

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 58966

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

Port of *Newcastle (Wallsend)* Date of completion of Report *22 Oct 1909* Received at London Office *TUES 23 AUG 1910*

Survey held at *Newcastle (Wallsend)* Date, First Survey *22 Oct 1909* Last Survey *12 August 1910*

On the *T.S.S. Indrabarrah* Rig *4 Masted Schooner*

TONNAGE under Tonnage Deck... *6890.84* CLASS *100 A.1. Shelter Dk. FRET.* Master *R. J. Dwyer (en or)*

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *107.59* Breadth (greatest moulded) *58.00* *AR. Holmworth - 10* (1) As Master in service of owner of present vessel - *1882*

Total under Upper Dk. *226.84* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *43.16* (2) As Master of this vessel - *19*

Do. of Poop *82.70* Deduct height of 'tween deck when this does not exceed 8ft. *8.00* Built at *Newcastle (Wallsend)*

Do. of B. Qr. Dk. *226.84* Transverse Number *93.16* When built *1910* Launched *1<sup>st</sup> June 1910*

Do. of Bridge House *82.70* Length on deck from fore part of stem to after part of sternpost *440* By whom built *Swan Hunter & Wigham Reed & Co.*

Do. of Forecastle *82.70* Longitudinal Number *43785* Owners *Indra Line Ltd.*

Do. of Houses on Deck *82.70* Depth "d" at middle of length. See Secs. 2 & 13... *21.92* Managers *T. B. Royden*

Do. of excess of Hatchways *82.70* Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.9* (Where necessary to be entered in Reg. Book)

Do. above Crown of Engine Room *7395.37* Depth "d" at middle of length. See Secs. 2 & 13... *21.92* Residence *Liverpool*

Gross Tonnage *256.61* Port belonging to *Liverpool*

Less Crew Space *7138.76* Destined Voyage *Melbourne via London* If Surveyed while Building, Afloat, & in Dry Dock *Yes*

Less above Crown of Engine Room *2366.52*

TONNAGE FOR FEES... *21.26*

Less Engine Room *86.69*

Less Navigation Spaces *4664.29*

Register Tonnage as cut on Beam...

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL—Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
470	0		58	0		40	5	10	3	3

  

Dimensions of Ship per Register,			Awn. or Shelter Dk. Moulded depth, ft. <i>43</i> ins. <i>2</i> To Awning or Shelter Dk.			Round up of Uppermost Dk. Beam, Actual .. <i>14</i> ins.		
Length	<i>471</i>	breadth	<i>58.4</i>	depth	<i>31.6</i>	Upper Deck.	Moulded depth, ft. <i>34</i> ins. <i>7</i> To Upper Dk.	

  

