

3 Decks. Rule IRON OR STEEL STEAMER.

1902 MAR 13 1902

Received at London Office

Date of completion of report 12 March 1902 State of Report is also sent on the Machinery of the Vessel Yes
Survey held at Thornaby-on-Tees Port of Middlesbrough-on-tees No. 3300
On the Screw Steamer (Date, First Survey 3rd September 07 Last Survey 7th March 18902)
Sheller THREE DECKED VESSEL. (Yard No. 528 Rig Schooner.)

TONNAGE under Tonnage Deck... 3352.48
Do. between Tonnage Dk. and 3rd and 4th Dk. ...
Total under Upper Dk. ...
Do. of Poop 33.60
Do. of Bridge House ...
Do. of Forecastle ...
Do. of Houses on Dk. ...
Do. of excess of Hatchways ...
Do. above Crown of Engine Room ...
Gross Tonnage 3842.24
Less Crew Space 89.26
Less above Crown of Engine Room ...
Net Tonnage 3752.98
Engine Room 1229.53
Navigation Spaces 48.58

CLASS 100A1 Steel Shelled Vessel.
Half Breadth (moulded) 23.90
Depth from upper part of Keel to top of Upper Deck Beams 29.30
Girth of Half Midship Frame (as per Rule) 48.95
deduct 7 feet 7.00
1st Number 95.15
Length on deck from after part of stem to fore part of stern post 338.16
2nd Number 321.46
Proportions—Breadth to Length 7.04
Depth to Length—Upper Deck to top of Keel 11.54
Main Deck ditto ...
Destined Voyage Cardiff to load

Master David Cantell
Year of appointment (1) As Master in service of owner of present vessel: 18902 (2) As Master of this vessel: 18902
Built at Thornaby-on-Tees
When built 1902 Launched 7-2-02
By whom built Richardson Duck & Co.
Owners Northam S. Co. (Ld)
Managers N. J. Valtem & Co.
Residence Cardiff
Port belonging to Cardiff

FTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid ...
per Rule 338-2 Moulded 47-94 Do. do. do. do. Main Dk. Beams 25 11 No. of Tiers of Beams 3
Dimensions of Ship per Register, Length 340 breadth 48.1 depth 25.9 Moulded depth, ft. 28 ins. 4 To Upper Dk. Round of Upper Dk. Beam, Actual 15 ins.

