

3 Decks Rule

## IRON OR STEEL STEAMER.

No. 5962.

Date of completion of report 20-2-04.

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

Yes

Survey held at Hoboken near Antwerp

Port of Antwerp

Received at London Office MON 22 FEB 1904

Date, First Survey 1903 Feb. 16

Last Survey Feb. 13.

1804

On the

SS. "ROSINA"

Rig Fore &amp; aft Schooner

TONNAGE under Tonnage Deck...

THREE DECKED VESSEL.

Muster C. Loukissis

Do. between Tonnage Dk. and 3rd and 4th Dk.)

CLASS 100 A.I.

Year of appointment (1) As Master in service of owner of present vessel: 1904 (2) As Master of this vessel: 1904.

Total under Upper Dk.

Half Breadth (moulded) 22.25

Built at Hoboken near Antwerp

Do. of Poop

Depth from upper part of Keel to top of Upper Deck Beams 24.46

When built 1904 Launched Nov. 14<sup>th</sup> 1903

Do. of Forecastle 44.68

Girth of Half Midship Frame (as per Rule) 89.87

By whom built Le Charrier Naval Antwerp

Do. of Houses on Dk. 103.34

Owners A. Embiricos

Do. of excess of Hatchways 13.68

Do. above Crown of Engine Room

1st Number 82.87

Managers

Engine Room

Length 318.

Crew Space above Crown of Engine Room

2nd Number 26355.8

Navigation Spaces

Proportions—Breadth to Length 7.18

ster Tonnage 2010.38

Depth to Length—Upper Deck to top of Keel 12.99

Cut on Beam

Main Deck ditto 18.7

Residence Andros, Greece

Port belonging to Andros

Destined Voyage Cardiff

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

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH top of Floor to Upper Deck Beams	Feet.	Inches.	Power of Horse Engines	No. of Decks with flat laid
318	0	Moulded	44	6	Do.	21	0	287	one
						13	0		No. of Tiers of Beams
									200

Dimensions of Ship per Register, Length 318 breadth 44.6 depth 20.79 Moulded depth, ft. 23 ins. 6 To Upper Dk. Round up of Beam, Upper Dk. 11 1/2 ins.

