Decks.

IRON OR STEEL STEAMER.

Received at London Office SAT. 8 SEP 1900

State if Report is also sent on the Machinery of the Vessel yes.

No. 5164

Date of completion of report September 7th 1900 — Port of Belfast

Survey held at Belfast — Date, First Survey Jany 9th 1899 — Last Survey Septr 6th 1900

the Steel Screw Steamer "Devonian" — Rig Schooner, 4 masts

THREE DECKED VESSEL.

Tonnage under Tonnage Deck	7237.38
between Tonnage Dk. and 3rd and 4th Dk.	2151.65
Total under Upper Dk.	9389.03
of Poop	26.02
of Bridge House (upper)	431.05
of Forecastle	137.22
of Houses on Dk.	293.52
of excess of Hatchways	–
above Crown of Engine Room	140.03
Gross Tonnage	10417.87
Crew Space	210.05
above Crown of Engine Room	140.03
Tonnage for Fees	10058.79
Engine Room	3333.72
Navigation Spaces	41.90
Register Tonnage, as cut on Beam	6823.20

CLASS 100A

	Feet.
Half Breadth (moulded)	29.5
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam)	41.52
Girth of Half Midship Frame (as per Rule)	64.45
	135.47
deduct 7 feet	7.
1st Number	128.47
Length on deck from after part of stem to fore part of stern post	550
2nd Number	70658
Proportions—Breadth to Length	9.3
Depth to Length—Upper Deck to top of Keel	13.2
Main Deck ditto	16.3

Master G. W. Muir

Year of appointment (1) As Master in service of owner of present vessel:—18 (2) As Master of this vessel 1900

Built at Belfast

When built 1900 — Launched June 28. 1900

By whom built Harland & Wolff Ltd.

Owners Fred.k Leyland & Co. Ltd.

Managers (Where necessary to be entered in Reg. Book.) — " — " —

Residence Liverpool

Port belonging to Liverpool

Destined Voyage Boston — If Surveyed while Building, Afloat, or in Dry Dock while Building

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	550	0	BREADTH—Moulded	59	0	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	37	0	No. of Decks with flat laid 3
						Do. do. do. do. Main Dk. Beams	29	0½	No. of Tiers of Beams 3

Dimensions of Ship per Register, Length 552.5 breadth 59.35 depth 28.95 / 36.85 Moulded depth, ft. 40 ins. 3½ To Upper Dk. Round of Upper Dk. Beam, Actual 11½ ins.