FRAMING.			FORGINGS OR CASTINGS.			KEELSONS & STRINGERS.		
Angles, or L, E or C Bars for 1/2 length amidships	6	3 1/2	9	6	3 1/2	9	6	3 1/2
for 1/2 at each end	6	3 1/2	8	6	3 1/2	8	6	3 1/2
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	10	3 1/2	3 1/2	10	3 1/2	3 1/2
" at intermdt. Bkts.	25			25				
ce of Frames from moulding edge to	6	3 1/2	9	6	3 1/2	9		
lding edge, all fore and aft	6	3 1/2	9	6	3 1/2	9		
RSEED FRAME, Angles	6	3 1/2	9	6	3 1/2	9		
FRAMING, depth of girder	9			9				
RS, depth and thickness of Floor Plate								
at mid-line for 1/2 length amidships								
in way of Engines and Boilers								
thickness at the ends of vessel								
depth at 1/2 the half breadth, as per Rule								
height extended at the Bilges								
RS & BRACKETS in Cell Dble Bottoms	44		8	44		8		
Distance apart	25			25				
CE GIRDER, in Double bottom, depth	44		10	44		10		
and thickness	4	4	9	4	4	9		
" Angles, Top	6 1/2	4 1/2	9	6 1/2	4 1/2	9		
" Bottom	6 1/2	4 1/2	9	6 1/2	4 1/2	9		
GIRDERS, number on each side & thickness	32	3 1/2	8	3 1/2	3 1/2	8		
" Angles	36		10	36		10		
IN PLATE, depth (exclusive of flange)	4	4	9	4	4	9		
and thickness	54		10	54		10		
" Angles to Outside Plating								
BOTTOM PLATING, breadth and								
thickness of Middle Line Strake								
" in Engine and Boiler space								
" Remainder in Holds	8 1/2	3	12	8 1/2	3	12		
Upper Deck, Single Angle, Bulb								
Angle, Plate or Tee Bulb	25			25				
Angles on upper edge	15 1/2		10	15 1/2		10		
Average space	3 1/2	3 1/2	8	3 1/2	3 1/2	8		
Middle Deck, Single Angle, Bulb								
Angle, Plate or Tee Bulb	50			50				
Angles on upper edge								
Average space								
Lower Deck, Single Angle, Bulb								
Angle, Plate or Tee Bulb								
Angles on upper edge								
Average space								
Hold, or Orlop, Plate or Tee Bulb								
Angles on upper edge								
Average space								
Poop Deck, Angle, Bulb Angle, Plate								
or Tee Bulb								
Angles on upper edge								
Average space								
Bridge Deck, Angle, Bulb Angle, Plate	7	3	8	7	3	8		
or Tee Bulb								
Angles on upper edge	25			25				
Average space								
Forecastle Deck, Angle, Bulb Angle,								
Plate or Tee Bulb								
Angles on upper edge								
Average space								
In 'tween Deck, size and spacing	2 1/2	as Rule	2 1/2					
" Hold	4 1/2	as Rule	4 1/2					
Quarter 'tween Dks.,	2 1/2	as Rule	2 1/2					
" in Hold	4 1/2	as Rule	4 1/2					
WEB-FRAMES, In Fore Body, No. and spacing	20		9 1/2	20		9 1/2		
" breadth & thickness	20		9 1/2	20		9 1/2		
No. of Side Stringers	20		9 1/2	20		9 1/2		
WEB-FRAMES, In E. & B. Space, No. & spacing	20		9 1/2	20		9 1/2		
" breadth & thickness	20		9 1/2	20		9 1/2		
WEB-FRAMES, In After Body, No. and spacing	20		9 1/2	20		9 1/2		
" breadth & thickness	20		9 1/2	20		9 1/2		
No. of Side Stringers	20		9 1/2	20		9 1/2		
" Size of Angles or Tee Bars to Web-Frames	6 1/2	4 1/2	12	6 1/2	4 1/2	12		
BRACKET PLATES to Stringers between	15		9	15		9		
Web Frames, depth and thickness								
KEEL, Bar or Side Plates, depth and thickness								
STEM, moulding and thickness	11	2 1/2		11	2 1/2			
STERN-POST for Rudder do. do.	11	6 1/2		11	6 1/2			
" for Propeller	11	6 1/2		11	6 1/2			
MAIN PIECE of Rudder, diameter at head	9			9				
" do. at heel	6 1/2			6 1/2				
RUDDER, how constructed	Angle plate			Angle plate				
Can the Rudder be unshipped afloat?	Yes			Yes				
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								
Intercoastal Plate, for								
Attached to outside Plating with Angle								
BILGE KEELSON, Angles								
" Bulb or Plate above floors, for								
Intercoastal Plate for								
Attached to outside Plating with Angle								
BILGE STRINGER Angles								
" Bulb Plate for								
Intercoastal Plate for								
Attached to outside Plating with Angle								
SIDE STRINGER Angles								
" Bulb or Intercoastal Plate, for								
Attached to outside plating with Angle								
Upper Deck Stringer Plates, br'dth & thickness	5 1/2	10		5 1/2	10			
" Angle on ditto	4 1/2	9		4 1/2	9			
Tie Plates fore and aft, outside Hatchways								
Deck * Iron or Steel, for								
Wood Deck. Material & thickness								
Middle Deck Stringer Plate, br'dth & thickness	6 3/4	12		6 3/4	12			
" Angles on ditto, No.	4 1/2	9		4 1/2	9			
Tie Plates outside Hatchways	18	10		18	10			
Diagonal Tie Plates on Bms., No. of prs.								
Deck * Iron or Steel, for								
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								
" Angle on ditto								
Tie Plates								
Deck. Material and thickness								
Bridge Deck Stringer Plate, br'dth & thickness	4 1/2	8		4 1/2	8			
" Angle on ditto	3 1/2	8		3 1/2	8			
Tie Plates								
Deck. Material and thickness								
Forecastle Deck Stringer Plate, b'dth & th'kns								
" Angle on ditto								
Tie Plates								
Deck. Material and thickness								
BULKHEADS.								
In Vessel.								
Per Rule.								
Thickness.								
STIFFENERS.								
Horizontal.								
Vertical.								
Single or Double Frames.								
Height up.								
W. T. BULKHEADS	7	6		7	6			
PARTITION								
LONGITUDINAL								
Are the outside Plates doubled two spaces of Frames in length?								
Are the Sluice Valves and Watertight Doors in efficient working order?								

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