

Spar, or Awning Dk. IRON OR STEEL STEAMER.

THURS. 22 MAR 1894

No. 29916

Port of *Newcastle* Date of completion of Report *19 May 1894* Received at London Office
Survey held at *Newcastle* Date, First Survey *19 June 1893* Last Survey *9 March 1894*
On the *Screw Steamer "Port Elliot"* Rig *Schooner*TONNAGE under
Tonnage Deck... *3309.59*
Do. between Tonnage Dk.
and 3rd, 4th, Spar or
Awning Dk.Total under Upper Dk. *71.72*Do. of Poop *71.72*Do. of Bridge House *54.30*Do. of Forecasts *33.27*Do. of Houses on Deck *15.02*Do. of excess of Hatchways *72.13*Do. above Crown of
Engine Room... *3556.21*Gross Tonnage *89.17*

Less Crew Space

Less above Crown of
Engine Room... *3467.04*TONNAGE FOR FEES... *1137.99*

Less Engine Room

Less Navigation Spaces *34.47*Register Tonnage *2294.58*

as cut on Beam...

SPAR, AWNING OR PART AWNING-DECKED VESSEL,
or a Vessel having a continuous Shade Deck.CLASS *160 A.T. Spar Deck*Half Breadth (moulded) *21.87*Depth from upper part of keel to top of Main Deck Beams *21.75*Girth of Half Midship Frame (as per Rule) *39.16*1st Number *82.78*Length *343.16*2nd Number *284.06*Proportions—Breadths to Length... *7.84*Depths to Length—Main Deck to top of Keel *15.77*Destined Voyage *Bombay*

If Surveyed while Building, Afloat, or in Dry Dock

Master *Ralph Whitehead*Year of Appointment *1894*Built at *Newcastle upon Tyne*When built *1893* Launched *20 Jan. 1894*By whom built *Messrs. Wilson & Co.*Owners *Messrs. Milburn & Co.*

