

No. 434 Survey held at Newport Monmouth Date June 29th Rec'd 27/7/46
 on the Barque "Tamar" Master Joseph Hall 1846
 Tonnage 448 tons Built at Newport Mon When built in the year 1845 & 1846
 By whom built Messrs Young & Cook Owners John Weller
 Port belonging to London Destined Voyage to Hong Kong
 If Surveyed Afloat or in Dry Dock On the slip during the progress of Building

Length aloft	New Meas. ft. inches.	Feet. inches.	Inches.	Extreme Breadth	New Meas. ft. inches.	Feet. inches.	Thickness of Plank.	Depth of Hold	New Meas. ft. inches.	Feet. inches.
Timber and Space	8 ft. 11 in. 2 ft. 4 in.	114	10	13 (ca)	26	2 ft. 10 in.	Keel to Bilge	20	3 ft. 10 in.	4
Floors	12 ft. 12 in. 1 ft. 13 in. Middled	13	10	Moulded	29	2 ft. 10 in.	Bilge Planks	20	3 ft. 10 in.	4
1 st Foothooks	11 ft. 10 in. 1 ft. 10 in. Middle	10	2	"	5	5 in.	5 Strakes	4	Two Strakes	4
2 nd Ditto	11 ft. 9 in. 1 ft. 9 in. "	9	2	"	5	5 in.	Bilge Planks	5	Two Strakes	4
3 rd Ditto	9 ft. 10 in. 1 ft. 10 in. "	8	2	"	5	5 in.	Ceiling in Flat	3	Two Strakes	3
Top Timbers	9 ft. 10 in. 1 ft. 10 in. "	8	2	"	5	5 in.	Wales	5	Ditto Bilge to Clamp	3
Deck Beams No. 22	Average Space	4 ft. 6 in. by 9 ft. to 10	"	"	5	5 in.	Topsides	4 Strakes	4 ft. 6 in. by 9 ft. to 10	4
Hold Beams No. 19	Average Space	4 ft. 6 in. by 9 ft. to 10	"	"	5	5 in.	Sheer Strakes	2 Strakes	4 ft. 6 in. by 9 ft. to 10	4
Keel	Keel	12	2	"	5	5 in.	Plank Sheers	4	Ceiling 'twixt Decks	2
Kelsons	False Kelson	14	2	"	5	5 in.	Water-Ways	8 Strakes	Hold Beam Shelves	5 ft. 12 in.
		14	2	"	5	5 in.	Upper Deck	3 ft. 9 in.	Deck Beam Ditto	4 ft. 6 in. by 9 ft. to 10

Scantlings of Timber.

	inches.	inches.	inches.	inches.
Timber and Space	13 (ca)	13	10	Keel to Bilge
Floors	13	13	10	Bilge Planks
1 st Foothooks	10	10	9	Bilge to Wales
2 nd Ditto	9	9	8	Wales
3 rd Ditto	8	8	5	Topsides
Top Timbers	8	7	5	Sheer Strakes
Deck Beams No. 22	4 ft. 6 in. by 9 ft. to 10	10	7	Plank Sheers
Hold Beams No. 19	4 ft. 6 in. by 9 ft. to 10	12	8	Water-Ways
Keel	12	12	15	Upper Deck
Kelsons	14	14	5	
False Kelson	14	14	5	

Size of Bolts in Fastenings, distinguishing whether

Copper or Iron.	inches.
Heel-Knee, and Dead Wood abaft	1/4
Scarps of Keel	Copper N° (8) 1 in 7/8
Floor Timber Bolts	Yellow Metal 1/8
Kelson ditto	Yellow Metal 1/8
Transoms and throats of Hooks	Copper 1/8
Arms of Hooks	Copper 1 in

Copper or Iron.

Copper or Iron.	inches.
Bolts thro' the Bilge and Foot Waling	1/16
Butt End Bolts	1/4
Lower Pintle of the Rudder	3/4

Iron.

Iron.	inches.
Hold Beam	Throats 1 ft. Arms 1 ft.
Deck Beam	Throats 1 ft. Arms 1 ft.
	4 Bolts in the Throat of each
	Kne 1 ft. Two in the Beam, &
	one side, one 1/2 in. -
	4 Bolts in the Throats 1 in. per
	1/8

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is Two Inches.

The Space between the Top-timbers is 5 Inches.

The Stern, Stern Post, are composed of

English Oak

the Transoms, Aprons,

Knight Heads, Hawse Timbers, of

English Oak

and are all free from all defects.

The Floors and first Foothooks are composed of

English Oak

Timber.