FRAMING.	Inches in Ship	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved	Inches per Rule	20ths per Rule
FRAME, ~~Angles, or~~ ⌐, [~~or~~ Bars for 3/5 length amidships	8×3 13/20	×3 13/20	×11-13	8×3 13/20 channels	×3 13/20	×11-13
	4	3½	11	4	3½	11
Do. for 1/5 at each end	3½	3½	11	3½	3½	11
Do. in way of Double Bottoms at Solid Floors at intermdt. Bkts.	–			–		
Distance of Frames from moulding edge to moulding edge, all fore and aft	30½			30½		
REVERSED FRAME, Angles at ends	4	4	10	4	4	10
~~DEEP FRAMING, depth of girder~~ Do. on channels	3½	×3½	×11	3½	3½	11
FLOORS, depth and thickness of Floor Plate at mid-line for 3/5 length amidships	|			|		
" in way of Engines and Boilers	|			|		
" thickness at the ends of vessel	|			|		
" depth at 3/4 the half breadth, as per Rule	|			|		
" height extended at the Bilges						
FLOORS & BRACKETS in Cell Dble Bottoms	51	Flgd	11	51	Flgd	11
Distance apart	30½			30½		
CENTRE GIRDER, in Double bottom, depth and thickness	51		15	51		15
Angles, Top	4	4	13	4	4	13
" " Bottom	4½	4½	15	4½	4½	15
SIDE GIRDERS, number on each side & thickness	Two	Flgd	11	Two	Flgd	11
Angles	3½	3½	10	3½	3½	10
MARGIN PLATE, depth (exclusive of flange) and thickness	42		12	40		12
Angles to Outside Plating	4	4	12	4	4	12
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42		13	36		13
" " in Engine and Boiler space		12/20 &	5/8		12/20 &	5/8
" " Remainder in Holds			11			11
BEAMS, Upper Deck, ~~Single Angle, Bulb Angle, Plate or Tee Bulb~~	8×3 13/20	×3 13/20	×11-13	8×3 13/20	×3 13/20	×11-13
~~Angles on upper edge~~	Channels			Channels		
Average space	30½			30½		
BEAMS, Middle Deck, ~~Single Angle, Bulb Angle, Plate or Tee Bulb~~	8×3 13/20	×3 13/20	×11-13	8×3 13/20	×3 13/20	×11-13
~~Angles on upper edge~~	Channels			Channels		
Average space	30½			30½		
BEAMS, Lower Deck, ~~Single Angle, Bulb Angle, Plate or Tee Bulb~~	9×3 13/20	×3 13/20	×11-13	9×3 13/20	×3 13/20	×11-13
~~Angles on upper edge~~	Channels			Channels		
Average space	30½			30½		
BEAMS, Hold, or Orlop, Plate or Tee Bulb	|			|		
Angles on upper edge	|			|		
Average space						
BEAMS, Poop Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	8	3½	10	8	3½	10
~~Angles on upper edge~~	Bulb angles			Bulb angles		
Average space	30½			30½		
BEAMS, Bridge Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	8	3½	10	8	3½	10
~~Angles on upper edge~~	Bulb angles			Bulb angles		
Average space	30½			30½		
BEAMS, Forecastle Deck, ~~Angle~~, Bulb Angle, ~~Plate or Tee Bulb~~	8	3½	10	8	3½	10
Channels under windlass 8×3 13/20×3 13/20×11-13 ~~Angles on upper edge~~	Bulb angles			Bulb angles		
Average space	30½			30½		
PILLARS, In 'tween Deck, size and spacing	4 & 3½		61	4 & 3½		61
" Hold " "	5¼		61	5¼		61
" Quarter 'tween Dks., " "	4 & 3½		122	4 & 3½		122
" in Hold " "	5¼		122	5¼		122
WEB-FRAMES, In Fore Body, No. and spacing	4 as pr plan			4 as pr plan		
brdth. & thickness	26		12	26		12
" "	2×26		×16	2×26		×16
No. of Side Stringers " "	7		122	7		122
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness	26		12	26		12
WEB-FRAMES, In After Body, No. and spacing	3 as pr plan			3 as pr plan		
brdth. & thickness	26		12	26		12
" "	2×	26×	16	2×	26×	16
No. of Side Stringers " "	4	4	12	4	4	12
Size of Angles or Tee Bars to Web-Frames; BRACKET PLATES to Stringers between Web Frames, depth and thickness	30	24	11	30	24	11

FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Flat Bar ~~or Side Plates~~, depth and thickness	10×3	10×3
STEM, moulding and thickness	12×3 7/8	12×3 7/8
STERN-POST for Rudder do. do.	13×10	13×10
" for Propeller	13×10	13×10
MAIN PIECE of Rudder, diameter at head	12½	11½
" " do. at heel	9¾×8.P 5¼	5¾

