

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 3348.

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

Port of *Copenhagen* Date of completion of Report *1st May 1911* Received at London Office
Survey held at *Copenhagen* Date, First Survey *25th October 1910* Last Survey *27th April 1911.*
On the *S.S. "Libau" now "Sallabak"* Rig *2 pole masts.*

TONNAGE under
Tonnage Deck... *117.95*
Do. between Tonnage Dk. and
3rd, 4th, or Awning Dk. *✓*
Total under Upper Dk. *✓*
Do. of Poop *✓*
Do. of R. or Dk. *✓*
Do. of Bridge House *136.20*
Do. of Forecastle *46.20*
Houses on Deck *8.84*
excess of Hatchways *✓*
Crown of
ine Room... *✓*
Tonnage *1309.19*
raw Space *43.54*
Crown of
ine Room... *✓*
GE FOR FEES... *1265.65*
ine Room *418.94*
igation Spaces *19.88*
er Tonnage *826.83*
on Beam...

CLASS *100 A1 Awng. Dk. with freeboard* F.B.T.
Breadth (greatest moulded) *34' 0"*
Depth, at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck *22' 8"*
Deduct 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
sternpost *215' 0"*
Longitudinal Number *10572*
Depth "d" at middle of length. See Secs. 2 & 13... *12' 7 1/2"*
Proportions, Depth to Length, Uppermost Continuous
Deck at side to top of keel *9.5*
" " Upper Deck at side
to top of keel *6.34*

Master *C. Neumann.*
Year of Appointment *(1) As Master in service of
owner of present vessel: 19
(2) As Master of this
vessel: 1911*
Built at *Copenhagen.*
When built *1911* Launched *4th Febr. 1911.*
By whom built *1/2 Kjøbenhavns Flydskib og Skibsbyggeri*
Owners *The Russian East Asiatic Steam Ship Co. Ltd.*
Managers *✓*
(Where necessary to be entered in Reg. Book.)
Residence *St. Petersburg.*
Port belonging to *Libau*

Destined Voyage *Libau* *✓* Surveyed while Building, Afloat, or in Dry Dock *yes.*
Length *215.5* breadth *34' 0"* depth *23.5'* Awn. or Shelter Dk. Moulded depth, ft. *8* To Awning or Shelter Dk. Round up of Uppermost
Upper Deck. Moulded depth, ft. *15* ins. *2* To Upper Dk. Dk. Beam, Actual *8 1/2* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
E, Angles, or E or L Bars, amidships	6	3	38	6	3	38	KEEL, Bar, depth and thickness				
in peaks	5	3	38	5	3	38	STEM, moulding and thickness				
in way of Double Bottoms at Solid Floors	3	3	30	3	3	30	STERN-POST for Rudder do. do.				
at intermdt. Bkts.	5	3	40	5	3	40	" " for Propeller				
of Frames from centre to centre amidships	22 1/2			22 1/2			RUDDER-A x D* Table 22				
length to collision bulkhead	22 1/2			22 1/2			" Main Piece, diameter at head				
of Frames from centre to centre in peaks	22 1/2			22 1/2			" " " " at heel				
RESID FRAME, Angles, in double bottom	3	3	30	3	3	30	RUDDER, how constructed				
ING, depth of girder	4	3	34	4	3	34	Can the Rudder be unshipped afloat?				
RS, depth and thickness of Floor Plate											
at mid-line for 1/2 length amidships											
in 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											
RS & BRACKETS, in Cell Dble Bottoms											
state if flanged (top & bottom)											
spacing											
IE GIRDER, in Dbl. bottom, depth & thickness											
" Angles, Top	3 1/2	3 1/2	46	3 1/2	3 1/2	46					
" " Bottom	3 1/2	3 1/2	46	3 1/2	3 1/2	46					
" " to Floors	3 1/2	3 1/2	46	3 1/2	3 1/2	46					
GIRDERS, number and thickness	3	3	30	3	3	30					
state if flanged (top & bottom)											
" Angles	3	3	30	3	3	30					
IN PLATE, depth (exclusive of flange)	24			24							
and thickness											
" to floors	3 1/2	3 1/2	34	3 1/2	3 1/2	34					
" to Bilges	11			11							
BOTTOM PLATING, breadth and	66			66							
thickness of Middle Line Strake											
" thickness in Engine and Boiler space											
" " Remainder in Holds											
S, Awng or Shltz 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							
spacing											
S, 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							
spacing											
S, Third or Fourth Deck, Single Angle,											
Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
spacing											
S, Fourth or Fifth Deck, Plate, Tee											
Bulb or Channel											
Angles on upper edge											
spacing											
P, 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											
AMS, Forecastle Deck, Angle, Bulb Angle,											
Plate, Tee Bulb or Channel											
Angles on upper edge											
spacing											
LARS, In 'tween Deck, size and spacing	2 rows 2 3/8	45		2 rows 2 3/8	45						
" " Hold	3 1/2	45		3 1/2	45						
" " Quarter, 'tween Dks., " "											
" " in Hold											
B-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											

