 2 others)
Pumps, Number 13 in holds & 1. Eng Space & 1 fore peak Diameter of Barrel and Tail Pipe 5 & 2 1/2. Reel 4 & 2
Windlass is ~~Swivel~~ ~~1~~ ~~holder~~ ~~on~~ ~~thompson~~ (patent) ~~Chapman~~
Engine Room Skylights.—How constructed? Steel on steel casings
What arrangements for deadlights in bad weather? Steel shutters & bulls eyes.
Coal Bunker Openings.—How constructed? Plates & angles How are lids secured? Batten Height above deck? 18"
Number of Scuppers, and number and dimensions of Freeing Ports, &c. 10 Scuppers on each side
Ceiling in Holds, thickness and material 2 1/2" W. Pine Ceiling 'tween Decks, thickness and material 2" W. Pine
Cargo Hatchways.—How formed? Plates & angles Hatches, If strong and efficient? Yes.
State size No. 1 Hatch (Forward) 15.9 x 16.0 x 18' No. 2 Hatch 31.6 x 16.0 x 18' No. 3 Hatch 13.6 x 16.0 x 18' No. 4 Hatch 11.3 x 13.6 x 16.0 x 18'
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Two web in No. 2 & 6 hatchways, 1 web in Nos. 1 & 3.
Three fore & afters in each hatchway.
Racks, height above deck and description Open rail No. of Breasthooks Right No. of Crutche
Above is a correct description.
Signature (here only.) Charles Cornhill & Co. Surveyor's Signature Thomas Warren
Surveyor to Lloyd's Register

Form No. 81.)

FREEB

Port

Vessel's Name

ron or Steel

Name of Owners *Ch*

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Date of _____
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ation

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

10/6/98, 18/6/98, 28/7/98, 14/7/98, 10/10/98, 23/11/98, M. 20/10/98 E

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

Is the riveted work properly closed? 3/2

Are the liners between the frames and plates solid single pieces? 3/2

Do the holes for riveting plate to frames, butt straps, or plate

to plate, &c., conform well to each other? 3/2

Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces? 3/2

Do any rivets break into or through the seams or butts of plating? a few only

Are the butts of Plating, Stringers, &c., properly shifted and strapped? 3/2

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

The workmanship throughout is good. The vessel has been built in accordance with the approved plans, the Secretary's letter referred to, & in general conformity with the requirements of the rules for the class contemplated.

The hand pumps, deck & watertight doors have been tested as required & found satisfactory. An installation of Electric Light is also fitted.

This vessel is fitted with a special arrangement of deep girders & beams under the lower deck beams with large columns in the hold in lieu of the ordinary pillars.

In the lower & upper tween decks wide spaced pillars formed of double channels with large gusset plates at their upper & lower ends are fitted, the gusset plates at the upper ends being attached to an intercostal girder fitted under the main & awning &c beams as shown on Midship Section.

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. feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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 would appear in the Register Book) 2 Dks (Steel) & webframes & deep framing & Awning Dk (Steel)

Signal Letters

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

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system 3/2

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
bottom, aft,	159	555	Fore peak tank,	—	145
bottom, forward,	209	795	After peak tank,	—	55
bottom, under Engines and Boilers,	59	260	Midship deep tank,	33 3/4	1135
bottom, if under Engines only,	—	—	Other tanks, if fitted,	—	—
bottom, if under Boilers only,	—	—	(If necessary, furnish further information by sketch.)	—	—

State whether the above have been tested as required by the Rules 3/2

Special Survey No. 3248	27/6/98	Ordinary Survey No.	2 - 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 1899. Feb. 3. 8. 13. 15. 20. 28 Mar 2. 6. 10. 15. 20. 24. 28. 31 April	2nd. On the plating during the process of riveting 5. 10. 13. 17. 19. 24. 27 May 1. 4. 9. 11. 17. 22. 25. 29 June 1. 6. 9. 13. 15. 19. 22	3rd. When the beams were in and fastened, and before the decks were laid 26. 29. July 3. 5. 10. 13. 26. 28. Aug 2. 7. 10. 17. 23. 31. Sept 4. 7. 12. 13. 15	4th. When the ship was complete, and before the plating was finally coated or cemented 18. 19. 20. 27. 29 Oct 4. 6. 11. 16. 18. 23. 24. 26. 30. Nov 1. 6. 8. 10. 13. 16	5th. After the ship was launched and equipped 7. 20. 23. 24. 27. 29 Dec 5. 6. 7. 11. 13. 18. 19. 26	Total No. of Visits 97.
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Amount of Entry Fee.....£ 5 : : : 94 Feb 1890.
Special Survey Fee ...£ 250 : 7 : :
Living Expenses, if any £ : : : 104 Feb 1890

Certificate to be sent to Glasgow.

On this Vessel should be Classed 100A-1 Steel. Awning Dk. With freeboard.

Thomas Warren & F. R. Norton.
Surveyors to Lloyd's Register of British and Foreign Shipping.

3 Minute TUES 27 FEB 1900

Assigned 100A-1 Steel
+ 2 hrs 2.00 Awning. dk
w. freebd. s. 13. 10 1/2
Anquise

