

1 or 2 Dks., R.Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

Survey held at Shanghai
On the Steel screw Icebreaker "Jung-king"
TONNAGE under
Deck 292.53

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

Date of completion of Report 29th Sept 1913

Date, First Survey October 10th 1913

Port of Shanghai

Last Survey 20th Sept 1913

Rig One pole mast.

No. 1421

Received at London Oct 16 1913

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS 100 A-1.

Master

Year of appointment (1) As master in service of
owner of present vessel: 19
(2) As master of this
vessel: 19

Built at Shanghai

When built 1913 Launched 22nd May 1913

By whom built Kiangnan Dk & Eng Works

Owners Hai Ho Conservancy Commission

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

Residence Tientsin

Port belonging to Tientsin

Half Breadth (moulded) 13'-8 1/2"

Depth from upper part of Keel to top of Main Deck Bms. 15'-0 1/2"
(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 41.91

1st Number 41.91

Length on deck from after part of stem to fore part of stern post 120-0

2nd Number 5029.20

Proportions—Breadths to Length 4.37

Depths to Length—Main Deck to top of Keel 14'-6"

Destined Voyage Tientsin

If Surveyed while Building, Afloat, or in Dry Dock Yes both

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid	met cubic
120	0	Moulded	27	5	Top of Floors to top of Main Deck Beams	12	9	No. of Tiers of Beams	Two
or Register, Length,		120-0	breadth,		26-7 1/2	depth,		13-6 1/2	Moulded Depth, 14 ft. 6 ins. Round of Beam, Actual 6 1/2 ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
, C or L Bars, for $\frac{1}{2}$ length				KEEL, Bar or Side Plates depth and thickness			
end	4	3	28	STEM, moulding and thickness	7 1/2	1 1/2	
Double Bottoms at Solid Floors.				STERN-POST for Rudder do. do.	6 1/2	1 1/2	
" at intermdt. Bkts.				" for Propeller	5 3/4	3 1/4	
from centre to centre	22" as on profile, at ends	18" to 20"		MAIN PIECE of Rudder, diameter at head	5		
ME, Angles	3	3	28	do. at heel	3		
depth of girder	3 1/2	3	30	RUDDER, how constructed	Double plate	28" thick	
and thickness of Floor Plate	15		32	Can the Rudder be unshipped afloat?	Yes.		
for $\frac{1}{2}$ length amidships				KEELSONS AND STRINGERS.			
girders and Boilers		36 1/2	42	CENTRE LINE KEELSON, Vertical Plate above	11"		42
the ends of vessel			28	floors, Through Plate, or Intercoastal Plate			
the half breadth, as per Rule	37 1/2			" Rider Plate	8"		42
ded at the Bilges				" Bulb Plate to Intercoastal Keelson			
NETS, in Cell Dble Bottoms				" Horizontal Plates on Floors			
state if flanged (top & bottom)				" Angles	3 1/2	3	32
Spacing				SIDE KEELSON, Angles	3	3	30
R, in Double Bottom, depth				" Bulb or Plate above floors for lng.			
kness				" Intercoastal Plate for whole length			30
" Angles, Top				" Attached to outside plating with Angle	3	3	30
" Bottom				BILGE KEELSON, Angles			
number on each side & thickness				" Bulb or Plate above floors for lng.			
state if flanged (top & bottom)				" Intercoastal Plate for length			
depth (exclusive of flange)				" Attached to outside plating with Angle			
kness				BILGE STRINGER Angles	3	3	30
Outside Plating				" Bulb Plate for length			
Floors				" Intercoastal Plate for length			
Floors at the Bilges				" Attached to outside plating with Angle			
PLATING, breadth and				SIDE STRINGER Angles	3	3	30
ess of Middle Line Strake				" Bulb or Intercoastal Plate for 2x B lng.	1 1/2		50
ess in Engine and Boiler space				" Attached to outside plating with Angle	3	3	30
Remainder in Holds				Main and Raised Quarter Deck Stringer			
and Raised Quarter Deck	5	3	34	Plate, breadth and thickness	26		34
Bulb Angle, Plate or Tee Bulb	3	3	36	" Angle on ditto	3x3		36
Upper Edge	22" centres			" Tie Plates, outside Hatchways			
Deck, Single Angle, Bulb	6 1/2	3	40	" Diagonal Tie Plates on Bms., No. of Pairs			
ate or Tee Bulb				" Main Dk* Iron Steel for whole lng.	32	to 24	with 2 1/2" thick
on Upper Edge	44" centres			" R. Q. Dk* Iron or Steel for lng.			
ate or Tee Bulb				" Wood Deck, Material & thickness	Teak	2 1/2"	
on Upper Edge				Lower Deck Stringer Plate, breadth and	15		30
ck, Angle, Bulb Angle, Plate				thickness			
lb				" Angles on ditto, No.	3x3		30
on Upper Edge				" Tie Plates, outside Hatchways	6		26
g				" Deck* Material and thickness	Pine	2" thick	
te or Pt. Awng. Deck, Angle,	4	3	30	Hold Stringer Plate			
Angle Plate, or Tee Bulb				" Angles on ditto, No.			
g on Upper Edge	22" centres			Poop Deck Stringer Plate, breadth & thickness			
g				" Angle on ditto			
astle Deck, Angle, Bulb Angle,	4	3	30	" Tie Plates			
or Tee Bulb	5 1/2	3	40	" Deck, Material and thickness			
g on Upper Edge	22" centres			Bridge or Pt. Awning Deck Stringer Plate,	24		25
g	2 1/8 solid			breadth and thickness	5 1/2 x 3		40
tween Decks, Size and Spacing				" Angle on ditto	9		25
Hold				" Tie Plates	2" thick		
arter, 'tween Dks., "	2 1/8 solid			" Deck, Material and thickness	Teak	2"	
" in Hold				Forecastle Deck Stringer Plate, brdth & thcknss	24		25
MES, In Fore Body, No. and Spacing				" Angle on ditto	5 1/2 x 3		40
" Brdth. & Thickness				" Tie Plates	9		25
No. of Side Stringers				" Deck, Material and thickness	Teak	2"	
MES, In E. & B. Space, No. & Spacing				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" Brdth. & Thickness				BULKHEADS.	Number.	Thickness.	STIFFENERS.
MES, In After Body, No. and Spacing				In Vessel.	Per Rule.	Horizontal.	Vertical.
" Brdth. & Thickness				Size.	Size.	Spacing.	Spacing.
No. of Side Stringers				Inches.	Inches.	Inches.	Inches.
" Size of Angles or Tee Bars to Web Frames				16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.
BRACKET PLATES to Stringers between				W.T. BULKHEADS	4	28-26	30
Web Frames, Depth and Thickness				PARTITION	2	24	
				LONGITUDINAL			

