

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office. THUR. 12 JUL 1906

Date of completion of report *19th July 1906* State of Report is also sent on the Machinery of the Vessel *Yes*
Survey held at *Copenhagen* Port of *Copenhagen* No. *2330*
On the *Steel S.S. Tranquebar* (Yard No. 249) Date, First Survey *20th November 1905* Last Survey *13th June 1906*
Rig *Fore & aft. sch. (2 pole masts)*
Master *J. Thomsen*
Year of appointment *1905*
Built at *Copenhagen*
When built *1906* Launched *28th April 1906*
By whom built *Det Østasiatiske Kompagni*
Owners *Det Østasiatiske Kompagni*
Managers *Copenhagen*
Residence *Copenhagen*
Port belonging to *Copenhagen*
If Surveyed while Building, Afloat, or in Dry Dock *While building*

TONNAGE under 3243.09
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 46.20
Total under Upper Dk. 3243.09
Do. of Poop 46.20
Do. of Bridge House 41.32
Do. of Forecastle 88.509
Do. of Houses on Dk. 14.43
Do. of excess of Hatchways
Do. above Crown of Engine Room... 3453.13
Gross Tonnage 93.49
Less Crew Space 1105.00
Less above Crown of Engine Room... 3359.64
TONNAGE FOR FEES... 27.77
Engine Room 2226.87
Navigation Spaces
ster Tonnage cut on Beam... 2226.87

THREE DECKED VESSEL.
CLASS 100A1
FEET.
Half Breadth (moulded) 23.66
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam) 27.46
Girth of Half Midship Frame (as per Rule) 46.79
deduct 7 feet..... 97.91
1st Number 90.91
Length on deck from after part of stem to fore part of stern post 368.08
2nd Number 33462
Proportions—Breadth to Length 7.77
Depth to Length—Upper Deck to top of Keel 13.4
Main Deck ditto 18.9

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
368	1	Moulded	47	4	Do.	Do.	16	11 1/2	Two
Dimensions of Ship per Register, Length 370' breadth 47.5' depth 24.0' Moulded depth, ft. 26 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 11 1/2 ins.									

FRAMING.				FORGINGS or CASTINGS.			
	Inches in Ship	Inches in Ship	20ths in Ship.	Inches per Rule Or a	Inches per Rule Appro ved.	20ths per Rule	
NAME, Angles, or L, E or L Bars for 1/2 length amidships	9 3 1/2	10 9	3 1/2	10			Flat plate 11 x 2 7/8 - 2 1/4
do. for 1/2 at each end	9 3 1/2	9 9	3 1/2	9			11 x 6 3/4
do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8-7	3 1/2	8-7		11 x 6 3/4
" " " at intermdt. Bkts.	24			24			9 9
Distance of Frames from moulding edge to moulding edge, all fore and aft	4 3 1/2	10 in BS		4 3 1/2	10 in BS		6 3/4
REVERSED FRAME, Angles	9			9			6 3/4
DEEP FRAMING, depth of girder							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
do. in way of Engines and Boilers							
do. thickness at the ends of vessel							
do. depth at 1/2 the half breadth, as per Rule							
do. height extended at the Bilges							
DOORS & BRACKETS in Cell Dble Bottoms	42	10 in BS		42	10 in BS		
" " Distance apart	24	10-8		24	10-8		
CENTRE GIRDER, in Double bottom, depth and thickness	42	12 in BS		42	12 in BS		
" " Angles, Top	4 1/2	11 in BS		4 1/2	11 in BS		
" " Bottom, at 1/2	4 1/2	12-11		4 1/2	12-11		
DE GIRDERS, number on each side & thickness	3 1/2	11 in BS		3 1/2	11 in BS		
" " Angles	33	10 in BS		33	10 in BS		
REGIN PLATE, depth (exclusive of flange) and thickness	4	11 in BS		4	11 in BS		
" " Angles to Outside Plating	42	10-8		42	10-8		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
do. in Engine and Boiler space							
do. Remainder in Holds							
RAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, Channel	5 1/2 x 3 x 3	8-7		5 1/2 x 3 x 3	8-7		
" " Angles on upper edge	24			24			
" " Average space	7 x 3 x 3	9		7 x 3 x 3	9		
RAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, Channel							
" " Angles on upper edge	24			24			
" " Average space							
RAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" " Angles on upper edge							
" " Average space							
RAMS, Hold, or Orlop, Plate or Tee Bulb	10	9		10	9		
" " Angles on upper edge	48	48		48	48		
" " Average space							
RAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb, Channel	7 1/2 x 3 1/2 x 3 1/2	9		7 1/2 x 3 1/2 x 3 1/2	9		
" " Angles on upper edge	48	48		48	48		
" " Average space							
RAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6 1/2 x 3 x 3	8-7		6 1/2 x 3 x 3	8-7		
" " Angles on upper edge	48			48			
" " Average space							
PILLARS, In 'tween Deck, size and spacing							
" " Hold							
" " Quarter 'tween Dks.,							
" " in Hold							
WEB-FRAMES, In Fore Body, No. and spacing							
do. brdth. & thickness							
do. No. of Side Stringers							
WEB-FRAMES, In E. & B. Space, No. & spacing	one	8		one	8		
do. brdth. & thickness							
do. No. of Side Stringers							
WEB-FRAMES, In After Body, No. and spacing							
do. brdth. & thickness							
do. No. of Side Stringers							
do. Size of Angles or Tee Bars to Web-Frames	6	4	10	6	4	10	
BRACKET PLATES to Stringers between Web Frames, depth and thickness							

