

Awning or Shelter Deck,  
or Pt. Awning Deck.

STEEL STEAMER.

No. 3369.

MON 29 MAY 1911

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

Port of Copenhagen Date of completion of Report 27<sup>th</sup> May 1911 Received at London Office  
Survey held at Copenhagen Date, First Survey 31<sup>st</sup> January 1911 Last Survey 27<sup>th</sup> May 1911  
On the S. S. "St. Petersburg" Rig 2 pole masts.

TONNAGE under  
Tonnage Deck...  
Between Tonnage Dk. and  
4th, or Awning Dk.  
Under Upper Dk.  
Gr. Dk.  
Bridge House  
Forecastle  
Houses on Deck  
Stress of Hatchways  
Crown of  
Room...  
Tonnage  
Space  
Crown of  
Room...  
FOR FEES...  
Main Room  
Cabin Spaces  
Tonnage  
in Beam...

CLASS 100 A1 Awning Dk. with fullboard.  
Breadth (greatest moulded) 34'-0"  
Depth, at middle of length from top of keel to top of 22'-8"  
Beams at side of uppermost Continuous Deck 7'-6"  
Reduct height of 'tween deck when this does not exceed 8ft. 15'-2"  
Transverse Number 49.17  
Length on deck from fore part of stem to after part of 215'-0"  
sternpost 10572  
Longitudinal Number 12'-7 1/2"  
Depth "d" at middle of length. See Secs. 2 & 13...  
Proportions, Depths to Length, Uppermost Continuous 9.5  
Deck at side to top of keel 6'-3 3/8"  
Upper Deck at side  
to top of keel 6'-3 3/8"  
Destined Voyage Libau

Master E. Klingenberg.  
Year of Appointment 1911  
Built at Copenhagen  
When built 1911 Launched 8<sup>th</sup> April 1911  
By whom built W. Nyboerharns Flydedk og Skibsvarft  
Owners The Russian East Asiatic Steamship Co. Ltd.  
Managers St. Petersburg.  
Residence Libau  
Port belonging to Libau  
If Surveyed while Building, Afloat, or in Dry Dock yes.

FT. on Rule	FT.	INS.	BREADTH	FT.	INS.	DEPTH, ACTUAL	FT.	INS.	No. of Decks with flat laid
215	0	0	Moulded	34	0	Do.	20	7 1/2	2
Length	215	5	breadth	34	0	depth	13	1 1/2	No. of Tiers of Beams

