

No. 8621 Survey held at Liverpool Date Rec 21/1/48
on the Ship Empress Master Warden 1848
Tonnage 332 90 Built at Liverpool When built Launched 1847 in Nov
By whom built Peter Chalmers & Sons Owners Cotesworth Ho
Port belonging to Liverpool Destined Voyage Brazil
If Surveyed Afloat or in Dry Dock While building and Afloat

Length aloft	Feet. Inches.	Extreme Breadth	Feet. Inches.	Depth of Hold	Feet. Inches.
	115 8		25 8		16 10
Scantlings of Timber.			Thickness of Plank.		
Room and Space	Inches.	Inches. Middle	Inches. Ends	Outside.	Inside.
Floors.....sided	12 3	Moulded	13	Keel to Bilge	Limber Strakes
1 st Foothooks.....	11-10	"	10	Bilge Planks	Bilge Planks
2 nd Ditto.....	9 1/2	"	9 1/2	Bilge to Wales	Ceiling in Flat
3 rd Ditto.....	8 1/2	"	7 3/4	Wales	Ditto Bilge to Clamp
Top Timbers	8	"	6	Topsides	Hold Beam Clamps
Deck Beams N ^o 17	Average Space } 4 feet 3	"	9	Sheer Strakes	Deck Beam Ditto
Deck Beams N ^o 16	Average Space } 5 feet 9	"	12	Plank Sheers	Ceiling 'twixt Decks
		"	12	Water-Ways	Hold Beam Shelves
		"	14	Upper Deck	Deck Beam Ditto

Size of Bolts in Fastenings, distinguishing whether		Copper or Iron.		Iron.	
and Dead Wood abaft	Inches.				
Keel.....N ^o 5	7/8	Bolts thro' the Bilge and Limber Strakes	3/4	Hold Beam	1 1/2
Bolts	1 1/2	Butt End Bolts	5/8	Deck Beam	1 1/2
throats of Hooks	1 1/2	Lower Pintle of the Rudder	3 1/4		
Hooks	1 1/2				

The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2-3 Inches. The Space between Top-timbers is 3 to 6 Inches. The Stem, Stern Post, are composed of English & African Oak the Transoms, Aprons, Light Heads, Hawse Timbers, of English Oak and are free from all defects.

Stems and first Foothooks are composed of English Oak Timber.

Second Foothooks and Top Timbers of English Oak

Heads of the first and second Foothooks are not less than 4 feet 0 in N. B. When less than prescribed by the Rule, state how many.

Shifts of the Frame are the same

Frame is well squared from the first Foothook Heads upwards, and is free from sap, and from thence downwards, the

Frame is the same

Frame are all bolted together. N. B. If not, state how bolted.

Heads of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place.

Frame is well chocked with a Butt at each end of the chock.

Main Kelson is composed of English & African Oak and the False Kelson of

Heads of the Kelsons are not less than 7 feet 0 inches.

Deck and Hold Beams are composed of English & African Oak & Mahogany

g Outside.—From the Keel to the first Foothook Heads the Plank is composed of Mahogany & Black Stain

the first Foothook Heads to the Light Water Mark of East India Teak & Mahogany

the Light Water Mark to the Wales of East India Teak, English Oak & Mahogany

Wales and Black-strakes are of East India Teak & African Oak The Topsides of East India Teak & Mahogany

Sheer-strakes and Plank-sheers of East India Teak The Water-ways of East India Teak & Mahogany

Decks of Yellow Pine State of Good

The Shifts of the Planking are not less than 5-6 Feet 0 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 3 between

Planking Inside.—The Limber-strakes are composed of English Oak the Bilge Planks of English & African Oak

The Ceiling, Lower Hold, of East India Teak, English Oak Between Decks of Mahogany

Shelf Pieces of Mahogany Clamps of Mahogany

Fastenings.—To Hold Beams Iron staple bolting pieces Self and staple standards

Deck Beams Iron staple bolting pieces of iron hanging pieces

Number of Breasthooks 5 Pointers 1 pair Crutches one

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

Bilge and Limber Strakes are bolted through and clenched. Treenails of Locust & English Oak

General Quality of Workmanship Good

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

Builder's Signature _____ Surveyor's Signature _____

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .		Fathoms.		Inches.	N ^o .		
1	Fore Sails,	210	Chain	13/8	3	Bower, 18-1-6 17-0-15 16-0-23	
2	Fore Top Sails,	90	Hempen Stream Cable	7 1/2	1	Stream,	
2	Fore Topmast Stay Sails,	90	Hawser	5	1	Kedge,	
1	Main Sails,	120	Towlines	4			
2	Main Top Sails,		Warp				
and	well found in other Sails		All of Good quality.				

She has one Long Boat and two others

The present state of the Windlass is Good Capstan Good and Rudder Good

This is a grand ship, and is very efficiently fitted out

Character assigned