

3 Decks.

IRON OR STEEL STEAMER.

No. 4536

Date of completion of report *Sept 11th 1895* Port of *Belfast* State if Report is also sent on the Machinery of the Vessel *yes*
Survey held at *Belfast* Date, First Survey *Jan^y 11th 1895* Last Survey *Sept 11th 1895* Received at London Office *Nov 16 1895*
On the *Steel Screw Steamer "Pakling"* *Pak Ling* per Owners *Rig Sch. 2 masts*
TONNAGE under Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. *4242.59*
Total under Upper Dk. *4242.59*
Do. of Poop *103.05*
Do. of Bridge House *59.03*
Do. of Forecastle *26.02*
Do. of Houses on Dk. *15.29*
Do. of excess of Hatchways *4440.88*
Do. above Crown of Engine Room *112.82*
Less Crew Space *4333.76*
Less above Crown of Engine Room *1422.91*
TONNAGE FOR FEES... *36.29*
Less Engine Room *2874.56*
Less Navigation Spaces
Register Tonnage as cut on Beam *2874.56*
THREE DECKED VESSEL.
CLASS *+ 100 A 1*
Master *H. Allan*
Year of appointment
Built at *Belfast*
When built *1895* Launched *July 24th*
By whom built *Clarkman Clark & Co.*
Owners *China Mutual C.N.C. Co.*
Managers
Residence *3 Belliter Avenue*
Port belonging to *London*
Destined Voyage *China* If Surveyed while Building, Afloat, or in Dry Dock while Built?

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH top of Floors to	Feet.	Inches.	Power of	Horse	No. of Decks with flat laid
as per Rule	400	1	Moulded	47	10	Do.	25	6	Engines	800	Two
Dimensions of Ship per Register, Length	410		Breadth	48		Depth	27				