FRAMING.				FORGINGS & CASTINGS.			
Inches in Ship	Inches in Ship	20ths or 20ths per Rule Or as Approved	Inches in Ship	Inches in Ship	20ths or 20ths per Rule Or as Approved	Inches in Ship	Inches per Rule Or as Approved
ME, Angle, Bars for 1/2 length amidships				KEEL, Bar or Side Plates, depth and thickness			
6	3 1/2	9 1/2	as approved	STEM, moulding and thickness			
for 1/2 at each end				STERN-POST for Rudder do. do.			
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	" for Propeller			
" at intermdt. Bkts.	5 1/2	3 1/2	8	MAIN PIECE of Rudder, diameter at head			
of Frames from moulding edge to	24		24	" do. at heel			
oulding edge, all fore and aft	4 1/2	3	9	RUDDER, how constructed			
ERSED FRAME, Angles	4 1/2	3	8	Can the Rudder be unshipped afloat?			
FRAMING, depth of girder	4 1/2	3	8	KEELSONS & STRINGERS.			
ORS, depth and thickness of Floor Plate	4 1/2	8	40	CENTRE LINE KEELSON, Vertical Plate above			
at mid-line for 1/2 length amidships				floors, Through Plate, or Intercostal Plate			
in way of Engines and Boilers				" Rider Plate			
thickness at the ends of vessel				" Bulb Plate to Intercostal Keelson			
depth at 1/2 the half breadth, as per Rule				" Horizontal Plates on Floors			
height extended at the Bilges	49		49	" Angles			
ORS & BRACKETS in Cell Dble Bottoms				SIDE KEELSON, Angles			
" Distance apart	24		24	" Bulb or Plate above floors, for			
TRE GIRDER, in Double bottom, depth	42	10-8	40	" Intercostal Plate, for			
and thickness				" Attached to outside Plating with Angle			
" Angles, Top	4	4	9-8	BILGE KEELSON, Angles			
" Bottom	6	4	10-8	" Bulb or Plate above floors, for			
E GIRDERS, number and thickness	3	8	2-8	" Intercostal Plate for			
" Angles	3 1/2	3 1/2	7	" Attached to outside Plating with Angle			
GIN PLATE, depth (exclusive of flange)	30	27	11-10	BILGE STRINGER Angles			
and thickness	3 1/2	3 1/2	8	" Bulb Plate for			
" Angles	3 1/2	3 1/2	8	" Intercostal Plate for			
ER BOTTOM PLATING, breadth and	60	9	60	" Attached to outside Plating with Angle			
thickness of Middle Line Strake				SIDE STRINGER Angles			
" in Engine and Boiler space	10	11	10	" Bulb Intercostal Plate, for			
" Remainder in Holds	7	8	7	" Attached to outside plating with Angle			
MS, Upper Deck, Single Angle, Bulb	7 1/2	3 1/2	7	Upper Deck Stringer Plates, br'dth & thickness			
Angle, Plate or Tee Bulb				" Angle on ditto			
" Angles on upper edge	24		24	" Tie Plates fore and aft, outside Hatchways			
" Average space				" Deck. * Steel, for			
MS, Middle Deck, Single Angle, Bulb	8 3/4	3 3/4	11-13	" Wood Deck. Material & thickness			
Angle, Plate or Tee Bulb				Middle Deck Stringer Plate, br'dth & thickness			
" Angles on upper edge	24		24	" Angles on ditto, No.			
" Average space				" Tie Plates outside Hatchways			
MS, Lower Deck, Single Angle, Bulb	4	3	10-9	" Diagonal Tie Plates on Bms., No. of prs.			
Angle, Plate or Tee Bulb				" Deck. * Iron or Steel, for			
" Angles on upper edge				" Wood Deck. Material & thickness			
" Average space				Lower Deck Stringer Plate, br'dth & thickness			
MS, Hold, or Orlop, Plate or Tee Bulb	6	3	9	" Angles on ditto, No.			
" Angles on upper edge				" Tie Plates, outside Hatchways			
" Average space				" Deck. * Material and thickness			
MS, Poop Deck, Angle, Bulb, Angle, Plate	6	3	9	Hold, or Orlop Stringer Plate, br'dth & thckn's			
Angle, Plate or Tee Bulb				" Angles on ditto, No.			
" Angles on upper edge	24		24	" Tie Plates outside Hatchways			
" Average space				" Deck. Material and thickness			
MS, Bridge Deck, Angle, Bulb, Angle, Plate	5 1/2	3 1/2	7-10	Poop Deck Stringer Plate, breadth & thickness			
Angle, Plate or Tee Bulb				" Angle on ditto			
" Angles on upper edge				" Tie Plates			
" Average space				" Deck. Material and thickness			
MS, Forecastle Deck, Angle, Bulb, Angle, Plate	8	3 1/2	10-13	Bridge Deck Stringer Plate, br'dth & thickness			
Angle, Plate or Tee Bulb				" Angle on ditto			
" Angles on upper edge	48		48	" Tie Plates			
" Average space				" Deck. Material and thickness			
PILLARS, In 'tween Deck, size and spacing	27/8	48	27/8	Forecastle Deck Stringer Plate, br'dth & th'kns			
" " Hold	4 1/2	48	4 1/2	" Angle on ditto			
" " Quarter 'tween Dks., " "				" Tie Plates			
" " in Hold				" Deck. Material and thickness			
WEB-FRAMES, In Fore Body, No. and spacing	11	6 frames	11	BULKHEADS.			
" " br'dth. & thickness	15	8	15	In Vessel			
" " No. of Side Stringers	3		3	Number.			
WEB-FRAMES, In E. & B. Space, No. & spacing	4	4 frames	4	Per Rule			
" " br'dth. & thickness	8	6 frames	8	Thickness.			
" " No. of Side Stringers	2		2	Horizontal.			
WEB-FRAMES, In After Body, No. and spacing	5 1/2	3 1/2	8	Vertical.			
" " br'dth. & thickness	13 3/4	9	13 3/4	Spacing			
" " No. of Side Stringers	2		2	Single or Double Frames.			
" " Size of Angles on Tee Bolts to Web-Frames	5 1/2	3 1/2	8	Height ap.			
BRACKET PLATES to Stringers between				W. T. BULKHEADS			
Web Frames, depth and thickness				PARTITION			
				LONGITUDINAL			