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, on E or L Bars, amidships	<i>9</i>	<i>3 1/2</i>	<i>50</i>	<i>9</i>	<i>3 1/2</i>	<i>50</i>
Do. in peaks	<i>8 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>8 1/2</i>	<i>3 1/2</i>	<i>50</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>
at intermdt. Bkts.						
Spacing of Frames from centre to centre amidships	<i>26</i>	<i>pre-lift</i>	<i>26</i>			
" length to collision bulkhead	<i>as approved</i>					
" of Frames from centre to centre in peaks						
REVERSED FRAME, Angles	<i>4</i>	<i>3 1/2</i>	<i>50</i>	<i>4</i>	<i>3 1/2</i>	<i>50</i>
FRAMING, depth of girder	<i>9</i>	<i>3 1/2</i>	<i>50</i>	<i>9</i>	<i>3 1/2</i>	<i>50</i>
FLOORS, 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						
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom) spacing	<i>26</i>	<i>45</i>		<i>45</i>		
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	<i>14</i>	<i>60</i>	<i>14</i>	<i>60</i>		
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>55</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>55</i>
" Bottom	<i>5</i>	<i>5</i>	<i>60</i>	<i>5</i>	<i>5</i>	<i>60</i>
" to Floors	<i>6</i>	<i>6</i>	<i>55</i>	<i>6</i>	<i>55</i>	
SIDE GIRDERS, number and thickness	<i>2</i>	<i>45</i>	<i>2</i>	<i>45</i>		
" state if flanged (top & bottom)						
" Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>38</i>	<i>55</i>	<i>38</i>	<i>55</i>		
" Angles to outside plating	<i>4</i>	<i>4</i>	<i>55</i>	<i>4</i>	<i>55</i>	
" to floors	<i>6</i>	<i>6</i>	<i>50</i>	<i>6</i>	<i>50</i>	
Height of Brackets above at bilge	<i>3 1/2</i>	<i>29</i>				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>48</i>	<i>55</i>	<i>48</i>	<i>55</i>		
" thickness in Engine and Boiler space	<i>E. 55</i>	<i>B. 60</i>	<i>55</i>	<i>60</i>		
" Remainder in Holds		<i>45</i>		<i>45</i>		
BEAMS, Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>7</i>	<i>3</i>	<i>40</i>	<i>7</i>	<i>3</i>	<i>40</i>
" Angles on upper edge						
" Spacing	<i>26</i>	<i>26</i>				
BEAMS, Upper or Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>7</i>	<i>3</i>	<i>44</i>	<i>7</i>	<i>3</i>	<i>44</i>
" Angles on upper edge						
" Spacing	<i>26</i>	<i>26</i>				
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3</i>	<i>46</i>	<i>8</i>	<i>3</i>	<i>46</i>
" Angles on upper edge						
" Spacing	<i>26</i>	<i>26</i>				
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" Angles on upper edge						
" Spacing						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>7</i>	<i>3</i>	<i>40</i>	<i>7</i>	<i>3</i>	<i>40</i>
" Angles on upper edge						
" Spacing	<i>26</i>	<i>26</i>				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3</i>	<i>42</i>	<i>8</i>	<i>3</i>	<i>42</i>
" Angles on upper edge						
" Spacing	<i>26</i>	<i>26</i>				
PILLARS, in 'tween Deck, size and spacing						
" Hold						
" Quarter, 'tween Dks., "						
" in Hold						
WEB-FRAMES, in Fore Body, No. and spacing	<i>3</i>	<i>as approved</i>	<i>3</i>			
" brdth. & thickness	<i>26</i>	<i>50</i>	<i>26</i>	<i>50</i>		
" No. of Side Stringers						
WEB FRAMES, in E. & B. Space, No. & spacing	<i>3</i>		<i>3</i>			
" brdth. & thickness	<i>26</i>	<i>50</i>	<i>26</i>	<i>50</i>		
" No. of Side Stringers						
WEB FRAMES, in After Body, No. and spacing	<i>1</i>		<i>1</i>			
" brdth. & thickness	<i>26</i>	<i>50</i>	<i>26</i>	<i>50</i>		
" No. of Side Stringers						
" Size of Face Angles to Web Frames	<i>6 1/2</i>	<i>4 1/2</i>	<i>75</i>	<i>6 1/2</i>	<i>4 1/2</i>	<i>75</i>
BRACKET PLATES to Stringers between Web Frames, depth and thickness						

  

FORGINGS AND CASTINGS.	Inches in Ship.	Inches per Rule Or as Approved.
KEEL, Bar, depth and thickness		
STEM, moulding and thickness	<i>11 x 2 7/8</i>	<i>11 x 2 7/8</i>
STERN-POST for Rudder do. do.	<i>12 x 4 1/2</i>	<i>11 x 5 1/4</i>
" for Propeller	<i>as approved</i>	
RUDDER—A x D Table 22	<i>6.5 x 4</i>	<i>12 1/2 knots</i>
" Main Piece, diameter at head	<i>11 1/2</i>	<i>11 1/2</i>
" " " at heel	<i>8 1/2</i>	<i>8 1/2</i>
RUDDER, how constructed	<i>Single plate</i>	
Can the Rudder be unshipped afloat?	<i>Yes</i>	

  