Are the outside Plates doubled two spaces of Frames in length?
Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING.										RIVETING.																																																																			
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES				BUTTS.																																																																	
		AMIDSHIP.		FORWARD.				AFT.		AMIDSHIP.		Ordinary or Joggled?		Ordinary		Double or Treble Rivets for what Length.		RIVETS.		STRAPS.		IF LAPPED.																																																							
		Breadth.	Thickness.	Thickness.	Thickness.			Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Double or Treble Rivets for what Length.	Diam.	Spacing or to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.																																																							
		Inches.	16ths or 32ds.	16ths or 32ds.	16ths or 32ds.			Inches.	16ths or 32ds.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.																																																								
Flat Plate Keel																																																																													
(If Bar Keel, state Riveting)																																																																													
GARBOARD OR A Strake ..		✓36	✓40	✓40	✓36																																																																								
State actual thickness in way of Double Bottom.																																																																													
B " "			✓34	✓30	✓30																																																																								
C " "			✓34	✓30	✓30																																																																								
D " "			✓34	✓30	✓30																																																																								
E " "			✓32	✓28	✓28																																																																								
F " "			✓32	✓28	✓28																																																																								
G " "			36"	✓36	✓36	✓36																																																																							
Sheerstrake H " "			36°	✓36	✓36	✓36																																																																							
Balances K " "				24	24	24																																																																							
L " "																																																																													
M " "																																																																													
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P " "																																																																													
DOUBLING OF Flat Plate Keel																																																																													
Length and thickness of Bilges		A doubling plate fitted all fore & aft																																																																											
of Sheerstrakes		6'-0" wide x 3/8" thick																																																																											
of Strake below POOP SIDES		ABC D strakes doubled for 24'-0"																																																																											
RAISED QUARTER DECK SIDES		aft stem																																																																											
BRIDGE SIDES																																																																													
FORECASTLE SIDES		24"																																																																											
LENGTHS OF PLATING.....		Nine frame spaces.																																																																											
<p>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, outside Plating, &c. ?</p> <p>Siemens Martins Process Steel Co. of Scotland. Has the Steel been tested as required by the Rules <i>Yes</i>.</p>																																																																													
<p>Main Stringer Plate { Butts, treble riveted for whole length amidship. Straps, single, double or overlapped for whole length amidship</p> <p>Butts of Side Stringers, and Tie Plates, treble or double riveted? <i>treble</i></p> <p>Inner Bottom Plating, riveting of Edges — Butts</p> <p>Centre Girder Butts, — riveted</p> <p>Keelson Butts, — riveted.</p> <p>Frames, riveted through Plates with 7/8" in Rivets, about 4 3/8" apart.</p> <p>Rivets, state whether of Iron or Steel <i>Steel</i>.</p>																																																																													
<p>FRAMES extend in one length from <i>keel</i> to <i>Main deck</i></p> <p>REVERSED FRAMES on floors and frames extend from <i>centre keelson + all to Main deck</i></p> <p>state if ordinary or joggled <i>ordinary</i></p> <p>state if ordinary or joggled <i>-Do-</i></p>																																																																													
MASTS, SPARS, &c.																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">LOWER MASTS....</th> <th rowspan="2">Material.</th> <th rowspan="2">Total length.</th> <th colspan="4">DIAMETER AND THICKNESS.</th> <th rowspan="2">No. of Plates in round.</th> <th colspan="2">ANGLES.</th> <th colspan="2">RIVETING.</th> </tr> <tr> <th>At Partners.</th> <th>Heel.</th> <th>Hounds.</th> <th>Head.</th> <th>Number.</th> <th>Size.</th> <th>Seams.</th> <th>Butts.</th> </tr> </thead> <tbody> <tr> <td>Fore</td> <td><i>Bregon pine 44' 3'</i></td> <td></td> <td>8"</td> <td>7 3/4"</td> <td>6"</td> <td>4"</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>Main</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mizen</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Bowsprit —</p> <p>Topmasts, Yards and Remainder of Spars</p> <p>Rigging, Material and Size, Shrouds <i>2 and 1 backstay, steel wire</i> Stays</p> <p>Sails,</p>																						LOWER MASTS....	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.		At Partners.	Heel.	Hounds.	Head.	Number.	Size.	Seams.	Butts.	Fore	<i>Bregon pine 44' 3'</i>		8"	7 3/4"	6"	4"	—	—	—	—	—	Main												Mizen											
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