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
Angles, or E or L Bars, amidships	6	3	38	6	3	38
Peaks	5	3	38	5	3	38
Way of Double Bottoms at Solid Floors	3	3	30	3	3	30
at intermdt. Bkts.	5	3	40	5	3	40
Frames from centre to centre amidships	22 1/2		22 1/2			
from 1/2 length to collision bulkhead	22 1/2		22 1/2			
Frames from centre to centre in peaks	22 1/2		22 1/2			
RED FRAME, Angles, in double bottom	3	3	30	3	3	30
NG, depth of girder	4	3	34	4	3	34
S, depth and thickness of Floor Plate						
at mid-line for 1/2 length amidships						
Way of Engine and Boiler spaces						
thickness at the ends of vessel						
depth at 1/2 the half-bdth. as per Rule						
height extended at the Bilges						
S & BRACKETS, in Cell Dble Bottoms						
state if flanged (top & bottom)	not flanged		not flanged			
spacing	in Eng. & boiler space		in Eng. & boiler space			
in Dbl. bottom, depth & thickness	33		40		33	40
Angles, Top	3 1/2	3 1/2	38	3 1/2	3 1/2	46
Bottom	3 1/2	3 1/2	46	3 1/2	3 1/2	46
to Floors	4	4	40	4	4	40
Orders, number and thickness	1 1/2	3	30	1 1/2	3	30
state if flanged (top & bottom)	angle bars		angle bars			
Angles	3	3	30	3	3	30
PLATE, depth (exclusive of flange)	24		34	24		34
and thickness	3 1/2	3 1/2	34	3 1/2	3 1/2	34
Angles to outside plating	3	3	30	3	3	30
to floors	11		11			
Height of Brackets above at bilge						
BOTTOM PLATING, breadth and thickness	66		74		36	46
thickness in Engine and Boiler space			46			46
Remainder in Holds			36			
Awn or Shelter Dk, Single Angle,	5 1/2	3	40	5 1/2	3	40
Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge	22 1/2		22 1/2			
Upper or Second Deck, Single Angle,	5 1/2	3	40	5 1/2	3	40
Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge	22 1/2		22 1/2			
Third or Fourth Deck, Single Angle,						
Bulb Angle, Plate, Tee Bulb or Channel						
Angles on upper edge						
Fourth or Fifth Deck, Plate, Tee						
Bulb or Channel						
Angles on upper edge						
Poop Deck, Angle, Bulb Angle, Plate,						
Tee Bulb or Channel						
Angles on upper edge						
Spacing						
Bridge Deck, Angle, Bulb Angle, Plate,	5	3	34	5	3	34
Tee Bulb or Channel						
Angles on upper edge	22 1/2		22 1/2			
Spacing						
Forecastle Deck, Angle, Bulb Angle,						
Plate, Tee Bulb or Channel						
Angles on upper edge						
Spacing						
In 'tween Deck, size and spacing	2 rows	2 3/8"	45"	2 rows	2 3/8"	45"
Hold	45"	3"	45"	45"	3"	45"
Quarter, 'tween Dks.,						
in Hold						
EB-FRAMES, In Fore Body, No. and spacing						
brdth. & thickness						
No. of Side Stringers						
WEB FRAMES, In E. & B. Space, No. & spacing						
brdth. & thickness						
WEB FRAMES, In After Body, No. and spacing						
brdth. & thickness						
No. of Side Stringers						
Size of Face Angles 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, depth and thickness	flat plate & keel	
STEM, moulding and thickness	7" x 2"	
STERN-POST for Rudder do. do.	cast steel	
" " for Propeller	approved	
RUDDER-A x D Table 22	143.0	
" Main Piece, diameter at head	6 1/2	6 1/2
" " " " at heel	4 7/8	4 7/8
RUDDER, how constructed	Rudderhead, mainpiece & arms of forged single plate	Scrap Steel
Can the Rudder be unshipped afloat?	yes	

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number	4 1/2	3	36	4 1/2	3	36
" Angle			34			34
" Intercoastal Plate, for lng.						
" Attached to outside plating with Angle	flanged		flanged			
Awning or Shelter Deck Stringer Plates, breadth and thickness	44	42	44	42		
" Angle on ditto	3 1/2 x 3/2	44	3 1/2 x 3/2	44		
" Tie Plates, fore and aft, outside Hatchways						
" Deck, Iron or Steel, for lng.			30			30
" Wood Deck, Material & thickness			2 1/2			2 1/2
Upper or Second Deck Stringer Plate, breadth and thickness	41	36	47	36		
" Angles on ditto, No.	3 x 3	36	3 x 3	36		
" Tie Plates, outside Hatchways						
" Deck, Iron or Steel, for lng.			30			30
" Wood Deck, Material & thickness						
Third Deck Stringer Plates, br'dth & th'kns						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck, Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth and thickness						
" 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	44	42	44	42		
" Angle on ditto	3 1/2 x 3/2	44	3 1/2 x 3/2	44		
" Tie Plates	12	42	12	42		
" Deck, Material and thickness			2 1/2			2 1/2
Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness						

BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
	In Vessel.	Per Rule.	Horizontal.	Vertical.	
			Size.	Size.	
			Spacing.	Spacing.	
			Inches.	Inches.	
W. T. BULKHEADS	3	3	28	26	30
COLLISION	1	1	28	26	30
PARTITION					
LONGITUDINAL					
Are the outside Plates doubled two spaces of Frames in length?					yes
Are the Sluice Valves and Watertight Doors in efficient working order?					yes



