

With or Without
Disconnected Erections.

STEEL STEAMER.

SAT. FEB. 14. 1914

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Received at London Office

State if Report is also sent on the Machinery of the Vessel *Ylo.*

Date of completion of report *February 13th 1914* Port of *Antwerp* No. *10603*
Survey held at *Hoboken (near Antwerp)* Date, First Survey *January 21st 1913* Last Survey *February 5th 1914*
On the (State if Single, Twin, or Triple Screw) *Twin Screw Steamer* "TZAR MICHAEL THEODOROWITCH" Rig *3 masts schooner.*

TONNAGE under Tonnage Deck... *2241.95*

CLASS *100A.1.*

FEET.

Master *Basil Ichaga.*

Year of appointment *(1) As Master in service of 2 owner of present vessel:—1913 (2) As Master of this vessel:—1913*

Built at *Hoboken.*

When built *1914* Launched

By whom built *See. Anon. John. Cockerill.*

Owners *Russian Steam Navigation & Trading Co.*

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

Residence *St. Petersburg.*

Port belonging to *Odessa.*

Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop
Do. of R. & Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage *2785.92*
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces

Breadth (greatest moulded)... *42'*
Depth at middle of length from top of keel to top of upper deck beams at side... *26'*
Transverse Number... *68*
Length on deck from fore part of stem to after part of stern post... *300*
Longitudinal Number... *20400*
Depth "d," at middle of length (See Secs. 2 & 13)... *14.66'*
Proportions—Depths to Length—Upper Deck Beam at side to top of keel... *11.5*
" " Long Bridge Deck Beam at side to top of keel... *8.82*

Register Tonnage as out on Beam... *1971.02*

Destined Voyage *Odessa (Black Sea)* If Surveyed while Building, Afloat, or in Dry Dock *While building and afloat.*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>300</i>	<i>0</i>		<i>42</i>	<i>0</i>		<i>23</i>	<i>23</i>	<i>82</i>	<i>Two</i>	<i>Two</i>
						<i>15</i>	<i>15</i>	<i>82</i>		