BULKHEADS.			STIFFENERS.			Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.	Vertical.		
			Size.	Spacing.	Size.		
			Inches.	Inches.	Inches.		
W. T. BULKHEADS	3	3	28-26		28-26	Single	Same Dk.
COLLISION	1	1	28-26		28-26	Single	Awning Dk.
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.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Ordinary or jogged?		ordinary.		RIVETS.			STRAPS.			IF LAPPED.		Feet.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Double or Triple and for what Length.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	41	68	52	52	41	68	double	5 1/4	7/8	3 1/2	4 1/2	1	3 1/2				14	1/2	
GARBOARD OR A Strake	58	46	38	38		46	double	4 1/2	3/4	3	4 1/2	3/4	2 5/8				10	1/2	
B " "	54	46	38	38		46	double	4 1/2	3/4	3	3 1/2	3/4	2 5/8				7 1/2	1/2	
C " "	54	46	38	38		46	double	4 1/2	3/4	3	"	3/4	2 5/8				7 1/2	1/2	
D " "	54	46	38	38		46	double	4 1/2	3/4	"	"	3/4	"				7 1/2	1/2	
E " "	54	44	38	38		44	single	2 1/2	3/4	"	"	3/4	"				7 1/2	1/2	
F " "	54	44	38	38		44	single	2 1/2	3/4	"	"	3/4	"				7 1/2	1/2	
G " "	54	44	38	38		44	double	4 1/2	3/4	"	"	3/4	"				7 1/2	1/2	
H " "	54	44	38	38		44	double	4 1/2	3/4	"	"	3/4	"				7 1/2	1/2	
J " "	43	46	38	38	40	46	double	4 1/2	3/4	"	3 1/2	3/4	2 5/8				7 1/2	1/2	
K " "																			
L " "																			
M " "																			
N " "																			
O " "																			
P " "																			
Q " "																			
R " "																			
S " "																			
DOUBLING of Flat Plate Keel																			
" of Sheerstrakes	20-7 1/2	44			20-7 1/2	44			3/4	3									
POOP SIDES	42	44				44	double	4 1/2	3/4	3	3 1/2	3/4	2 5/8				7 1/2	1/2	
SHORT BRIDGE SIDES	54 1/2	46				46													
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. *Siemens Martin Steel*
David Colville & Sons, Motherwell
Tatnall's Shipbuilding & Iron Co. Ltd.
Gutehoffnungshütte Oberhausen
Stewart & Lloyd's Ltd. Mossend.
William Beardmore & Co. Glasgow
 Has the Steel been tested as required by the Rules? *yes*

Awning or (Butts, 3 1/2" riveted for 1/1 length amidship.
 Shelter Deck Stringer Plate Straps, single, double or overlapped for 1/1 length amidship.
 Second Deck (Butts, 2 1/2" riveted for 1/1 length amidship.
 Stringer Plate Straps, single, or overlapped for 1/1 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 3 1/2" riveted.
 Centre Girder Butts, 3 1/2" riveted Keelson Butts, riveted.
 Frames, riveted through Plates with 3/4" in. Rivets, about 5/4 apart.
 Rivets, state whether Iron or Steel *Steel*.

