

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

# IRON STEAMER.

State if Report is also sent on the Machinery of the Vessel Yes  
Date of completion of Report 20/8/97  
Date, First Survey Feb. 9<sup>th</sup>

No. 11259  
Received at London Office, TUES, 24 AUG 1897  
Port of Hull  
Last Survey Aug 4<sup>th</sup> 1897  
Rig Reich

Survey held at Hull  
On the Iron Steam Trawler Indian Empire  
TONNAGE under Tonnage Deck 169.36  
Do. of Poop 4.22  
Do. of Raised Qr. 8.05  
Do. of Bridge House 181.63  
Do. of Forecastle 9.35  
Do. of Houses on Deck 8.05  
Do. of excess of Hatchways 164.23  
Do. above Crown of Engine Room 98.65  
Gross Tonnage 8.45  
Less Crew Space 65.15  
Less above Crown of Engine Room  
TONNAGE FOR FEES  
Less Engine Room  
Less Navigation Spaces  
Register Tonnage as cut on Beam

ONE ~~DECKED~~ DECKED VESSEL.  
CLASS +100 A1

Half Breadth (moulded) 10.43  
Depth from upper part of Keel to top of Main Deck Bms. 12.58  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) 18.58  
1st Number 41.59  
Length on deck from after part of stem to fore part of stern post 109  
2nd Number 4533.31  
Proportions—Breadths to Length 0.6  
Depths to Length—Main Deck to top of Keel 5.2  
Destined Voyage Fishing

Master  
Year of appointment (1) As master in service of owner of present vessel—18  
(2) As master of this vessel—18  
Built at Hull  
When built 1897 Launched 5 July 1897  
By whom built Cook Wilson & Bennett  
Owners Cargill Steam Trawling Co  
Managers (Where necessary to be entered in Reg. Book).  
Residence Hull  
Port belonging to Hull

LENGTH on Deck as per Rule 109 Feet. 0 Inches. BREADTH—Moulded 20 Feet. 10 3/8 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 11 Feet. 3 Inches. No. of Decks with Flat laid One No. of Tiers of Beams One  
Dimensions of Ship per Register, Length, 110 breadth, 21 depth, 11.3 Moulded Depth, 12 ft. 1 ins. Round of Beam, Actual 6 ins.

FRAMING.		Inches in Ship	Inches in Ship	10ths of 16ths in Ship	Inches per Rule Or 2	Inches per Rule Or 2	10ths of 16ths per Rule
FRAME, Angles, <u>7</u> Bars, for $\frac{1}{2}$ length amidships		<u>3</u>	<u>2 1/2</u>	<u>5</u>	<u>3</u>	<u>2 1/2</u>	<u>5</u>
Do. for $\frac{1}{2}$ at each end		<u>3</u>	<u>2 1/2</u>	<u>5</u>	<u>3</u>	<u>2 1/2</u>	<u>5</u>
Do. in way of Double Bottoms at Solid Floors		<u>1</u>					
" " at intermdt. Bkts.		<u>1</u>					
Distance of Frames from moulding edge to moulding edge, all fore and aft		<u>20</u>			<u>20</u>		
EVERSED FRAME, Angles		<u>2 1/2</u>	<u>3 1/2</u>	<u>4</u>	<u>2 1/2</u>	<u>2 1/2</u>	<u>4</u>
DEEP FRAMING, depth of girder		<u>16</u>	<u>6</u>		<u>16</u>	<u>6</u>	
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		<u>16</u>	<u>7</u>		<u>16</u>	<u>7</u>	
" in way of Engines and Boilers		<u>16</u>	<u>6</u>		<u>16</u>	<u>6</u>	
" thickness at the ends of vessel		<u>16</u>	<u>6</u>		<u>16</u>	<u>6</u>	
" depth at $\frac{1}{2}$ the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms							
" Distance apart							
CENTRE GIRDER, in Double Bottom, depth and thickness							
" Angles, Top							
" Bottom							
DE GIRDERS, number on each side & thickness							
" Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness							
" Angles to Outside Plating							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
" thickness in Engine and Boiler space							
" Remainder in Holds							
RAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		<u>5 1/2</u>	<u>3</u>	<u>7</u>	<u>5 1/2</u>	<u>3</u>	<u>7</u>
" Angles on Upper Edge		<u>1</u>					
" Average space		<u>40</u>			<u>40</u>		
RAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Average space							
RAMS, Hold, Plate or Tee Bulb							
" Angles on Upper Edge							
" Average space							
RAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Average space							
RAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb							
" Angles on Upper Edge							
" Average Space							
RAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
" Angles on Upper Edge							
" Average space							
LARS, In 'tween Decks, Size and Spacing							
" Hold		<u>40</u>	<u>2 1/2</u>		<u>40</u>	<u>2 1/2</u>	
" Quarter, 'tween Dks.,							
" in Hold							
B FRAMES, In Fore Body, No. and Spacing							
" Brdth. & Thickness							
" No. of Side Stringers							
B FRAMES, In E. & B. Space, No. & Spacing							
" Brdth. & Thickness							
B FRAMES, In After Body, No. and Spacing							
" Brdth. & Thickness							
" No. of Side Stringers							
" Size of Angles or Tee Bars to Web Frames							
CKET PLATES to Stringers between							
eb Frames, Depth and Thickness							