Managers

Residence *Newcastle upon Tyne*Port belonging to *London*LENG. or Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, top of Floors to Spar or Awning Dk. Beams Feet. Inches. Power of Horse. No. of Decks with flat laid 2
as per Rule... *343 2* Moulded *43 9* Do. do. Main Deck Beams... *27 5* Engines *400* No. of Tiers of Beams... *3*Dimensions of Ship per Register, Length *345.5* breadth *44.1* depth *27.5* Spar *Awning* Dk. Moulded depth, ft. *20* ins. *10* To Main Dk. Round up of *11* ins.
Main Deck.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths or 20ths per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	20ths or 20ths per Rule Or as Approved.
FRAME, Angles, or Bars, for $\frac{1}{2}$ length amidships	<i>5 3/4</i>	<i>8 5/8</i>	<i>5 3/4 8</i>	KEEL, Bar or Side Plates, depth and thickness	<i>10 1/2 x 2 3/4</i>	<i>10 1/2 x 2 3/4</i>	
Do. for $\frac{1}{2}$ at each end	<i>5 3/4</i>	<i>7 5/8</i>	<i>5 3/4 7</i>	STEM, moulding and thickness	<i>11 x 6</i>	<i>11 x 6</i>	
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>8 3 1/2 8</i>	STERN-POST for Rudder do. do.	<i>11 x 6</i>	<i>11 x 6</i>	
" " at intermdt. Bkts.	<i>3 1/2</i>	<i>3 1/2</i>	<i>8 3 1/2 8</i>	" " for Propeller	<i>11 x 6</i>	<i>11 x 6</i>	
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>24</i>	<i>24</i>	<i>24</i>	MAIN PIECE of Rudder, diameter at head	<i>8 1/2</i>	<i>8 1/2</i>	
REVERSED FRAME, Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>8 3 1/2 8</i>	do. at heel	<i>4 1/4</i>	<i>4 1/4</i>	
DEEP FRAMING, depth of girder	<i>24</i>	<i>12</i>	<i>24 12</i>	RUDDER, how constructed <i>Forged frame, plated</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	Can the Rudder be unshipped afloat? <i>Yes</i>			
" in way of Engines and Boilers	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	KEELSONS AND STRINGERS.			
" thickness at the ends of vessel	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	CENTRE LINE KEELSON, Vertical Plate above	<i>42 12</i>	<i>42 12</i>	
" depth at $\frac{1}{2}$ the half-bdth. as per Rule	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	Through Plate, or Intercoastal Plate	<i>36 10</i>	<i>36 10</i>	
" height extended at the Bilges	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	Rider Plate <i>Messrs. Wilson & Co.</i>	<i>36 10</i>	<i>36 10</i>	
FLOORS & BRACKETS, in Cell Double Bottoms	<i>13</i>	<i>12 1/4</i>	<i>13 12 1/4</i>	Bulb Plate to Intercoastal Keelson with vertical side plate	<i>36 10</i>	<i>36 10</i>	
Distance apart	<i>24</i>	<i>24</i>	<i>24</i>	Horizontal Plates on Floors <i>as per sketch</i>	<i>36 10</i>	<i>36 10</i>	
CENTRE GIRDER, in Double bottom, depth and thickness	<i>42 10</i>	<i>42 10</i>	<i>42 10</i>	Angles	<i>36 10</i>	<i>36 10</i>	
" " Angles, Top	<i>4 4 9 4 4 9</i>	<i>4 4 9 4 4 9</i>	<i>4 4 9 4 4 9</i>	SIDE KEELSON, Angles <i>Boiler space</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
" " Bottom	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	Bulb or Plate above floors, for <i>as per sketch</i>	<i>16 1/2 14 9 16 1/2 14 9</i>	<i>16 1/2 14 9 16 1/2 14 9</i>	
SIDE GIRDERS, number and thickness	<i>1 8 1 8</i>	<i>1 8 1 8</i>	<i>1 8 1 8</i>	Intercoastal Plate, for <i>as per sketch</i>	<i>16 1/2 14 9 16 1/2 14 9</i>	<i>16 1/2 14 9 16 1/2 14 9</i>	
" Angles	<i>3 1/2 3 1/2 8 3 1/2 3 1/2 8</i>	<i>3 1/2 3 1/2 8 3 1/2 3 1/2 8</i>	<i>3 1/2 3 1/2 8 3 1/2 3 1/2 8</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>28 8 28 8</i>	<i>28 8 28 8</i>	<i>28 8 28 8</i>	BILGE KEELSON, Angles <i>Boiler space</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
" Angles	<i>4 4 9 4 4 9</i>	<i>4 4 9 4 4 9</i>	<i>4 4 9 4 4 9</i>	Bulb or Plate above floors, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
INTER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>36 10 36 10</i>	<i>36 10 36 10</i>	<i>36 10 36 10</i>	Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
" thickness in Engine and Boiler space	<i>36 10 36 10</i>	<i>36 10 36 10</i>	<i>36 10 36 10</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	BILGE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Hold, or Orlop, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	<i>8 3 11 8 3 11</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
Angles on upper edge	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	<i>3 3 6 3 3 6</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
Average space	<i>24 24 24 24</i>	<i>24 24 24 24</i>	<i>24 24 24 24</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
PILLARS, in tween Deck, size and spacing	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
" Hold	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
" Quarter, tween Dks.	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
" in Hold	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	<i>2 3/4 48 2 3/4 48</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
WEB-FRAMES, in Fore Body, No. and spacing	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
" No. of Side Stringers	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
WEB FRAMES, in E. & B. Space, No. and spacing	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
" No. of Side Stringers	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	
WEB FRAMES, in After Body, No. and spacing	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	Attached to outside plating with Angle	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	<i>3 1/2 3 1/2 9 3 1/2 3 1/2 9</i>	
" No. of Side Stringers	<i>4 48 4 48</i>	<i>4 48 4 48</i>	<i>4 48 4 48</i>	SIDE STRINGER Angles	<i>6 1/2 4 9 6 1/2 4 9</i>	<i>6 1/2 4 9 6 1/2 4 9</i>	
BRACKET PLATES to Stringers between Web Frames, depth and thickness	<i>3 3/4 2 3 3/4 2</i>	<i>3 3/4 2 3 3/4 2</i>	<i>3 3/4 2 3 3/4 2</i>	Bulb or Intercoastal Plate, for <i>as per sketch</i>	<i>10 10 9 10 10 9</i>	<i>10 10 9 10 10 9</i>	

