

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

31.

[Handwritten signature]

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

Scantlings of Timber.

Thickness of Plank.

	Inches	Inches Middle	Inches Ends	Outside.		Inside.	
				Inches		Inches	
Timber and Space..... each				Keel to Bilge	2 1/4	Foot Waling.....	
Floors..... sided	Moulded			Bilge Planks.....	5	Bilge Planks.....	3
1st Foothooks..... "	"			Bilge to Wales.....	5	Ceiling in Flat.....	2 1/2
2nd Ditto..... "	"			Wales.....	3 1/2	Ditto Bilge to Clamp.....	1 1/2
3rd Ditto..... "	"			Topsides.....	2 1/4	Hold Beam Clamps.....	4
Top Timbers..... "	"			Sheer Strakes.....	1	Deck Beam Ditto.....	3
Deck Beams..... "	"			Plank Sheers.....	2	Ceiling 'twixt Decks.....	1 1/2
Hold Beams..... "	"			Water-ways.....	3	Hold Beam Shelves.....	1
Keel..... "	"			Upper Deck.....	2 1/4	Deck Beam ditto.....	4 x 9
Kelsons..... "	"						

Size of Bolts in Fastenings.

Copper.		Copper.		Iron.	
Inches		Inches		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 1/2		
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 2 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 bolted together. Frames altogether Bolted &

The Butts of the Timbers are quite close together; their thickness not less than 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 Oak 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.

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

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

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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CWS94-0034

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

She has SAILS.

CABLES, &c.

ANCHORS.

N ^o .		Fathoms.		Inches.	N ^o .	
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	Main Top Sails	80	Warp	2 1/4		
	All of _____ quality.					

and as sufficient to number
of fibres & all sails new

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 Capstan 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 183 6

Character assigned A 1 for 11 Years

GHD

SP



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