FRAMING.				FORGINGS or CASTINGS.			
FRAME, Angles, on 7 C or 1 Bars for 1 length amidships	Inches in Ship	Inches in Ship	Inches in Ship	KEEL, Bar or Side Plates, depth and thickness	Inches in Ship	Inches in Ship	Inches in Ship
Do. for 1/2 at each end	6 3/2	9 1/2	6 3/2	STEM, moulding and thickness	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2
Do. in way of Double Bottoms at Solid Floors	6 3/2	9 1/2	6 3/2	STERN-POST for Rudder do. do.	11 1/2 x 7 1/2	11 1/2 x 7 1/2	11 1/2 x 7 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	25	25	25	MAIN PIECE of Rudder, diameter at head	10	10	10
REVERSED FRAME, Angles	6 3/2	9 1/2	6 3/2	do. at heel	5	5	5
DEEP FRAMING, depth of girder	9	9	9	RUDDER, how constructed	Cast steel, Single plate		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				Can the Rudder be unshipped afloat?	yes		
in way of Engines and Boilers				KEELSONS & STRINGERS.			
thickness at the ends of vessel				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship	Inches in Ship	Inches in Ship
depth at 1/2 the half breadth, as per Rule				Rider Plate			
height extended at the Bilges				Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS in Cell Dble Bottoms	Inches in Ship	Inches in Ship	Inches in Ship	Horizontal Plates on Floors			
Distance apart	46	9 1/2	9 1/2	Angles			
CENTRE GIRDER, in Double bottom, depth and thickness	55	11 1/2	11 1/2	SIDE KEELSON, Angles	Inches in Ship	Inches in Ship	Inches in Ship
Angles, Top	4 4	10 4	10 4	Bulb or Plate above floors, for lng.			
Bottom	4 4	10 4	10 4	Intercoastal Plate, for length			
SIDE GIRDERS, number and thickness	4 4	10 4	10 4	Attached to outside Plating with Angle			
Angles	4 4	10 4	10 4	BILGE KEELSON, Angles	Inches in Ship	Inches in Ship	Inches in Ship
MARGIN PLATE, depth (exclusive of flange) and thickness	4 4	10 4	10 4	Bulb or Plate above floors, for lng.			
Angles	4 4	10 4	10 4	Intercoastal Plate for length			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	51	10 3/4	10 3/4	Attached to outside Plating with Angle			
in Engine and Boiler space	10 3/4	10 3/4	10 3/4	BILGE STRINGER Angles	Inches in Ship	Inches in Ship	Inches in Ship
Remainder in Holds	10 3/4	10 3/4	10 3/4	Bulb Plate for length			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Intercoastal Plate for Entire length			
Angles on upper edge	8 1/2	10 1/2	10 1/2	Attached to outside Plating with Angle			
Average space	50	50	50	SIDE STRINGER Angles	Inches in Ship	Inches in Ship	Inches in Ship
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Bulb or Intercoastal Plate, for lng.			
Angles on upper edge	8 1/2	10 1/2	10 1/2	Attached to outside plating with Angle			
Average space	50	50	50	Upper Deck Stringer Plates, br'dth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Angle on ditto	61	14	61
Angles on upper edge	8 1/2	10 1/2	10 1/2	Tie Plates fore and aft, outside Hatchways	5 x 5 x 11	5 x 5 x 11	5 x 5 x 11
Average space	50	50	50	Deck * Iron or Steel, for Entire lng.			
BEAMS, Hold, or Orlop, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Wood Deck. Material & thickness	3 1/2	3 1/2	3 1/2
Angles on upper edge	8 1/2	10 1/2	10 1/2	Middle Deck Stringer Plate, br'dth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
Average space	50	50	50	Angles on ditto, No. 2	4 x 4 x 9	4 x 4 x 9	4 x 4 x 9
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Tie Plates outside Hatchways			
Angles on upper edge	8 1/2	10 1/2	10 1/2	Diagonal Tie Plates on Bms. No. of prs.			
Average space	50	50	50	Deck * Iron or Steel, for Entire lng.			
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Wood Deck. Material & thickness			
Angles on upper edge	8 1/2	10 1/2	10 1/2	Lower Deck Stringer Plate, br'dth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
Average space	50	50	50	Angles on ditto, No. 4	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Inches in Ship	Inches in Ship	Inches in Ship	Tie Plates outside Hatchways			
Angles on upper edge	8 1/2	10 1/2	10 1/2	Deck * Material and thickness	3 1/2	3 1/2	3 1/2
Average space	50	50	50	Hold, or Orlop Stringer Plate, br'dth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Angles on ditto, No.			
Hold	4 1/2	10 1/2	10 1/2	Tie Plates outside Hatchways			
Quarter 'tween Dks.	4 1/2	10 1/2	10 1/2	Deck. Material and thickness			
in Hold	4 1/2	10 1/2	10 1/2	Poop Deck Stringer Plate, breadth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
WEB-FRAMES, In Fore Body, No. and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Angle on ditto	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10
br'dth. & thickness				Tie Plates	10	10	10
No. of Side Stringers	4 as per Sect 4	4 as per Sect 4	4 as per Sect 4	Deck. Material and thickness	2 1/2	2 1/2	2 1/2
WEB-FRAMES, In E. & B. Space, No. and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Bridge Deck Stringer Plate, br'dth & thickness	4 1/2	10	4 1/2
br'dth. & thickness				Angle on ditto	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10
No. of Side Stringers	4 as per Sect 4	4 as per Sect 4	4 as per Sect 4	Tie Plates	10	10	10
WEB-FRAMES, In After Body, No. and spacing	Inches in Ship	Inches in Ship	Inches in Ship	Deck. Material and thickness	2 1/2	2 1/2	2 1/2
br'dth. & thickness				Forecastle Deck Stringer Plate, br'dth & thickness	Inches in Ship	Inches in Ship	Inches in Ship
No. of Side Stringers	4 as per Sect 4	4 as per Sect 4	4 as per Sect 4	Angle on ditto	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10	3 1/2 x 3 1/2 x 10
BRACKET PLATES to Stringers between Web Frames, depth and thickness	Inches in Ship	Inches in Ship	Inches in Ship	Tie Plates	10	10	10
				Deck. Material and thickness	2 1/2	2 1/2	2 1/2