RUDDER, how constructed Cast steel frame single plate 22/20

Can the Rudder be unshipped afloat? yes

KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved	Inches per Rule	20ths per Rule
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	|			|		
" Rider Plate	|			|		
" Bulb Plate to Intercostal Keelson	|			|		
" Horizontal Plates on Floors	|			|		
" Angles	|			|		
SIDE KEELSON, Angles	|			|		
" Bulb or Plate above floors, for lng.	|			|		
" Intercostal Plate, for length	|			|		
" Attached to outside Plating with Angle	|			|		
BILGE KEELSON, Angles	|			|		
" Bulb or Plate above floors, for lng.	|			|		
" Intercostal Plate for length	|			|		
" Attached to outside Plating with Angle	3/ 6½	4½	12	3/ 6½	4½	12
BILGE STRINGER Angles	6½	4½	15	6½	4½	15
" ~~Bulb Plate for length~~						
" Intercostal Plate for Entire length	26		16	26		16
" Attached to outside Plating with Angle	4	4	13	4	4	13
SIDE STRINGER Angles	3/ 6½	4½	12	3/ 6½	4½	12
	6½	4½	15	6½	4½	15
" ~~Bulb or~~ Intercostal Plate, for Entire lng.	26		16	26		16
" Attached to outside plating with Angle	4	4	13	4	4	13

	In Ship	20ths	Per Rule	20ths
Upper Deck Stringer Plates, br'dth & thickness	42 / 42	20 / 18	42 / 42	20 / 18
" Angle on ditto	5×5×18 Double		5×5×18 Double	
" ~~Tie Plates fore and aft, outside Hatchways~~		10		10
" Deck.* ~~Iron or~~ Steel, for Entire lng.			–	
" Wood Deck. Material & thickness				
Middle Deck Stringer Plate, br'dth & thickness	42 / 42	14 / 12	42 / 42	14 / 12
" Angles on ditto, No. 2	4×4×13		4×4×13	
" ~~Tie Plates outside Hatchways~~				
" Diagonal Tie Plates on Bms., No. of prs.		10		10
" Deck.* ~~Iron or~~ Steel, for Entire lng.			–	
" Wood Deck. Material & thickness 2				
Lower Deck Stringer Plate, br'dth & thickness	40 / 40	12 / 11	40 / 40	12 / 11
" Angles on ditto, No.	4×4×13		4×4×13	
" ~~Tie Plates, outside Hatchways~~			–	
" Deck.* Material and thickness	Steel	7		7
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	44½	8	44	8
" Angle on ditto	3½×3½	×8	3½×3½	8
" Tie Plates	27½	8	27½	8
" Deck. Material and thickness	Y.P. 3		3	
Bridge Deck Stringer Plate, br'dth & thickness	48	10	48	10
" Angle on ditto	3½×3½	×10	3½×3½	×10
" Tie Plates	–		✓	
" Deck. Material and thickness	Y.P. 3 & steel	7		7
* Forecastle Deck Stringer Plate, b'dth & th'kns	46	9	46	9
" Angle on ditto	3½×3½	×9	3½×3½	×9
" Tie Plates	27½	8	27½	8
" Deck. Material and thickness	Y.P. 3 & steel 1/3 lgth	6/16	3	

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

BULKHEADS.	Number. In Vessel.	Number. Per Rule.	Thickness. 20ths.	Stiffeners Horizontal Size. Inches.	Horizontal Spacing Inches.	Vertical Size. Inches.	Vertical Spacing Inches.	Single or Double Frames.	Height up.
W. T. BULKHEADS	10	6	8-7	9½×3×13/20 Bulb angles	48	7×3½×14/20	30	Double	9 to U.D. 1 to L.D.
PARTITION "	}								
LONGITUDINAL "									

Are the outside Plates doubled two spaces of Frames in length? No diamond plates

Are the Sluice Valves and Watertight Doors in efficient working order? yes

Form No. 1B. 9-96

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PLATING. / RIVETING.