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number	<i>3</i>					
" Angle	<i>6 1/2</i>	<i>4 1/2</i>	<i>75</i>	<i>6 1/2</i>	<i>4 1/2</i>	<i>75</i>
" Intercoastal Plate, for full lng.	<i>13 1/2</i>	<i>50</i>	<i>13 1/2</i>	<i>50</i>		
" Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>
Awning or Shelter Deck Stringer Plates, breadth and thickness	<i>58</i>	<i>70</i>	<i>65</i>	<i>58</i>	<i>65</i>	
" Angle on ditto	<i>5 x 5</i>	<i>55</i>	<i>5 x 5</i>	<i>55</i>		
" Tie Plates, fore and aft, outside Hatchways						
" Deck, * Iron or Steel, for full lng.		<i>45</i>		<i>45</i>		
" Wood Deck, Material and thickness						
Upper or Second Deck Stringer Plate, breadth and thickness	<i>58</i>	<i>60</i>	<i>58</i>	<i>60</i>		
" Angles on ditto, No. <i>2</i>	<i>4 x 4</i>	<i>45</i>	<i>4 x 4</i>	<i>45</i>		
" Tie Plates, outside Hatchways						
" Deck, * Iron or Steel, for full lng.		<i>40</i>		<i>40</i>		
" Wood Deck, Material and thickness						
Third Deck Stringer Plates, br'dth & th'kns	<i>57</i>	<i>55</i>	<i>51</i>	<i>55</i>		
" Angles on ditto, No. <i>2</i>	<i>4 x 4</i>	<i>45</i>	<i>4 x 4</i>	<i>45</i>		
" Tie Plates, outside Hatchways						
" Deck, * Material and thickness <i>Steel</i>		<i>36</i>		<i>36</i>		
Fourth and Fifth Deck Stringer Plate, breadth and thickness						
" Angles on ditto, No.						
" Tie Plates, outside Hatchways						
" Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness						
" Angles on ditto						
" Tie Plates						
" Deck, Material and thickness						
Bridge Deck Stringer Plate, br'dth & thickness	<i>42</i>	<i>44</i>	<i>42</i>	<i>44</i>		
" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>40</i>	<i>3 1/2 x 3 1/2</i>	<i>40</i>		
" Tie Plates						
" Deck, Material and thickness <i>Steel</i>	<i>38</i>	<i>38</i>	<i>38</i>	<i>38</i>		
Forecastle Deck Stringer Plate, br'dth & th'kns	<i>3 1/2 x 3 1/2</i>	<i>38</i>	<i>3 1/2 x 3 1/2</i>	<i>38</i>		
" Angle on ditto						
" Tie Plates						
" Deck, Material and thickness <i>Steel</i>	<i>25</i>	<i>with 5 x 3 P.P. Sheathing</i>				

  

BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
	In Vessel.	Per Rule.	Horizontal. Size, Spacing. Vertical. Size, Spacing.		
W. T. BULKHEADS	<i>7</i>	<i>7</i>	<i>10 x 3 1/2 x 3 1/2 x 20</i>	<i>30</i>	<i>U. Dk.</i>
COLLISION "		<i>3 1/2</i>	<i>8 Rev. 3 1/2 x 3 1/2 x 20</i>	<i>20</i>	
PARTITION "		<i>10</i>	<i>8 1/2 x 3 x 44 B.A.</i>		<i>Shelter Deck</i>
LONGITUDINAL "			<i>Horizontal as approved</i>		

  

