

No. 6094 Survey held at Sunderland Date 6th April 1857  
on the Ship "Maiden Castle" Master Wm. Pile  
Tonnage Old 1233 Built at Sunderland When built 1857 Launched 12th March  
By whom built Mr Wm Pile Owners Re. Green  
Port belonging to London Destined Voyage London  
If Surveyed while Building, Afloat, or in Dry Dock in Building

Length aloft	Feet. 195	Inches. 6	Extreme Breadth Outside	Feet. 36	Inches. 3	Depth of Hold	Feet. 22	Inches. 6
Scantlings of Timber.			Thickness of Plank.					
TIMBER AND SPACE			Outside.			Inside.		
Floors	14 1/2	14 1/2	Garboard Strakes	12 1/2	4 1/2	Limber Strakes	11 1/2	5 1/2
1st Foothooks	13 1/2	13 1/2	Garboard to Bilge	4 1/2	4 1/2	Bilge Planks	6	5 1/2
2nd Ditto	12 1/2	12 1/2	Bilge Planks	5 1/2	4 1/2	Ceiling in Flat	3 3/4	3 3/4
3rd Ditto	11 1/2	11 1/2	Bilge to Wales	4 1/2	4 1/2	Ditto Bilge to Clamp	3 1/2	3 1/2
Top Timbers	11	10 1/2	Wales	6	6	Hold Beam Clamps	5	4 1/2
Deck } No. 33	Average Space } 4-0	10 1/2	Topsides	4 3/4	4 1/2	Deck Beam Ditto	4	4 1/2
Beams		10 1/2	Sheer Strakes	4 3/4	4 1/2	Ceiling 'twixt Decks	4	2 3/4
Deck Beams, length amidships	Thirty three feet from each end		Plank Sheers	4 1/2	4	Hold Beam Shelves	11 1/2	13 1/2 x 11 1/2
Hold } No. 30	Average Space } 4-0	14 1/2	Water-Upper Deck	12	4 1/2	Deck Beam Ditto		
Beams		14 1/2	Ways Lower Deck	14 1/2	13 1/2 x 11 1/2			
Hold Beams, length amidships	Thirty three feet from each end		Upper Deck	4	4			
Keel	16	16						
Scarp of Ditto	6 1/2	6 1/2						
Keelsons	10	10						
Scarp of Ditto	4 1/2	4 1/2						

Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.

Heel-Knee, and Deadwood abaft	Copper 1 1/2	Inches required per Rule 1 1/2	Transoms and throats of Hooks	Copper 1 1/2	Inches required per Rule 1 1/2	Hold Beam Bolts in	Waterway	Copper 1 1/2	Inches required per Rule 1 1/2
Scarp of Keel	1 1/2	1 1/2	Arms of Hooks	1 1/2	1 1/2	Knees	1 1/2	1 1/2	1 1/2
Keelson Bolts through Keel at each Floor	1 1/2	1 1/2	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	1 1/2	1 1/2	Shelf or Clamp	1 1/2	1 1/2	1 1/2
Bolts through Heels of Timbers against Deadwood	1 1/2	1 1/2	Butt End Bolts	1 1/2	1 1/2	Deck Beam Bolts in	Waterway	1 1/2	1 1/2
			Pintles of the Rudder	1 1/2	1 1/2	Knees	1 1/2	1 1/2	1 1/2
						Shelf or Clamp	1	1	1
						Nails or Bolts in Flat of Deck	4	Calculated	4
						Treenails	1 1/2	1 1/2	1 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 14 1/2 Inches. The Space between the Top-Timbers is 3 1/2 Inches.

The Floors consist of English Oak The First Foothooks of English Oak Timber.

The Second Foothooks of English Oak The Third Foothooks and Top Timbers of English Oak

The Shifts of the First and Second Foothooks are not less than 1 1/2 N.B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are sufficient

The Frame is well squared from the First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is well squared

The alternate 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 1/3 of the entire moulding at that place.

The Frame is cross choked with a Butt at each end of the chock. The Main piece of Rudder is English Oak

The Main Keelson is English Oak and free from all defects. The Main piece of Windlass is English Oak

The Stern, and Stern Post, consist of African Oak The Transoms, Aprons, Knight Heads, and

Hawse Timbers of English Oak Deadwood, of English Oak and are app free from all defects.

The Deck and Hold Beams consist of English Oak The Breasthooks of English Oak The Knees of English Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is American Elm or to the First Foothook Heads

From the above named Height to the Light Water Mark English Oak

From the Light Water Mark to the Wales English Oak at the Ends, and a few planks Greenheart

The Wales and Black-strakes are English Oak The Topsides English Oak

The Sheer-strakes and Plank-sheers English Oak The Water-ways { Upper Deck English Oak

The Decks English Oak State of Good Lower Deck English Oak

The Shifts of the Planking are not less than 5 1/2 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-buttling.

Planking Inside.—The Limber-strakes and Bilge-strakes are English Oak

The Ceiling, Lower Hold, and between Decks English Oak Shelf Pieces and Clamps English Oak

Fastenings.—To Hold Beams Drivelled and Bolted through Shelf and Waterway, in steps and knees in the hold, seven pairs of iron staple strakes and knees above, seven pairs of iron staple strakes and knees below, fifteen pairs of them being knees and strakes, app

Deck Beams Drivelled and Bolted through and to Waterway and Shelf, iron staple knees all above and app, and an iron hanging knee to each beam end

Number of Breasthooks Five Pointers And Crutches None

Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak How Made Circular

Thickstuff over Double Floors bolted through and clenched General Quality of Workmanship Superior

We certify that the above is a correct description of the several particulars therein given

Builder's Signature Wm Pile Surveyor's Signature Thomas Lawrence

Lloyd's Register



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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N <sup>o</sup> .		Fathoms.	Inches.	N <sup>o</sup> .	Weight.
2	Fore Sails,	Chain .....	300 1 7/8	Bower, .....	3 420-7
2	Fore Top Sails,	Hempen Stream Cable .....	00 9		41-1-7
2	Fore Topmast Stay Sails,	Hawser .....	40 1 5/8	Stream, .....	1 37-0-7
2	Main Sails,	Towlines .....	00 7		7-0-14
2	Main Top Sails,	Warp .....	00 6	Kedge, .....	1 3-0-14
and	others as usual	All of	Good quality.		

Her Standing and Running Rigging are sufficient in size and good in quality.

She has 1 Long Boat and Hayes & there 1

The present state of the Windlass is sound Capstan sound Rudder sound Pumps efficient

General Remarks and Statement and Date of Repairs, if any.

<b>DATES of Surveys</b> held while building, as per Section 35.	1st.	When the Frame is completed	11 <sup>th</sup> Oct 1856
	2nd.	When the Beams are put in, &c.	25 <sup>th</sup> Nov 1856
	3rd.	When completed, and before the plank be painted or payed	5 <sup>th</sup> March 1857

The Rules Sec<sup>d</sup> 246, allowing Ships an additional period of One Year, for substituting Yellow Metal Bolts in lieu of iron, are fully complied with in this vessel -

Wm Pile Jr

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

If Sheathed, Doubled, Felted, or Coppered \_\_\_\_\_ When last done \_\_\_\_\_

I am of opinion this Vessel should be Classed 3. B.

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

Certificate . . . . £ " : " : "

Committee's Minute 17<sup>th</sup> April 1857

Character assigned 21 Nov 13 Eard

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