Dimensions of Ship per Register, Length *300.5* breadth *42.21* depth *23.7* Moulded depth, ft. *34* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *102* ins. Moulded depth, ft. *26* ins. *0* To Upper Dk.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.		Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.	
FRAME, Angles, or E or L Bars amidships	<i>8</i>	<i>3 1/2</i>	<i>.48</i>	<i>8</i>	<i>3 1/2</i>	PILLARS, In 'tween Deck, size and spacing					
Do. in peaks	<i>6</i>	<i>3</i>	<i>.40</i>	<i>6</i>	<i>3</i>	" " Hold					<i>Guide in Centre line of Ship with wide spaced pillars.</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>.36</i>	<i>3 1/2</i>	<i>3 1/2</i>	" " Quarter 'tween Dks.,					
WHERE NO 2 ND DECK at intermdt. Bkts.	<i>10 1/2</i>	<i>3 1/2</i>	<i>.56</i>	<i>10 1/2</i>	<i>3 1/2</i>	" " in Hold					
Spacing of Frames from centre to centre amidships	<i>24</i>			<i>24</i>		KEELSONS & STRINGERS.					
" " " length to Collision bulkhead	<i>24</i>			<i>24</i>		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " in peaks..	<i>24</i>			<i>24</i>		" Rider Plate					
REVERSED FRAME, Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>.36</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>.36</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Horizontal Plates on Floors					
" " " at intermdt. Bkts.						" Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					<i>cellular</i>
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					<i>double</i>
" in way of Engine and Boiler Spaces						" Plate above floors, for length					<i>bottom</i>
" thickness at the ends of vessel						" Intercoastal Plate, for length					
" depth at 1/2 the half breadth, as per Rule						" Attached to outside Plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS in Cell. Double Bottoms, or every frame	<i>34</i>			<i>34</i>		" Intercoastal Plate for length					
" state if flanged (top & bottom)	<i>NOT</i>			<i>NOT</i>		" Attached to outside Plating with Angle					
" Spacing of Solid floors	<i>24</i>			<i>24</i>		SIDE STRINGERS, Number <i>2</i> in way of Side Bunkers, AND ONE PAINTING STRINGER FORWARD					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	<i>38</i>	<i>.48</i>		<i>38</i>	<i>.48</i>	" " Angle <i>Bulb, Single</i>	<i>62</i>	<i>3</i>	<i>.42</i>	<i>62</i>	<i>3 1/2</i>
" " Angles, Top <i>Single</i>	<i>4</i>	<i>.56</i>		<i>4</i>	<i>.56</i>	" Intercoastal Plate, for <i>Bunkers</i> length	<i>40</i>			<i>40</i>	
" " " Bottom <i>Single</i>	<i>6</i>	<i>.74</i>		<i>6</i>	<i>.74</i>	" Attached to outside plating with Angle	<i>32</i>	<i>3 1/2</i>	<i>.40</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " " to Floors <i>double for 1/2 L</i>	<i>3 1/2</i>	<i>.36</i>		<i>3 1/2</i>	<i>.36</i>	In way of Side Bunkers and Hold Shell plating increased in thickness in lieu of stringers					
" Brackets at intermdt. frmg., width & thcknss						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>48</i>	<i>.52</i>		<i>48</i>	<i>.52</i>
SIDE GIRDERS, number on each side & thickness	<i>10</i>	<i>.34</i>		<i>10</i>	<i>.34</i>	" " " br'dth & thickness (in way of Bridge)	<i>48</i>	<i>.46</i>		<i>48</i>	<i>.46</i>
" " state if flanged (top and bottom)	<i>NOT</i>			<i>NOT</i>		" " " Angle (clear of Bridge)	<i>4 1/2</i>	<i>.52</i>		<i>4 1/2</i>	<i>.52</i>
" " Angles (top and bottom)	<i>3 1/2</i>	<i>.36</i>		<i>3 1/2</i>	<i>.36</i>	" " Tie Plate at sides of Hatchways					
" " " to Floors	<i>3</i>	<i>.34</i>		<i>3</i>	<i>.34</i>	" Deck * <i>Iron</i> Steel, for <i>full</i> lng.					
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>28</i>	<i>.40</i>		<i>28</i>	<i>.40</i>	" Thickness (clear of Bridge)		<i>.32</i>			<i>.32</i>
" " Angles to Outside Plating	<i>3 1/2</i>	<i>.40</i>		<i>3 1/2</i>	<i>.40</i>	" " (in way of Bridge)		<i>.30</i>			<i>.30</i>
" " Floors	<i>3 1/2</i>	<i>.36</i>		<i>3 1/2</i>	<i>.36</i>	" Wood Deck, Material & thickness <i>rich pine</i>		<i>3</i>			<i>3</i>
" Brackets at intermdt. frmg., width & thcknss						Second Deck Stringer Plate, br'dth & thickness	<i>44</i>	<i>.42</i>		<i>44</i>	<i>.42</i>
" Height of Outside Brackets above at bilge	<i>20</i>			<i>20</i>		" Angles on ditto, No. <i>2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>.42</i>	<i>3 1/2</i>	<i>3 1/2</i>
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>38</i>	<i>.44</i>		<i>38</i>	<i>.44</i>	" Tie Plates outside Hatchways					
" " in Engine and Boiler space	<i>44</i>	<i>.52</i>		<i>44</i>	<i>.52</i>	" Deck * <i>Iron</i> Steel, for <i>whole</i> lng.		<i>.28</i>			<i>.28</i>
" " Remainder in Holds	<i>36</i>	<i>.32</i>		<i>36</i>	<i>.32</i>	" Wood Deck, Material & thickness <i>rich pine</i>		<i>22</i>			<i>22</i>
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>.50</i>		<i>8 1/2</i>	<i>.50</i>	Third Deck Stringer Plate, br'dth & thickness	<i>44</i>	<i>.38</i>		<i>44</i>	<i>.38</i>
" In way of Long Bridge	<i>8 1/2</i>	<i>.50</i>		<i>8 1/2</i>	<i>.50</i>	" Angles on ditto, No. <i>2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>.42</i>	<i>3 1/2</i>	<i>3 1/2</i>
" Spacing	<i>48</i>			<i>48</i>		" Tie Plates, outside Hatchways					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>10</i>	<i>.56</i>		<i>10</i>	<i>.56</i>	" Deck * Material and thickness <i>rich pine</i>		<i>3</i>			<i>3</i>
" Spacing	<i>48</i>			<i>48</i>		Fourth and Fifth Deck Stringer Plate, breadth & thickness					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>11</i>	<i>.62</i>		<i>11</i>	<i>.62</i>	" " Angles on ditto, No.					
" Angles on upper edge	<i>48</i>			<i>48</i>		" " Tie Plates outside Hatchways					
" Spacing	<i>48</i>			<i>48</i>		" " Deck, Material & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 1/2</i>	<i>.42</i>		<i>7 1/2</i>	<i>.42</i>	Poop Deck Stringer Plate, breadth & thickness	<i>29</i>	<i>.32</i>		<i>29</i>	<i>.32</i>
" Angles on upper edge						" Angle on ditto	<i>3</i>	<i>.32</i>		<i>3</i>	<i>.32</i>
" Spacing	<i>48</i>			<i>48</i>		" Tie Plates <i>steel deck</i>		<i>.26</i>			<i>.26</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>.46</i>		<i>8 1/2</i>	<i>.46</i>	" Deck, Material and thickness <i>rich pine</i>		<i>3</i>		<i>rich pine</i>	
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness	<i>44</i>	<i>.48</i>		<i>44</i>	<i>.48</i>
" Spacing	<i>48</i>			<i>48</i>		" Angle on ditto	<i>4 1/2</i>	<i>.52</i>		<i>4 1/2</i>	<i>.52</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>.46</i>		<i>8 1/2</i>	<i>.46</i>	" Tie Plates <i>steel deck</i>		<i>.30</i>			<i>.30</i>
" Angles on upper edge						" Deck, Material and thickness <i>rich pine</i>		<i>3</i>			<i>3</i>
" Spacing	<i>48</i>			<i>48</i>		Forecastle Deck Stringer Plate, br'dth & th'kns	<i>29</i>	<i>.32</i>		<i>29</i>	<i>.32</i>
						" Angle on ditto	<i>3</i>	<i>.32</i>		<i>3</i>	<i>.32</i>
						" Tie Plates <i>steel deck</i>		<i>.26</i>			<i>.26</i>
						" Deck, Material and thickness <i>rich pine</i>		<i>3</i>			<i>3</i>