STRAKES.	As in Ship Amidship Breadth (Inches)	As in Ship Amidship Thickness (20ths)	Forward Thickness	Aft Thickness	Per Rule or as Approved Amidship Breadth (Inches)	Per Rule Thickness (20ths)	Edges: Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Butts: Double or Treble and for what Length	Butts Rivets Diam. (Inches)	Butts Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (16ths or 20ths)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
Flat Plate Keel (If Bar Keel, state Riveting)	51	20	18	18	51	20	Double	7	1 1/8	5f	Treble	1 1/8	4	22 1/2	15	(Double S.)	
Garboard or A Strake	54	16	14	16	36	16	—"—	6 1/4	1	4 1/4 f	Entire	1	3 1/2	—	—	12	Entire
B		15	14	16		15	"	"	"	"	length	"	"	—	—	"	length
C		15	14	16		15	"	"	"	"	"	"	"	—	—	"	"
D		15	14	16		15	"	"	"	"	"	"	"	—	—	"	"
E		15	13	18		15	"	"	"	"	"	"	"	—	—	"	"
F		17	12	18		17	"	"	"	"	Quad 3/4	1 1/8	4	—	—	16 1/2	
G		18	12	18		18	"	"	"	"	—"—	"	"	—	—	"	"
H		18	12	18		18	"	"	"	"	—"—	1	3 1/2	—	—	"	"
J		16	12	15		16	"	"	"	"	Treble	"	"	—	—	12	"
K		16	12	15		16	"	"	"	"	Entire	"	"	—	—	"	"
L		16	12	15		16	"	"	"	"	length	"	"	—	—	"	"
M		16	12	15		16	"	"	"	"	"	"	"	—	—	"	"
N		16	12	15		16	"	"	"	"	Quad 3/4	1 1/8	4	—	—	16 1/2	
O		18	12	15		18	"	7	1 1/8	5f	—"—	"	"	—	—	"	"
P		19	12	12		19	"	"	"	"	"	"	"	34	19	—	—
Sheer Q	51	21	13	13	51	21											
R																	
Doubling of Flat Plate Keel																	
Length and thickness of Bilges	3/4 length	18				18											
of Sheerstrakes	3/5 —"—	18				18											
of Strake below						7	Single	2 1/2	3/4	3f	Double	3/4	2 5/8	—	—	6 1/2	"
Poop Sides				7		14-8	Double	6 1/4	1	4 1/4 f	Treble	1	3 1/2	—	—	12	"
Bridge Sides	15, 14, 12, 10					7	Single	2 1/2	3/4	3f	Double	3/4	2 5/8	—	—	6 1/2	"
Forecastle Sides			7														

Write 'Sheer Strake' opposite its corresponding letter. State actual thickness in way of Double Bottom.

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.? Siemens Martin Steel, Frames D. Colville & Sons, & Lanarkshire Steel Co.; Floors S. Durham Steel & Iron Co.; Beams D. Colville & Sons; Keelsons, Stringers, Tank top & Outside plating South Durham S. & I. Co.; Flat keel plates, Bulkheads and Decks, Dowlais Iron Co.; Tank frames, Glasgow Iron & Steel Co.
Has the Steel been tested as required by the Rules? yes.

Upper Deck Stringer Plate { **Butts**, ~~treble~~ Quadruple (inner strake) riveted for half length amidship. (outer strake) **Straps**, ~~single~~, double ~~or overlapped~~ for 3/4 length amidship.
Middle Deck Stringer Plate { **Butts**, treble riveted for Entire length ~~amidship~~. ~~**Straps**, single, double or~~ overlapped for Entire length ~~amidship~~.
Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? Treble
Inner Bottom Plating, riveting of **Edges** Double **Butts** Double
Centre Girder Butts, Treble riveted **Keelson Butts**, Treble riveted.
Frames, riveted through Plates with 1 in. Rivets, about 5 1/2 apart.
Rivets, state whether Iron or Steel Iron and Steel

FRAMES extend in one length from Margin plate to Gunwale
REVERSED FRAMES on ~~floors and~~ every channel frames extend from Margin plate to Lr. Dk beam knees; all to upper deck abaft after peak bulkhead, and alternate reverse bars to Forecastle deck.

MASTS, SPARS, &c.