FRAMES extend in one length from *margin plate* to *Bridge Dk. in way of Bridge but the Butts cut away from Awning Dk. to Bridge Dk.* state if ordinary or jogged? *ordinary*
 REVERSED FRAMES on floors and frames extend from *margin plate to margin plate.* state if ordinary or jogged? *ordinary*

MASTS, SPARS, &C.										RIVETING.			
	Material.	Total Length	DIAMETER AND THICKNESS.			No. of Plates in round.	Angles.	Number.	Size.	Seams.		Butts.	
			At Partners.	Heel.	Hounds.								
LOWER MASTS....	Fore	Steel	42-4	16"	15"	13 1/4		2		Single 3/4"	3 1/2"	3 1/2"	
	Main	Steel	44-4	16"	15"	13 1/4		2		Single 3/4"	3 1/2"	3 1/2"	
	Mizen												
Bowsprit													
Topmasts, Yards and Remainder of Spars													
Rigging, Material and Size, Shrouds	1 off 4" circ.	2 off 3 1/2" circ.											
Sails.	Suit of												

EQUIPMENT No. 12532 LETTER W. ANCHORS.										Where and when tested and Superintendent.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	Cwts.	qrs.	lbs.
65018	1st Bower	25	3	23				25	12	2	25	2	
65015	2nd "	24	3	9				24	12	3	25	2	
65017	3rd "	22	1	24				22	15	0	22		
	Collective weight	73	1	0				73	0	0			
8191	Stream	6	2	12	1	2	18	8	17	2	6	2	
8192	Kedge	3	2	12	0	3	20	6	0	3	3	2	

CHAIN CABLES.										HAWERS AND WARPS.					
Number of Certificate.	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.	
	Length.	Diam.		Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Cir.
8634	210	1 1/2"	40 1/2	58 1/2	242-0-5	210	1 1/2"	210	1 1/2"	Stud link	Woodman Bros.	Bradley Heath 13/11	TOWLINE	90	2 3/4"
													HAWERS & WARPS	90	2 3/4"
														90	2 3/4"
Iron Stream	75	3/4"		26-2		75	3/4"			extra	Jacob Albin	Copenhagen 4/4 11		90	6
Steel Wire										flexible	Copenhagen	Jacob Albin		90	5

Boats 2 wood lifeboats 24'0" x 6'6" x 2'9" 2 do. 22'0" x 6'6" x 2'6" Steam Steering Gear *John Hastie & Co. 6" x 6"* Hand Steering Gear *Gratford 4 1/2" diam of screw*
 Pumps, Number 1 *Dornton pump* Diameter of Barrel 3 1/2" State whether they are in efficient working order *yes*
 Windlass is *Clark Chapman & Co. 9" diam. x 10" Strake* Capstan *yes*
 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? *1/2*
 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 coverings 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 *yes* No. of Crutches *yes*
 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*
 Builder's Signature *KØBENHAVNS FLYDEK OG SKIBSVÆRFT* Surveyor's Signature *H. Somme* Register
Ove Munk 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 2-5-6-7-13-31 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

to plate, &c., conform well to each other?

yes

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.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 69 1/2 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 (Stk) & Aving. Dk (Stk-WS)

Official No. ; Signal Letters

State if Machinery is fitted aft

no

How are the surfaces preserved from oxidation? Inside iron oxide, cement in bottom & bilges. 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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. 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.	(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

yes.

Order for Special Survey No.

Date

No. 88 in builder's yard.

DATES OF SURVEYS held while building

25/10 28/10 4/11 17/11 18/11 19/11 22/11 23/11 26/11 29/11 3/12 1/12 2/12 5/12 9/12 10/12 12/12 13/12 14/12 15/12 19/12 20/12 23/12 27/12 28/12 29/12 10.
2/1 3/1 5/1 10/1 13/1 14/1 15/1 21/1 26/1 31/1 1/2 2/2 4/2 8/2 9/2 13/2 16/2 20/2 24/2 24/2 28/2 1/3 3/3 7/3 8/3 16/3 20/3 25/3 28/3 29/3 30/3 31/3 1/4 3/4 5/4 10/4 11/4 12/4 18/4 20/4 25/4 26/4 27/4 19/11

Total No. of Visits 69.

The amount of Entry Fee..... £ 72: 72:

Special £ 102: 90:

Freight Expenses, if any £ 57: 27:

No. 1159. 89

Fees applied for,

2-5-1911

Received by me,

4-5-1911.

Certificates 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 Aving. Dk Lloyd's A.P.

With, or without Freeboard, as condition of Class

With freeboard

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

Committee's Minute

TUES. 9 MAY 1911

Character assigned

100 A1

aving. dk with free

Lloyd's A.P. 100 A1

Engine also the L.P.M.

W.



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