FORGINGS AND CASTINGS.		Inches in Ship.		Inches per Rule. Or as Approved.					
KEEL, Bar or Side Plates	depth and thickness	7 1/2 x 1 1/8	✓	7 1/2 x 1 1/8					
STEM, moulding and thickness		8 x 2	✓	8 x 2					
STERN-POST for Rudder	do. do.	6 x 2 1/2	✓	6 x 2 1/2					
STERN-POST for Propeller		6 x 2 1/2	✓	6 x 2 1/2					
MAIN PIECE of Rudder, diameter at head	do. at heel	3 1/2	✓	3 1/2					
MAIN PIECE of Rudder, diameter at head	do. at heel	2	✓	2					
RUDDER, how constructed		Angled frame plates							
Can the Rudder be unshipped afloat?		Yes							
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	1/16ths of inches in Ship.	Inches per Rule Or a	Inches per Rule s Approved	1/16ths of inches per Rule		
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		7 1/2	7 1/2	7		7 1/2	7		
" Rider Plate		✓							
" Bulb Plate to Intercoastal Keelson		✓							
" Horizontal Plates on Floors		✓							
" Angles		4	3	7	4	3	7		
SIDE KEELSON, Angles		✓							
" Bulb or Plate above floors for lng.		✓							
" Intercoastal Plate for length		✓							
" Attached to outside plating with Angle		✓							
BILGE KEELSON, Angles		3	3	6	3	3	6		
" Bulb or Plate above floors for len.		✓							
" Intercoastal Plate for length		✓							
" Attached to outside plating with Angle		✓							
BILGE STRINGER Angles		✓							
" Bulb Plate for length		✓							
" Intercoastal Plate for length		✓							
" Attached to outside plating with Angle		✓							
SIDE STRINGER Angles		3	3	6	3	3	6		
" Bulb or Intercoastal Plate for lng.		✓							
" Attached to outside plating with Angle		✓							
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		23		6	23		6		
" Angle on ditto		3 x 3		6	3 x 3		6		
" Tie Plates fore & aft, outside Hatchways		17		6					
" Diagonal Tie Plates on Bms., No. of Pairs		1							
" Main Dk* Iron or Steel for lng.		✓							
" R. Q. Dk* Iron or Steel for lng.		✓							
" Wood Deck, Material & thickness		3" P. Pine			3" P. Pine				
Lower Deck Stringer Plate, breadth and thickness		✓							
" Angles on ditto, No.		✓							
" Tie Plates, outside Hatchways		✓							
" Deck* Material and thickness		✓							
Hold Stringer Plate		✓							
" Angles on ditto, No.		✓							
Poop Deck Stringer Plate, breadth & thickness		✓							
" Angle on ditto		✓							
" Tie Plates		✓							
" Deck, Material and thickness		✓							
Bridge Deck Stringer Plate, brdth & thickness		✓							
" Angle on ditto		✓							
" Tie Plates		✓							
" Deck, Material and thickness		✓							
Forecastle Deck Stringer Plate, brdth & theknss		✓							
" Angle on ditto		✓							
" Tie Plates		✓							
" Deck, Material and thickness		✓							
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.									
BULKHEADS.		Number.		STIFFENERS.				Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Thickness.		Horizontal.		Vertical.			
		16ths or 20ths. <td></td> <td>Size. Inches.<td>Spacing Inches.<td>Size. Inches.<td>Spacing Inches.<td></td><td></td></td></td></td></td>		Size. Inches. <td>Spacing Inches.<td>Size. Inches.<td>Spacing Inches.<td></td><td></td></td></td></td>	Spacing Inches. <td>Size. Inches.<td>Spacing Inches.<td></td><td></td></td></td>	Size. Inches. <td>Spacing Inches.<td></td><td></td></td>	Spacing Inches. <td></td> <td></td>		
T. BULKHEADS	3 ✓	3 ✓	4 ✓	3.2 1/2 x 5	4 1/2	3.2 1/2 x 5	30	all	to Dk
RTITION	✓								
NGITUDINAL	✓								
Are the outside Plates doubled two spaces of Frames in length?									
Are the Sluice Valves and Watertight Doors in efficient working order?									