No Square Sails	Material.	Total Length.	Diameter and Thickness: At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles: Number.	Size.	Riveting: Seams.	Butts.
Lower Masts..8.. Fore	Steel	115.0	28 × 9/20	26 × 9/20	16 × 7/20	8 × 4/20	3	3	3 1/2 × 3 1/2 × 7/16	Single	Quadruple
Topmasts in one Main	—"—	118.3	28 × 9/20	26 × 9/20	15 1/2 × 7/20	8 × 4/20	3	3	3 1/2 × 3 1/2 × 7/16	—"—	treble and
Mizen	—"—	113.6	24 × 7/20	21 × 9/20	13 1/2 × 7/20	7 × 4/20	3	3	3 1/2 × 3 × 9/16	—"—	Double
~~Bowsprit~~ Jigger	—"—	104.9	22 × 7/20	20 × 7/20	13 × 7/20	6 1/2 × 4/20	3	3	3 × 3 × 9/16	—"—	laps.

~~Topmasts, Yards and~~ Remainder of **Spars** of P. pine. {All masts doubled at partners and at heels.
Rigging, Material and Size, **Shrouds** Galv. S. wire, 4 1/2, 4 1/2, 4 and 3 3/4 respectively **Stays** All double 4 1/2, 4 1/2, 4 1/4 and 3 3/4 respt.
Sails. One complete Suit of jib headed Sails, and the following spare sail One Trysail.

EQUIPMENT No. 82747 LETTER Z+

ANCHORS.

Number of Certificate.	Anchors.	Weight, ex. Stock: Cwts.	qrs.	lbs.	Weight of Stock: Cwts.	qrs.	lbs.	Test, per Certificate: Tons.	cwts.	qrs.	lbs.	Weight required by Table 22: Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
43163	1st Bower	100	3	22	—			67	12	2	0	100	0	0	Hall's Stockless	Hingley & Sons	Netherton Jan. 31st 00
43164	2nd	100	2	16	—			67	12	2	0	100	0	0	Cast steel heads	—"— —"—	—"— —"— 31 —"—
43162	3rd	85	3	19	—			61	10	0	0	85	0	0	—"— —"—		—"— 31 —"—
	4th											—					H. Green superint.
	Collective weight	287	2	1								285	0	0			
43195	Stream	29	0	6	7	0	22	27	14	2	0	28	2	0	Trotman's I.S.	—"— —"—	—"— Feb. 12.00
43196	Kedge	14	3	8	4	0	25	16	7	3	4	15	0	0	—"—	—"— —"—	—"— 10 —"—

If Patent, state name of Patentee. If Stockless, state Mechanical Test.

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable: Supplied.	Per Table 22.	Fathoms and Size per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.
25949	165	2 3/4	181.0.0.0	635.2.8	1247	330 × 2 3/4	Stud link	Hingley & Sons	Neth. Jan. 31st 00
25951	165	—"—	129.6.0.0	636.1.11					—"— —"— 19 —"—
				1271.3.19					
~~Iron Stream Chain~~ or Steel Wire	120	6	85			120 × 6	S.W.	Warrington Wire rope works	

HAWSERS AND WARPS.

	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Table 22.
Towline		130	4	113	130 × 4
Hawser		90	13		90 × 13
Warp		90	12		90 × 12
		8 × 100	8		8 × 100 × 8

Boats Six life boats one pinnace and one gig. State whether they are in efficient working order yes
Pumps, Number Seven. Diameter of Barrel 5 ins.
Windlass is Wilson's Patent steam **Capstan** —
Engine Room Skylights.—How constructed? Of plates and angles on Engine casing above Bridge deck.
What arrangements for deadlights in bad weather? Solid top with bulls eyes.
Coal Bunker Openings.—How constructed? plates & angles How are lids secured? Bolts & nuts Height above deck? Flush, under Br.
Number of **Scuppers**, and numbers and dimensions of **Freeing Ports, &c.** 14 Scuppers, 4 Freeing ports 30 × 12 and 3 × 24 × 12 each side
Ceiling in Holds, thickness and material 2 1/2" P.P. outside margin p. **Ceiling 'tween Decks**, thickness and material 6" × 2" Spruce.
Cargo Hatchways.—How formed? Of Plates and angles **Hatches**, If strong and efficient? yes.
State size **No. 1 Hatch** (Forward) 15.3 × 13.0 **No. 2 Hatch** 15.3 × 13.0 **No. 3 Hatch** 14.9 × 13.0 **Nos. 4, 5, 6 and Hatches** 15.3 × 13.0
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch One deep web plate in No. 3, one large shifting beam in Nos. 1, 2, 4, 5, 6, 7 and 8; and 3 fore & afters in all **No. of Breasthooks** Seven **No. of Crutches** four & deep floors
Bulwarks, height above deck and description None, hand railing above ~~Main Rail, material and size~~ Shelter deck.