KEEL, Bar or Side Plates, depth and thickness					
STEM, moulding and thickness					
STERN-POST for Rudder do. do.					
" " for Propeller					
MAIN PIECE of Rudder, diameter at head	9			9	
" " do. at heel	6 3/4			6 3/4	
RUDDER, how constructed	Single plate 22 1/2" head forged steel, main piece forged iron				
Can the Rudder be unshipped afloat? Yes with forged steel arms secured by on 5 fitted 4 1/2 pinth					

KEELSONS & STRINGERS.				Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Appro ved.	20ths per Rule
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate									
" Rider Plate									
" Bulb Plate to Intercoastal Keelson									
" Horizontal Plates on Floors									
" Angles									
SIDE KEELSON, Angles									
" Bulb or Plate above floors, for	Ing.								
" Intercoastal Plate, for	length								
" Attached to outside Plating with Angle									
BILGE KEELSON, Angles									
" Bulb or Plate above floors, for	Ing.								
" Intercoastal Plate for	length								
" Attached to outside Plating with Angle									
BILGE STRINGER Angles, Intercoastal Plating				13	8-7	13	8-7		
" Bulb Plate for	length								
" Intercoastal Plate for from frame 155 forward length									
" Attached to outside Plating with Angle									
SIDE STRINGER Angles									
" Bulb or Intercoastal Plate, for APT. to cell 8 in	13	4	12-10	6	4	12-10	8-7	13	8-7
" Attached to outside plating with Angle	flanged								
Upper Deck Stringer Plates, br'dth & thickness				56-43	10-8	56-43	10-8		
" Angle on ditto	4 x 4 x	9-8	4 x 4 x	9-8					
Deck Tie Plates fore and aft, outside Hatchways									
" Deck, * Iron or Steel, for whole	Ing.	8-7	8-7						
" Wood Deck. Material & thickness	Teak in well	2 1/2	2 1/2						
Middle Deck Stringer Plate, br'dth & thickness				56-43	10-8	56-43	10-8		
" Angles on ditto, No.	4 x 4 x	9-8	4 x 4 x	9-8					
Deck Tie Plates outside Hatchways									
" Diagonal Tie Plates on Bms., No. of prs.									
" Deck, * Iron or Steel, for whole	Ing.	7-6	7-6						
" Wood Deck. Material & thickness									
Lower Deck Stringer Plate, br'dth & thickness									
" Angles on ditto, No.									
" Tie Plates, outside Hatchways									
" Deck, * Material and thickness									
Hold, or Orlop Stringer Plate, br'dth & thckn's									
" Angles on ditto, No.									
" Tie Plates outside Hatchways									
" Deck. Material and thickness									
Poop Deck Stringer Plate, breadth & thickness				42-28	10-8	42-28	10-8		
" Angle on ditto	4 x 4 x	11-8	4 x 4 x	11-8					
Deck Tie Plates									
" Deck. Material and thickness	Teak with 3 1/2" Teak sheathing	7-6	7-6						
Bridge Deck Stringer Plate, br'dth & thickness									
" Angle on ditto									
" Tie Plates									
" Deck. Material and thickness									
Forecastle Deck Stringer Plate, br'dth & th'kns				28	7	28	7		
" Angle on ditto	4 x 4 x	8	4 x 4 x	8					
" Tie Plates									
" Deck. Material and thickness	Teak with 3 1/2" Teak sheathing	6	6						

BULKHEADS.	Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up
	In Vessel.	Per Rule.	Horizontal.	Vertical.		
	Size.	Spacing.	Size.	Spacing.		
	Inches.	Inches.	Inches.	Inches.		
W. T. BULKHEADS	6	6	7-6	7-6	30	Single
PARTITION						
LONGITUDINAL						

Are the outside Plates doubled in spaces of Frames in length? Bulbheads conn. & sides by bolts

Are the Sluice Valves and Watertight Doors in efficient working order? Yes.

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