Are the outside Plates doubled two spaces of Frames in length? *Yes*

Are the Stance Valves and Watertight Doors in efficient working order? *Yes*



PLATING. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. EDGES. BUTTS. STRAKES. AMIDSHIP. FORWARD. AFT. AMIDSHIP. Single or Double. Breadth of Lap. Rivets. Double or Treble and for what Length. Rivets. Straps. If Lapped. Flat Plate Keel. GABBOARD OF A STRAKE. State actual thickness in way of Double Bottom. Sheerstrake. DOUBLING OF Flat Plate Keel of Sheerstrakes. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Manufacturer's name or trade mark of the Iron or Steel. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. EQUIPMENT No. 47945 LETTER d.t. ANCHORS. Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQ. BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. CHAIN CABLES. 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. Breaking Test of Steel Wire. FATHOMS AND SIZE PER TABLE 31. HAWSERS 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. Breaking Test of Steel Wire. FATHOMS AND SIZE PER TABLE 31. Boats. Life Cutters. Steam Steering Gear. Hand Steering Gear. Pumps, Number. Diameter of Barrel. State whether they are in efficient working order. Windlass is. Engine Room Skylights. How constructed? What arrangements for deadlights in bad weather? Coal Bunker Openings. How constructed? Number of Scuppers, and number and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. How formed? State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. Bulwarks, height above deck and description. The above is a correct description. Builder's Signature. Surveyor's Signature. 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. 27.8.09 9.9.09 20.9.09 22.9.09 30.9.09 12.10.09 30.10.09 8.11.09 26.11.09 23.12.09 12.3.10  
18.5.10

Workmanship. Are the butts of plating planed or otherwise fitted? *Lapped and planed.*

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? *A few*

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 vessel has been built in accordance with the Rules the approved plans and the Secretary's Letters quoted above. The workmanship and materials are good throughout. The following approved plans are forwarded herewith:—Kido ship Section Profile, Stern frame and Rudder, 2d. Cargo doors, Stern frame & propeller brackets, Collision bulkhead 2d. Side stringer forward insulated hatchways, ordinary cargo hatchways, Built pillars & girders, Pumping plan, Riveting of intercostals & Framing at after ends*

*No 2-3 & 4 holds are insulated for the carriage of refrigerated cargoes*

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

ft., F'castle

ft. (in feet and

tenths). When the Poop is joined to the B.D., this should be distinctly stated

*Complete Shelter Deck with Bridge & Forecastle on same.*

*Shade Dr 9.5 ft. (See Sec 4 letter 1/9/09)*

to. 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) *2 Dks (Stc) and Shelter Dr (Stc) and Deck framing*

Official No. *131279*; Signal Letters

State if Machinery is fitted aft

*No*

How are the surfaces preserved from oxidation? Inside

*Portland Cement & Paint*

Outside

*Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

*Cell. Sys.*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>117</i>	<i>244</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<i>65</i>	<i>291</i>	After peak tank,		<i>81</i>
Double bottom, if under Engines only, <i>Fresh Water</i>	<i>19.5</i>	<i>78</i>	Deep tank aft,		<i>80</i>
Double bottom, if under Boilers only,			Deep tank forward,		
Double bottom, forward,	<i>221</i>	<i>723</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1336</i>	(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. *4143*

Date *16-11-09*

*855* in builder's yard.

DATES OF SURVEYS held while building

*1909 Oct. 22 Nov. 1 2 4 5 8 9 16 19 26 Dec. 1 2 3 6 8 14 15 17 20 22 23 24 25 26 31 Jan. 6 7 10 18 21 27 31 Feb. 4 7 17 23 25 Mar. 2 7 9 10 14 15 17 18 22 23 24 30 31 Apr. 6 7 12 15 18 20 22 25 27 29 May 2 4 5 11 12 13 19 22 27 30 Jun. 1 7 8 17 19 29 Jul. 1 5 6 7 11 14 22 27 28 29 Aug. 3 4 5 8 12*

Total No. of Visits *92*

Amount of Entry Fee £ *5 : 0 : 0*

Special £ *203 : 9 : 6*

Travelling Expenses, if any £ :

Fees applied for,

*22 AUG 1910*

Received by me,

*279-19*

Certificates to be sent to

*NEWCASTLE ON TYNE.*

Whether the Vessel has been built under Special Survey

In opinion this Vessel should be Classed

th, or without Freeboard, as condition of Class

*100 A.1. Steel Shelter Deck*

*With freeboard*

*E. J. Milton*

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

Committee's Minute

Character assigned

*100 A.1. Steel Shelter Deck*

*Lloyd's A & B C*

*+ L.R. 6.7.10*

*Engine (m) W.*



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Lloyd's Register Foundation

Rule's since 28/9/10.

*W679-01262*