The above is a correct description. ~~Surveyor's~~ Signature James Turpin
Builder's Signature (here only) Harland & Wolff
Surveyor to Lloyd's Register of British and Foreign Shipping.

Form No. 1B.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with this case*) M — SAT. 8 SEP 1900
Dec. 2nd and 11th 1897. Jan. 22nd and March 10th 1898

Workmanship. Are the butts of plating planed or otherwise fitted? planed where butted, but mostly overlapped.
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? very 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. 23, par. 24)? yes. State results of tests Satisfactory.
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? — State results of tests —

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved tracing of midship section forwarded on the 6th instant, and with the accompanying approved tracing of Longitudinal section; she is a duplicate of the S.S. "Winifredian" Report No. 5024.
The Secretary's letters dated as above have been complied with, and the Rules in all other respects adhered to.
All pumps and watertight doors have been examined and tested and found efficient.
Light structures are fitted between Forecastle and Bridge, and between Bridge and Poop, making a complete shelter deck when at sea.
The rivets are spaced closer than required by the Rules in most parts of the vessel. The materials used in her construction, and the workmanship are very good.
A tracing of approved Mid. Section accompanies this report.
The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 72.5 ft., ~~R.Q.D. or Break~~ Shelter Dk 136.5 ft., Bridge Dk. 234 ft., F'castle 107 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) 3 Dks (Stl) & pt shelter dk, lower dk forehold (Stl)
Official No. ; Signal Letters
How are the surfaces preserved from oxidation? Inside Asphalte and paint Outside Paint.

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

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	149.95	470	Fore peak tank,	—	39
Double bottom, under Engines and Boilers,	71.16	304	After peak tank,		
Double bottom, if under Engines only,	}		~~Midship~~ deep tank, After end of Fore hold	43.2	1498
Double bottom, if under Boilers only,			Other tanks, if fitted, Fore end of After hold	48.29	1457
Double bottom, forward,	145.37	683	(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. 431
Date Aug. 19th 1898
No. 331 in builder's yard.
Dates of Surveys held while building: Jan. 9.16: Mar. 6.17.22.29: April 10.20.26: May 18.30: June 14.23: July 18.20.26: Aug. 1.3.7.11.16.22.24.28.31: Sep. 5.15.20.26: Oct. 6.14.20.30: Nov. 6.14.15.20.23.29: Dec. 12.19.1899. Jan. 4.26: Mar. 8.13.16.22.28: April 3.11.20.24.30: May 8.17.24.29: June 1.7.12.15.19.20.23.25.27.28. July 6; Aug. 3.9.13.16.28.30.31: Sept. 3.4.5.6. 1900.
Total No. of Visits 79

The amount of Entry Fee £ 5 : 0 : 0
Special Survey Fee £ 276 : 9 : 6
Travelling Expenses, if any £ : :
Fees applied for, Sep. 6th 1900
Received by me, 8.9.1900
Certificate to be sent to This office.

State whether the Vessel has been built under Special Survey yes
I am of opinion this Vessel should be Classed + 100 A1. 3 Dks (Stl) & pt. Shelter dk, lower deck fore hold (Stl)
With, or without Freeboard, as condition of Class without
James Turpin
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 11 SEP 1900
Character assigned + 100 A1 Steel
[illegible]
The Surveyors are requested not to write on or below the Committee's Minute.

12/9/00

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