

No. 31 Survey held at Caues Date July 4 1836  
 on the Smack Emma Master John Sean  
 Tonnage 33 Built at Caues When built 1836  
 By whom built Joseph White Owners Richard Williams & John Sean  
 Port belonging to Exeter Falmouth Destined Voyage Falmouth  
 If Surveyed Afloat or in Dry Dock on the Stocks

31.  
 JA

Length aloft..... Feet. Inches. Extreme Breadth ..... Feet. Inches. Depth of Hold ..... Feet. Inches.

**Scantlings of Timber.**

	Inches	Inches Middle	Inches Ends
Timber and Space..... each			
Floors..... sided		Moulded	
1st Foothooks..... "		"	
2nd Ditto..... "		"	
3rd Ditto..... "		"	
Top Timbers..... "		"	
Deck Beams..... "		"	
Hold Beams..... "		"	
Keel..... "		"	
Kelsons..... "		"	

**Thickness of Plank.**

Outside.	Inches	Inside.	Inches
Keel to Bilge .....	2 1/4	Foot Waling.....	
Bilge Planks.....	5	Bilge Planks.....	3
Bilge to Wales.....	5	Ceiling in Flat.....	2 1/2
Wales.....	3 3/4	Ditto Bilge to Clamp.....	1 1/2
Topsides.....	2 1/4	Hold Beam Clamps.....	4
Sheer Strakes.....	1	Deck Beam Ditto.....	3
Plank Sheers.....	2	Ceiling 'twixt Decks.....	1 1/2
Water-ways.....	3	Hold Beam Shelves.....	1
Upper Deck.....	2 1/4	Deck Beam ditto.....	4 x 9

**Size of Bolts in Fastenings.**

Copper.	Inches	Copper.	Inches	Iron.	Inches
Heel-Knee, and Dead Wood abaft.....	7/8	Bolts thro' the Bilge and Foot Waling.....	1/2	Hold Beam.....	
Scarphs of Keel..... N°	7/8	Butt End Bolts.....	1/2	Deck Beam.....	7/8
Floor Timber Bolts.....	3/4	Lower Pintle of the Rudder.....	1 1/8		
Kelson ditto.....	3/4				
Transoms and throats of Hooks.....	3/4				
Arms of Hooks.....	5/8				
				same in Iron above the Copper.....	

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 4 Inches. The Space between the Top-timbers is 5 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of English Oak and are free from all defects.

Her Floors and first Foothooks are composed of English Oak Timber.

Her other Foothooks and Top Timbers of English Oak

Her Shifts of the first and second Foothooks are not less than 1 1/2 N.B. When reported by you less than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are 4 1/2

The Frame is Oak squared from the first Foothook Heads upwards, and good free from sap, and from thence downwards, the frame is English Oak

The alternate Frames are bolts together. Frames altogether Bolted &

The Butts of the Timbers are quite close together; their thickness whole of the entire moulding at that place.

The Frame is Oak chocked with Oak Butt at each end of the chock.

The Main Kelson is composed of Oak English and the False Kelson of None

The Scarphs of the Kelsons are not less than 5 feet inches.

The Deck and Hold Beams are composed of Oak English

**Planking Outside.**—This Vessel's Plank from the Keel to the first Foothook Head is composed of Elm

From the first Foothook Heads to the Light Water Mark of Oak English

From the Light Water Mark to the Wales of Oak

The Wales and Black-strakes are of Oak

The Topsides of Oak

The Sheer-strakes of Oak

The Gunwales of 50 English Water-ways of Oak English

The Shifts of the Planking are not less than 5 Feet Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship.

The Planking is wrought between

**Planking Inside.**—The Clamps are composed of Oak English the Stringers of Oak English

The Bilge Planks of Oak and the remainder of the Ceiling of Oak ditto

**Fastenings.**—To Hold Beams None

Deck Beams 2 Iron Pieces to each Beam

Number of Breasthooks 3 Pointers \_\_\_\_\_ Crutches \_\_\_\_\_

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

Bilge and Footwaling Copper bolted through and clenched. Yes

General Quality of Workmanship Good as any in England

We certify that the preceding is a correct description of the above-named Vessel.

Builder's Name Joseph White

Surveyor's Name Geo. Spain



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

She has SAILS.

CABLES, &c.

ANCHORS.

N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .	
1	Fore Sails,	130	Chain .....	13/16	2	Bower,
	Fore Top Sails,	70	Hempen Stream Cable.....	5	1	Stream,
	Fore Topmast Stay Sails,	60	Hawser .....	3 1/4	1	Kedge,
1	Main Sails	70	Towlines .....	3		All of proper weight. <u>Yes</u>
1	<del>Main</del> <sup>Gall</sup> Top Sails	80	Warp .....	2 1/4		
	All of _____ quality.					

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

She has one Long Boat and \_\_\_\_\_

The present state of the Windlass is good <sup>Capstan</sup> Wench good and Rudder good

**General Remarks—Statement and Date of Repairs.**

If Sheathed, Doubled, or Felted, \_\_\_\_\_

and Date when last done \_\_\_\_\_

And I am of opinion this Vessel should be Classed A

The Amount of the Fee.....£ 1 : 1 : - is received by me,

Geo. Spain

Committee Minute 2 Sept 1836

Character assigned A 1 for 11 Years

[Signatures]



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