PLATING. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. BUTTS. STRAP. IF LAPPED. STRAKES. AMIDSHIP. FORWARD. AFT. AMIDSHIP. Single or Double. Breadth of Lap. Rivets. Diam. Spacing cr. to cr. Double or Treble and for what Length. Rivets. Diam. Spacing cr. to cr. Breadth. Thickness. Breadth. For what Length. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Inches. Feet. Flat Plate Keel (If Bar Keel, state Riveting) Garboard of A Strake B C D E F G H J K L M N O P Q R S Doubling of Flat Plate Keel of Sheerstrakes (Length and Thickness) POOP SIDES SHORT BRIDGE SIDES FORECASTLE SIDES

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.? David Colville & Son, Motherwell. Pater's Shipbuilding & Iron Co., Ltd. Gutehoffnungshütte, Oberhausen. Steward & Lloyds Ltd, Mossend. William Beardmore & Co, Glasgow. Has the Steel been tested as required by the Rules? yes. Awning or Shelter Deck (Butts, 3/4" riveted for length amidship. Stringer Plate (Straps, single, double or overlapped for length amidship. Second Deck (Butts, 2 3/4" riveted for length amidship. Stringer Plate (Straps, single, or overlapped for length amidship. Butts of Side Stringers Straps with 3 rivets each way riveted. Tie Plates riveted. Inner Bottom Plating, riveting of Edges Single 3/4" Butts riveted. Centre Girder Butts, 3/4" riveted Keelson Butts riveted. Frames, riveted through Plates with 3/4" in Rivets, about 5/8" apart. Rivets, state whether Iron or Steel Steel.

MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. Riveting. Seams. Butts. LOWER MASTS... Fore Steel 42'-4 16" 15" 13 1/4 2 2 Single 3/4" 3 1/4 3/4" Main Steel 44'-4 16" 15" 13 1/4 2 2 Single 3/4" 3 1/4 3/4" Mizzen Bowsprit Topmasts, Yards and Remainder of Spars Rigging, Material and Size, Shrouds 1 off 4" circ, 2 off 3 1/2" circ. Stays Lower stay 2 1/2" circ Top stay 2" circ. Sails. Suit of Sails, and the following spare sails.

EQUIPMENT No. 12532 LETTER W. ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQ. BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. 65204 1st Bower 25 2 12 25 5 3 21 25 2 0 Hartshorn's (Cast Steel head) K. Hingley & Sons, del. Lloyd's Towing House 65206 2nd 25 2 6 25 5 3 21 25 2 0 Do. Do. 65205 3rd 22 0 6 22 9 1 14 22 0 0 Do. Do. Collective weight 73 0 24 73 0 0 Ordinary iron stock Woodhouse Brothers Lloyd's Towing House 8278 Stream 6 2 16 6 2 10 8 17 2 0 6 2 0 Do. 8279 Kedge 3 2 24 3 2 20 6 3 0 14 3 2 0 Do. 10 1/2" dia. 10 1/2" dia.

CHAIN CABLES. Length and Size supplied. Test per Certificate. WEIGHT OF CHAIN CABLE. Fathoms and Size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and Size supplied. Breaking Test of Steel Wire. Fathoms and size per Table 31. 8692 210 1 8/16 70-10 58-14 243-1-17 242-0-5 210 1 8/16 Stud Wire Woodhouse Brothers 28 January 1911 S. C. Paul. Towline 90 2 3/4 22-0 90 2 3/4 22-0 Hawsers & Warps Extra flexible 90 2 3/4 22-0 90 2 3/4 22-0 Manilla 90 5 90 5