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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.? <i>Neuen's Martin Open Hearth</i> <i>Noerde Works, Germany</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
FRAMES extend in one length from <i>margin plate</i> to <i>Bridge, Poop, &amp; Forecastle decks</i> . REVERSED FRAMES on floors and frames extend from <i>channel frames</i> .																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Coal Bunker Openings.—How constructed? <i>Cramps</i> How are lids secured? <i>Buttress</i> Height above deck? <i>18"</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>8 (3 1/2 x 1 1/2) Scuppers 6"</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Ceiling in Holds, thickness and material <i>2 1/2 pine</i> Ceiling 'tween Decks, thickness and material																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Cargo Hatchways.—How formed? <i>Cramps</i> Hatches, If strong and efficient? <i>Yes</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
State size No. 1 Hatch (Forward) <i>18' x 15'-6"</i> No. 2 Hatch <i>24' x 15'-6"</i> No. 3 Hatch <i>10' x 15'-6"</i> No. 4 Hatch <i>22' x 15'-6"</i> No. 5 Hatch <i>20' x 15'-6"</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>(1) 14 x 3 S.B. (2) 24 x 3 S.B. (3) 24 x 3 S.B. (4) 24 x 3 S.B. (5) 24 x 3 S.B.</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
No. of Breasthooks <i>3</i> No. of Crutches <i>one</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Bulwarks, height above deck and description <i>4'-3" steel plating</i> Main Rail, material and size <i>5 1/2 x 3 inch angle</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Builder's Signature (here only) <i>CHANTIER NAVAL ANDERSON SOU AN</i> Surveyor's Signature <i>H. P. Cornish</i> Surveyor to Lloyd's Register of British and Foreign Shipping.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *13/12, 17/12, 29/12-03, 31/1/03, 19/1/04.*

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* 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 facing surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *after.*

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, the Secretary's letters of the above dates and in other respects in accordance with the Rules.*

*The workmanship is good. The steel used in her construction has been manufactured by the Noerde Works, Germany, and duly tested by the Society's Surveyors. The cast steel stern frame & rudder frame have been manufactured by Messrs. Krupp of Essen and inspected and tested by the Society's Surveyors.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *34' 8"* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *200* ft., Forecastle *37* ft. (in feet and tenths). When the Poop 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) *1st (1st) 2nd 3rd & web frames 3rd rule.*

Official No. \_\_\_\_\_; 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 *Yes*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<i>92</i>	<i>280</i>	Fore peak tank,	<i>17</i>	<i>82</i>
Double bottom, forward,	<i>148</i>	<i>392</i>	After peak tank,	<i>18</i>	<i>100</i>
Double bottom, under Engines and Boilers,	<i>38</i>	<i>138</i>	Midship deep tank,	<i>28</i>	<i>510</i>
Double bottom, if under Engines only,	<i>✓</i>	<i>✓</i>	Other tanks, if fitted,	<i>✓</i>	<i>✓</i>
Double bottom, if under Boilers only,	<i>442</i>	<i>286</i>	(If necessary, furnish further information by sketch.)	<i>✓</i>	<i>✓</i>

State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. *8* Date *3/12/02*

Order for Ordinary Survey No. \_\_\_\_\_ Date \_\_\_\_\_

No. *23* in builder's yard.

1st. On the several parts of the frame, when in place, and before the plating was wrought *1903 Feb. 16 March 4, 10, 13, 17, 20, 25, 31 April 3, 20*

2nd. On the plating during the process of riveting *9, 15, 17, 22, 29 May 6, 7, 14, 18, 23, 26 June 4, 8, 11, 13, 15*

3rd. When the beams were in and fastened, and before the decks were laid *19, 23 July 1, 4, 22, 24, 28, 31 Aug. 12, 14, 24 (24) Sept. 1, 8, 18, 24, 29*

4th. When the ship was complete, and before the plating was finally coated or cemented *Oct. 9, 15, 19, 23, 27, 30 Nov. 3, 6, 9, 11, 14, 16, 29, 24, 26, Dec. 1, 4*

5th. After the ship was launched and equipped *Dec. 11, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 1904 Jan. 9, 15, 19, 25, 26* Total No. of Visits *83*

The amount of Entry Fee ..... £ *5:0:0* Fees applied for, *13-2-1904*

Special Survey Fee ..... £ *108:0:0* Received by me, *13-2-1904*

Travelling Expenses, if any £ *✓*

I am of opinion this Vessel should be Classed *+100 A.I.*

With, or without Freeboard, as condition of Class *Without freeboard*

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

Committee's Minute *TUES. 23 FEB 1904*

Character assigned *100 A.I. Steel*

*Lloyd's Register*

*+2 MC 2, 04*