PLATING.										RIVETING.																																																																																																		
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.																																																																																																			
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		RIVETS.		STRAPS.		IF LAPPED.																																																																																													
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Inches.	Spacing or to cr.	Inches.	Spacing or to cr.	Breadth.	Thickness.																																																																																														
FLAT PLATE KEEL (If Bar Keel, state Riveting)	36	16	12	12	36	16	double	6	1	4	1	3 1/2	19	20																																																																																														
GARBOARD OR A STRAKE	52	11	11	11	36	11	"	5 1/2	7/8	3 1/2	"	"	"	"	"	"																																																																																												
B "	54	10	9	9	54	11	"	6 1/4	7/8	3 1/2	"	"	"	"	"	"																																																																																												
C "	46	11	9	9	46	12	"	"	"	"	"	"	"	"	"	"																																																																																												
D "	52	10	9	9	54	11	"	"	"	"	"	"	"	"	"	"																																																																																												
E "	40	13	10	10	46	13	"	"	"	"	"	"	"	"	"	"																																																																																												
F "	48	12	10	10	54	12	"	"	"	"	"	"	"	"	"	"																																																																																												
G "	48	13	10	10	46	13	"	"	"	"	"	"	"	"	"	"																																																																																												
H "	54	11	9	9	54	11	"	"	"	"	"	"	"	"	"	"																																																																																												
J "	46	12	9	9	46	12	"	"	"	"	"	"	"	"	"	"																																																																																												
K "	54	11	9	9	54	11	"	"	"	"	"	"	"	"	"	"																																																																																												
L "	44	13	10	10	44	13	"	"	"	"	"	"	"	"	"	"																																																																																												
M "	49	10	9	9	54	10	"	"	"	"	"	"	"	"	"	"																																																																																												
N "	40	14	10	10	40	14	"	"	"	"	"	"	"	"	"	"																																																																																												
O "	A, B, C, D Strakes full thickness in way of R.B. spaces																																																																																																											
P "	Boss and after plates as per rule																																																																																																											
Q "																																																																																																												
DOUBLING OF FLAT PLATE KEEL	24	11	11	11	24	11																																																																																																						
Length and thickness of Bilges	at ends of Bridge 18.6 in length																																																																																																											
Length and thickness of Sheerstrakes																																																																																																												
Length and thickness of Strake below																																																																																																												
POOP SIDES	7	7	7	7	7	7	single	2 1/2	3/4	3	double	3/4	2 1/2	1	1	5 whole																																																																																												
BRIDGE SIDES	7	7	7	7	7	7	"	"	"	"	"	"	"	"	"	"																																																																																												
FORECASTLE SIDES	7	7	7	7	7	7	"	"	"	"	"	"	"	"	"	"																																																																																												
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, Plating, &c. <i>Plating by Corbett iron Co. Ld. angles and Ribs by Corbett iron Co. Ld. a Dorman, Long & Co. Ld. Iron by the Stockton malleable iron Co. Ld.</i>																																																																																																												
FRAMES extend in one length from <i>Keel</i> to <i>Gunnwale</i> REVERSED FRAMES on floors and frames extend from <i>Centre line to main & Spar decks alternately, all to Spar deck in way of hatches, and to forecastle alternately</i>																																																																																																												
MASTS, SPARS, &c.																																																																																																												
<table border="1"> <thead> <tr> <th rowspan="2">LOWER MASTS...</th> <th rowspan="2">Material.</th> <th rowspan="2">Total Length</th> <th colspan="2">DIAMETER AND THICKNESS.</th> <th rowspan="2">No. of Plates in round.</th> <th rowspan="2">ANGLES.</th> <th rowspan="2">RIVETING.</th> </tr> <tr> <th>Heel.</th> <th>Head.</th> </tr> </thead> <tbody> <tr> <td>Fore</td> <td>Choke</td> <td>76.0</td> <td>20x16 1/2</td> <td>14x12 1/2</td> <td>2</td> <td>1</td> <td>single treble & double as per rule</td> </tr> <tr> <td>Main</td> <td>"</td> <td>69.6</td> <td>20x16 1/2</td> <td>14x12 1/2</td> <td>2</td> <td>1</td> <td>"</td> </tr> <tr> <td>Mizen</td> <td>"</td> <td>69.6</td> <td>20x16 1/2</td> <td>14x12 1/2</td> <td>2</td> <td>1</td> <td>"</td> </tr> </tbody> </table>																	LOWER MASTS...	Material.	Total Length	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.	RIVETING.	Heel.	Head.	Fore	Choke	76.0	20x16 1/2	14x12 1/2	2	1	single treble & double as per rule	Main	"	69.6	20x16 1/2	14x12 1/2	2	1	"	Mizen	"	69.6	20x16 1/2	14x12 1/2	2	1	"																																																										
LOWER MASTS...	Material.	Total Length	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.	RIVETING.																																																																																																					
			Heel.	Head.																																																																																																								
Fore	Choke	76.0	20x16 1/2	14x12 1/2	2	1	single treble & double as per rule																																																																																																					
Main	"	69.6	20x16 1/2	14x12 1/2	2	1	"																																																																																																					
Mizen	"	69.6	20x16 1/2	14x12 1/2	2	1	"																																																																																																					
Bowsprit <i>one</i> Topmasts, Yards and Remainder of Spars <i>Pitch Pine</i> Rigging, Material and Size, Shrouds <i>galvanized iron wire</i> Sails <i>one</i> Suit of Sails, and the following spare sails <i>3 1/4 Stays 1 1/4</i>																																																																																																												
EQUIPMENT No. 35392 LETTER <i>V</i> ANCHORS.																																																																																																												
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Boats <i>2 Life boats & 2 others</i> Pumps, Number <i>8</i> Windlass is <i>Clarke, Chapman's patent</i> Engine Room Skylights—How constructed? <i>on iron casings 7 ft above bridge deck</i> What arrangements for deadlights in bad weather? <i>Iron shutters and thick circular glass</i> Coal Bunker Openings—How constructed? <i>Iron plate</i> How are lids secured? <i>Solid hatch Height above deck? 12"</i> Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>6 Scuppers 7 Ports on each side 2 1/2 x 1 1/2</i> Ceiling in Holds, thickness and material <i>2 1/2 Pine</i> Ceiling 'tween Decks, thickness and material <i>2 1/2 pine</i> Cargo Hatchways—How formed? <i>Iron plate coverings of Heaveledges</i> Hatches, If strong and efficient? <i>2 1/2 Solid</i> State size No. 1 Hatch (Forward) <i>24.0 x 14.0</i> No. 2 Hatch <i>24.0 x 14.0</i> No. 3 Hatch <i>24.0 x 14.0</i> No. 4 Hatch <i>24.0 x 14.0</i> Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>2 deep webs and 3 fore & afters to each</i> No. of Breasthooks <i>7</i> No. of Crutches <i>3 & 3 transom</i> Main Rail, material and size <i>Bull angle iron 6 x 3 1/2</i> The above is a correct description Builder's Signature (here only) <i>William Dobson & Co</i> Surveyor's Signature <i>James Siburn</i> 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. 22 June, M. 18 August, M. 28 August, & 13 Sept. 93

