

1840
No. 2 Survey held at Searboro' Date 8th May 1840
on the Ship Sumatra Master Cranston Duncan
Tonnage 353 Built at Searboro' When built 1840
By whom built M^r Geo^l W^d Lindall Owners M^r Geo^l W^d Lindall
Port belonging to Searboro' Destined Voyage Searboro' to London
If Surveyed Afloat or in Dry Dock (while Building)

Length aloft	Feet. 104	Inches. 2 1/2	Extreme Breadth	Feet. 23	Inches. 7 1/4	Depth of Hold	Feet. 11	Inches.
Scantlings of Timber.			Thickness of Plank.					
Timber and Space..... each	13 1/4		Outside.		Inches.	Inside.		Inches.
Floors..... sided	12 1/2	Moulded	Keel to Bilge	3	Foot Waling	4		
1 st Foothooks..... "	10 1/2	"	Bilge Planks	4	Bilge Planks	4 1/2	3	
2 nd Ditto..... "	9	"	Bilge to Wales	3 1/2	Ceiling in Flat	2 1/2		
3 rd Ditto..... "	8	"	Wales	4	Ditto Bilge to Clamp	3 1/2	2 1/2	
Top Timbers..... "	8	"	Topsides	3	Hold Beam Clamps	3		
Deck BeamsN ^o . of 27	9	"	Sheer Strakes	3	Deck Beam Ditto.....	3		
Hold BeamsN ^o . of 17	11	"	Plank Sheers.....	3	Ceiling 'twixt Decks	3		
Keel..... "	12	"	Water-Ways	4	Hold Beam Shelves	4		
Kelsons..... "	12	"	Upper Deck	3 1/4	Deck Beam Ditto.....	4		
<i>False Kelson</i>								
Copper.			Size of Bolts in Fastenings.					
Heel-Knee, and Dead Wood abaft	1 1/8		Copper.		Inches.	Iron.		Inches.
Scarpns of Keel.....N ^o .	3/4		Bolts thro' the Bilge and Foot Waling.....	3/4	Hold Beam	Copper	1 1/4	
Floor Timber Bolts.....	7/8		Butt End Bolts	3/4	Deck Beam	Iron	1 1/2	
Kelson ditto.....	1 1/8		Lower Pintle of the Rudder	3	same in Iron above the Copper.....			
Transoms and throats of Hooks	1	}						
Arms of Hooks	7/8							

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 1/2 Inches. The Space between the Top-timbers is 5 1/2 Inches. The Stem, Stern Post, are composed of African & English the Transoms, Aprons, Knight Heads, Hawse Timbers, of African & English and are free from all defects.

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

The other Foothooks and Top Timbers of do

The Shifts of the first and second Foothooks are not less than 4 feet 3 in N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are five feet & upwards

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

The alternate Frames are all bolted together. N. B. If not, state how bolted.

The Butts of the Timbers are all close together; their thickness not less than 7/32 of the entire moulding at that place.

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

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

The Scarphs of the Kelsons are not less than 3 feet three inches.

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

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of English & African Elm

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

From the Light Water Mark to the Wales of English & African

The Wales and Black-strakes are of do do The Topsides of African & English

The Sheer-strakes and Plank-sheers of do do The Water-ways of do

The Decks of Yellow Pine State of

The Shifts of the Planking are not less than five Feet 10 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 with three & four between

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

The Ceiling, Lower Hold, of English & African Oak Between Decks of English & African

Shelf Pieces of do Clamps of do

Fastenings.—To Hold Beams Half above & below in midships damped into the Beams with iron

Deck Beams Half underneath damped into the Beam ends & waterways with iron plates on the sides

Number of Breasthooks Six Pointers None Crutches one each under the Rafter

Butts End Bolts are of 7/8 1/4 in Copper in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Footwaling 36 bolts bolted through and clenched.

General Quality of Workmanship is very good

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

Builder's Name

Surveyor's Name

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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.	
N ^o .		Fathoms.		Inches.	N ^o .	
2	Fore Sails,	90	Chain	1 1/2	4	Bower, 14" 2.0 each
2	Fore Top Sails,	30	Hempen Stream Cable	1 1/2	*	Stream,
2	Fore Topmast Stay Sails,	60	Hawser	1 1/2	3	Kedge, 14" 2.0 - 2.2.0 - 1.2.0
1	Main Sail,	90	Towlines	8 1/2		
2	Main Top Sails,	90	Warp	5 1/2		
and			All of <u>good</u> quality.	4 1/2		

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

She has one new Long Boat and one ship 11 Jolly Boat new

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

General Remarks—Statement and Date of Repairs.

The Timbers are pretty well squared & mostly free from sap & of good quality—she is completely checked according to the rules—The top timbers extend from the first foothook head to the Plank Shears & are scarphed on the 2nd foothook head & ceiled & strapped & the upper Planks under the deck beams are doweled on the edges so as to prevent their separation, she is well fitted & fastened in all respects with an Iron Arch plate 4 by 1 in on both sides in midships extending 36 feet forward & aft, & has 26 Iron hanging knees under the main deck beams—she is sheathed with Muntz's Copper Metal up to the Wales fore & aft on thick brown paper

May 28. 1840. In my opinion the construction of this ship at aft surpasses the necessity for a cutch abaft. The work as it is called—is a Rising Transom below the Raft Port and is a substitute for Portico which cannot be introduced with advantage where the Raft Port is so high as in this instance. Geo Bayley

If Sheathed, Doubled, Felted, or Coppered Muntz's Copper Metal When last done new

I am of opinion this Vessel should be Classed 11 years

The Amount of the Fee.....£ 4: 4: is received by me,

Special£ : :

Committee's Minute

Character assigned A 1 for 11 years

Geo Bayley Surveyor
25 May 1840
Lloyd's Register

I concur in the recommendation of the Surveyor at the
Geo Bayley