Boats 2 wood lifeboats 24'0" x 6'6" x 2'9" 2 de. 22'0" x 6'6" x 2'6" Steam Steering Gear John Hastie & Co 6'6" Hand Steering Gear J. Crawford 4 1/2" diam of screw. Pumps, Number 1 Downton pump Diameter of Barrel 3 1/2" State whether they are in efficient working order yes. Windlass is Clark Chapman & Co. 7" diam x 10" strake Capstan. Engine Room Skylights.—How constructed? Steel, with wood flaps and square panes. What arrangements for deadlights in bad weather? Gratings & tarpaulins. Coal Bunker Openings.—How constructed? Cast iron, flush w deck How are lids secured? screwed Height above deck? Number of Scuppers, and number and dimensions of Freeing Ports, &c. 5 each side on awning dk.; 2 freeing ports in forward well; 2 in after well 36" x 20". Ceiling in Holds, thickness and material 2 1/2" Pine Cargo Battens, thickness and material Pine 6' x 2". Cargo Hatchways.—How formed? Steel plate coamings 3 1/2" high Hatches, If strong and efficient? yes. State size No. 1 Hatch (Forward) 13'-1 1/2" x 11'-0 No. 2 Hatch 18'-9" x 14'-0 No. 3 Hatch 13'-1 1/2" x 11'-0 No. 4 Hatch Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1: 2 webs; No. 2: 3 webs; No. 3: 2 webs; No. 4: 2 webs. No. of Breasthooks No. of Crutches. Bulwarks, height above deck and description 3'-6" x 25" plating. Main Rail and Stays, material and size Bulwarks 6' x 2 1/2" x 40. The above is a correct description. AKTIESELSKABET JOEBENHAVNS FLYDEOK OG SKIBSVÆRFT. Builder's Signature (have only) Joe Munch. Surveyor's Signature J. J. R. Surveyor to Lloyd's Register of British & Foreign Shipping.



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

M 18/10 1910 23/11 1910 25, 27, 13, 31 1911, E 4/10, 1910, 16/11 1910.

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

yes

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 faying surfaces?

yes

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

No.

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

yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?

yes

State results of tests

good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?

yes

State results of tests

good.

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

This Steel Steamer has been built in accordance with the approved midship Section and profile plans, the Secretary's letters of the above mentioned dates and in other respects as required by the rules for the class contemplated. - The workmanship is good throughout.

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

3348 s.s. Libau.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 69 4 ft., F'castle 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) 1 Dk. (Stl.) & Awnng Dk. (Stl. - WS)

Official No. ; Signal Letters

State if Machinery is fitted aft

no

How are the surfaces preserved from oxidation? Inside 1 coat boiled linseed oil, cement in bottom 2 coats iron oxide Outside red lead & 2 coats of composition.

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

yes.

Where fitted.	*Length.	Water Capacity.	Where fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	50	64	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		22
Double bottom, if under Engines only,	16	31	Deep tank aft,		
Double bottom, if under Boilers only,	16		Deep tank forward,		
Double bottom, forward,	91	132	Other tanks, if fitted,		
	Total capacity of double bottom	227			

\* 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. 5

Date 7<sup>th</sup> Octbr. 1910.

No. 89 in builder's yard.

DATES of Surveys held while building

31/1 2/2 9/2 13/2 15/2 21/2 24/2 25/2 1/3 3/3 7/3 10/3 20/3 22/3 24/3 27/3 28/3 29/3 30/3 31/3 1/4 3/4 5/4 6/4 8/4 10/4 11/4 15/4 18/4 20/4 25/4 26/4 27/4 4/5 5/5 6/5 7/5 11/5 13/5 15/5 17/5 19/5 20/5 22/5 24/5 26/5 27/5 1911.

Total No. of Visits 47.

The amount of Entry Fee £72: 72: Special £102: 90: Travelling Expenses, if any £57: 27:

Fees applied for, 27- 5- 19 11.

Received by me,

29/5/1911 Jm

Certificate to be sent to Surveyors Office, Copenhagen

State whether the Vessel has been built under Special Survey

yes

I am of opinion this Vessel should be Classed 100 A1 Awnng Dk. Lloyd's A & CP

With, or without Freeboard, as condition of Class

with freeboard.

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

Committee's Minute

Character assigned

TUE. 30 MAY 1911

100A1

any dk with fbd subject

Lloyd's A & CP + time 5: 11

write Jm

FRI. 2 JUN 1911

as now

without fbd restriction

? write Jm

W.



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Certs issued 31/5/11. W1430-0022