

No. 2338 Survey held at Berkeley Date April 10th 1887  
on the Ship: Iron Clad Master Wm Purves  
Tonnage under tonnage deck 854 Built at Berkeley When built 1866 Launched March 1867  
Ditto of poop 137 By whom built Wm Purves Owners Wm Purves  
Total tonnage 991 Port belonging to Berkeley Destined Voyage Spring  
Surveyed while Building, Afloat, or in Dry Dock Under Special Survey

Length as per section 39	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.	Number of Decks
Length of Keel	203		34	6		21			Two
(Depth from limber-strakes to under side of lower deck beam 12 feet 6 in)									
<b>Scantlings of Timber.</b>									
TIMBER AND SPACE	33		33						
Floors	18	14	18	14	13	13			
1st Foothooks	12	14	12	14	12	12			
2nd Ditto	12	13	11	11	11	11			
3rd Ditto	11	12	10	10	10	10			
Top Timbers	11	10	10	10	10	10			
Deck Beams	9	9	9	9	9	9			
Deck Beams, length amidships	31	10							
Hold Beams	13	13	13	13	13	13			
Hold Beams, length amidships	31	10							
Keel	15	18	22	15	15	15			
Scarphs of Ditto	7								
Keelsons	18	19	16	16	16	16			
Scarphs of Ditto	30								
<b>Outside Plank.</b>									
Garboard Strakes	8								
Garboard to Bilge	4								
Bilge Planks	5								
Bilge to Wales	4	5							
Wales	5	3							
Topsides	4	5							
Sheer Strakes	4								
Plank Sheers	4								
Water-Ways	12								
Upper Deck	12								
Lower Deck	12								
Ditto, facing surface against Timbers	8								
Upper Deck	4								

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.									
Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.	Copper or Y.M. in Ship.
Heel-Knee, & Deadwood abaft	1	3/4	Transoms and throats of Hooks	1	1/2	Hold Beam	Waterway	1	3/4
Scarphs of Keel, No. 8	1	3/4	Arms of Hooks	1	3/4	Bolts in	Knees	1	3/4
Keelson Bolts through Keel at each Floor	1	1/4	Thro' Bilge & Limber Strakes	1	3/4	Shelf or Clamp	Waterway	1	3/4
Bolts thro' Heels of Timbers against Deadwood	1	1	Thickstuff over Double Floors	1	3/4	Deck Beam	Knees	1	3/4
			Butt End Bolts	1	3/4	Bolts in	Shelf or Clamp	1	3/4
			Short Bolts in Ceiling	1	3/4	Nails or Bolts in Flat of Deck			
			Pintles of the Rudder	1	3/4	Treenails	Inches	1	3/4

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 3 1/2 Inches. The Space between the Top-Timbers is 4 1/2 Inches.  
The Floors consist of Berkeley Oak. The First Foothooks of Berkeley Oak.  
The Second Foothooks of Berkeley Oak. The Third Foothooks and Top Timbers of Larch.  
The Shifts of the First and Second Foothooks are not less than 5 feet. N. B. When less than prescribed by the Rule, state how many.  
The rest of the Shifts of the Frame are the same.  
The Frame is well squared from First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is good.  
The all Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.  
The Butts of the Timbers are all close together; their thickness not less than 1/2 of the entire moulding at that place.  
The Frame is well chocked with a Butt at each end of the chock. The Main piece of Rudder is all of Windlass is good.  
The Keel is all of Berkeley Oak. The Main Keelson is Greenheart and is free from all defects.  
The Stem, and Stern Post of Berkeley Oak. The Transoms, Knight Heads, Halsee Timbers, and Aprons of Berkeley Oak. Deadwood, Berkeley Oak are all free from all defects.  
The Deck and Hold Beams all of Berkeley Oak. The Breasthooks of Iron. The Knees of Iron.