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

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *a very few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

General Remarks (State quality of workmanship, &c.) *This vessel has been built of steel in accordance with the rules, and approved tracings of Midships Section and Profile, Spardeck rule, and with cellular double bottom except under the boilers. The inner bottom tested to a head of water not less in height than the load line of the vessel and proved a very satisfactory. The workmanship and materials throughout being of a good description. The Tunnel, weather deck and Pumps tested with water, which together with the Sluice Valves are now in good working order.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *30* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *40* ft., F'castle *33* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *✓*

No. 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) *1 Deck (Steel) & Spardeck (Iron) 3 tiers of Beams*

Official No. _____; Signal Letters _____

How are the surfaces preserved from oxidation? Inside *Portland cement & paint* Outside *3 Coats of paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system *Cellular system*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	120	254	Fore peak tank,		
Double bottom, forward,	148	352	After peak tank,	10	51
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. 2512 Date *8 July 1893*

Order for Ordinary Survey No. _____ Date _____

No. *60* in builder's yard.

1st. On the several parts of the frame, when in place, and before the plating was wrought *1892. June 19. 21. July 26. Aug. 1. 3. 8. 11. 15. 16. 17. 21.*

2nd. On the plating during the process of riveting *22. 24. Sept. 1. 6. 15. 20. 25. 29. Feb. 3. 12. 16. 18.*

3rd. When the beams were in and fastened, and before the decks were laid *Nov. 8. 21. 25. 27. Dec. 1. 5. 12. 18. 22. 28.*

4th. When the ship was complete, and before the plating was finally coated or cemented *1894. Jan. 11. 8. 9. 10. 16. 17. 18. 30. 31. Feb. 2. 5. 8. 13. 14.*

5th. After the ship was launched and equipped *18. 21. 22. 23. 26. Mar. 2. 7. 8. 9.* Total No. of Visits *56*

The amount of Entry Fee *£ 5 - - -* Fees applied for, *21. 3. 1894*

Special Survey Fee *£ 111. 13. 6.* Received by me, *3/1/94 G. W. R. Siburn*

Travelling Expenses, if any *£ - - -*

I am of opinion this Vessel should be Classed *100 A1 Spar deck*

With, or without Freeboard, as condition of Class *✓*

Committee's Minute *TUES. 21 MAR 1894*

Character assigned *100 A1 Steel Spar dk.*

2 at top + 2 w/c 3, 94 *10k (S.H.) + Spar dk.* *(Iron) 3 at B*

100 A1 (Steel) Spar deck
1st (S.H.) & Spar dk (Iron) 3 at B.
M.B. = Cell DB &c. (partially submerged)
F.K.

Lloyd's Register Foundation