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

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.75 ft., R.Q.D. ☒ ft., Bridge 96' ft., Forecastle 37.5' 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 should appear in the Register Book) 2 Bks (2d).

Official No. ; Signal Letters

State if Machinery is fitted aft ☒

How are the surfaces preserved from oxidation? Inside Portland cement & paint

Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular System

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	88	148	Fore peak tank,	16-0"	30
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	14-9"	25.5
Double bottom, if under Engines only,	20	49	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only, (DRY TANK)	34	83	Deep tank, forward,	✓	✓
Double bottom, forward,	112	203	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		483	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules ☒

Order for Special Survey No. 47

Date July 27th 1912

No. 535 in builder's yard.

DATES OF SURVEYS held while building

1912- Dec. 12, 21, 29 - 1913 Feb. 7-14-22, 26 March 7, 11, 17, 18, 26 April 4, 12, 22, 25, 29, May 9, 14, 24, June 11, 15, 23, 24, 27, July 1, 8, 15, 31, Aug. 2, 13, 18, 26 Sept. 1, 5, 11, 20, 22, 29, Oct. 10, 17, Nov. 1, 9 Dec. 2, 9, 17 - 1914 Jan. 3, 8, 13, 16, 23, 24, 27, 31 Feb. 3, 5

Surveyor's Signature

John. S. Gardiner

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Total No. of Visits 56

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