**Planking Outside.**—From the Keel to the Height defined in Note to Table A, the Plank is Berkeley Oak.  
From the above named Height to the Light Water Mark Berkeley Oak.  
From the Light Water Mark to the Wales Berkeley Oak.  
The Wales and Black-strakes are Berkeley Oak. The Topsides & Sheers Berkeley Oak.  
The Spirketting and Plank-sheers Berkeley Oak. The Water-ways { Upper Deck Berkeley Oak, Lower Deck Berkeley Oak.  
The Decks Yellow pine State of Material good.

The Shifts of the Planking are not less than Six Feet Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought three between, and without step-butting.  
**Planking Inside.**—The Limber-strakes and Bilge-strakes are Berkeley Oak.  
The Ceiling, Lower Hold, and between Decks Berkeley Oak. Shelf Pieces and Clamps Berkeley Oak.  
**Fastenings.**—To Hold Beams are Iron staple securing three to each beam of 15 pair of Iron nails through bottom of clamps.

Deck Beams secured with Iron staple securing nails to each beam of 15 pair of Iron nails through bottom of clamps.  
Number of Breasthooks Four. Pointers none required. Crutches Three.  
Butt End Bolts are all in the Bottom two Bolts in each Butt End one through and clenched.  
Bilge and Limber Strakes all bolted through and clenched. Treenails all made burned.  
Thickstuff over Double Floors all bolted through and clenched. General Quality of Workmanship good.

We certify that the above is a correct description of the several particulars therein given.  
Builder's Signature Wm Purves Surveyor's Signature Wm Purves  
ABNS 0216



Her Masts, Yards, &c. are in Good condition, and sufficient in size and length.

Her Standing and Running Rigging all new sufficient in size and good in quality.

She has One Long Boat and 3 others

The present state of the Windlass is Good Capstan Good Rudder Good Pumps 2 Good

No. 105 Date Feb 12 1862

held while building,

as per Section 35.

1st. When the Frame is completed

2nd. When the Beams are put in, &c.

3rd. { When completed, and before the  
plank be painted or payed

General Remarks This vessel is well built of good & sound material for the seven years grade, under a permanent water tight roof, in accordance with rule Sect 52, for an additional period of one year, and laid fast with She is fastened with Greenbacks, yellow metal bolts and clamps, to the exclusion of iron in accordance with rule Sect 46, for a further period of another year. The garboard strakes are longitudinally bolted through the shell & each other Clinched 32 pair of diagonal plates fitted & bolted inside the frame timbers, 5 in by 4 in, placed eight feet apart in accordance with rule Sect 39, a pair of sister strakes of greenheart over the joints of the short floor beams, 13 1/2 square through bolted & clinched in accordance with rule Sect 39. The keel & thick strakes over the short floor beam chocks are through bolted & clinched in accordance with the same rule & Sect. She has a full poop & forecabin built in accordance with rule Sect. 37, 38 & 41. The Crew being inspected summary times during the progress Hall proved satisfactory. Anchors & Chains tested at Dept. of the public Chain & Anchor proving House, San Francisco. Newcastle upon Tyne Certificates Signed Robt. Murrell, Lieut. dated July 11th, 1874. Masters, Hawks, Crawshaw, & Sons,

Present condition of Caulking of Bottom, Good Deck, Good and Waterways

If Sheathed, Doubled, Felted, or Coppered Yes When last done 1857

I am of opinion this Vessel should be Classed G. A. 1.

The Amount of the Fee.....£ 5: -: is received by me,

Special ..... £49: 11: 4

Certificate ... £ — : — :

Committee's Minute 23<sup>rd</sup> April 18 84

*Character assigned*

Committee's Minute / 30<sup>th</sup> December 1878

Mullig.  
 Service while being paid  
 for 12 months 24/6 - 8  
 April 21 + June 16/14  
 July 15 + Sept 7/14  
 Oct 29 + Nov 29/14  
 Jan 3 + April 17/15 - 11  
 Service - 42