The other Foothooks and Top Timbers of

English Oak

The Shifts of the first and second Foothooks are not less than 4 ft 2 inches, N.B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are from 4 ft 3 inches to 5 ft 6 inches forward and aft.

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

frame is also well squared and free from sap -

The alternate Frames are bolted together. from stem to stern frame

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 cop chocked with a Butt at each end of the chock. Scarphed or Square Heads & Holes Dowelled

The Main Kelson is composed of English Oak and the False Kelson of Mahogany

The Scarps of the Kelsons are not less than 8 feet inches. Midships Forward & Aft 7 feet

The Deck and Hold Beams are composed of English Oak, Teak, and Morung Sane

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

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

From the Light Water Mark to the Wales of English Oak, Teak, and Morung Sane

The Wales and Black-strokes are of Teak & English Oak The Topsides of English Oak & Teak

The Sheer-strokes and Plank-sheers of English Oak & Teak The Water-ways of Teak & English Oak

The Decks of Yellow Pine State of Copper fastened.

The Shifts of the Planking are not less than 5 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 3 Strakes between

Planking Inside.—The Limber-strokes are composed of English Oak & Mahogany the Bilge Planks of English Oak & Teak

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

Shelf Pieces or Stringers English Oak Clamps of English Oak and Teak

Fastenings.—To Hold Beams Box Staples knees, with Zinc Bonning knees on each

side, Four of them with Midship, running down to take two bolts in the floors

Deck Beams English Oak Lodging & Locking knees, with Seven Staples Standards

and Four Box Bonning knees on each side, well fastened -

Number of Breasthooks 7 English Oak Pointers 2 pair English Oak Crutches Two Bon

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

Bilge and Footwaling Copper bolted through and clenched.

General Quality of Workmanship of the very best quality

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

Builder's Signature *Young & Cooks*

Surveyor's Signature

Henry Mayne
© 2021
Foundation
NFT877-0229

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N°.	Fathoms.	Inches.	N°.	Feet	inches.
2	Fore Sails,	240	Chain	120	25-1-14
2	Fore Top Sails,	70	Gton	120	24-2-6
2	Fore Topmast Stay Sails,	75	Hempen Stream Cable	176	one 20-0-7
1	Main Sails,	80	Hawser	78	Stream, one 3-7
2	Main Top Sails,	75	Towlines	62	Kedge, one 2-2-10 one 1-3-5
	and 4 Jibes, and all other necessary sails	All of good quality.	42		all with Iron Stockas

Her Standing and Running Rigging — all new sufficient in size and the best in quality.

She has One Long Boat and One Pinnace, and One Jolly Boat.

The present state of the Windlass is good Capstan good and Rudder good fitted with sufficient Fitted with Patent Purchase
Patty & Braces,

General Remarks—Statement and Date of Repairs.

The whole of the deadwood forward Oak off Oak with the exception of one piece. Cant Timbers stepped into the deadwood forward and aft and bolted through and clenched. Two strakes of Oak are rough inside the Waterways or Deck, the inner strake scored down over the Beams one inch, and the whole bolted through the side. Four of the Iron Hanging knees in the Hold running down to take two Bolts in the Floors, One long Iron knee forward and side connected with the lower Breasthook, and the long knee aft crosses the Hull from each side and takes a bolt through to the opposite side. Some little sap noticed on the inside of the Frame by Mr A. Creuze was all dropped off on Trimming the Frame to the scantling, also some sap on the Heads and Guts of the Second Fattocks and Loftimber that were squared Heads and Guts, has been removed by introducing a Crop-Check. Some three or four Loftimbers in the Poop and Forecastle that had some sap on them, have been removed. Poop secured with three pair Staple Standards, and one pair Iron Knees to Transom under Cabin Windows, the pair Staple Standards to Forecastle. The whole of Mr A. Creuzes' recommendations have been adopted. I therefore beg to recommend this vessel as a very good 12 years vessel, the Rules having been fully complied with.—

Felt under the two upper courses of sheathing all fore and aft and Felt under the Sheathing along the Garboard and Head ends forward & aft.

If Sheathed, Doubled, Felted, or Coppered with yellow metal When last done in June 1846
The tonnage in Pips
I am of opinion this Vessel should be Classed 17 feet breadth ab aft and 57 feet forward. 12 A. 1 from 1846

The Amount of the Fee.....£ 5: 0: 0 is received by me,

Special£ : : :

Certificate (if required)£ : 10: :

Henry Haynes

Committee's Minute

3rd July 1846

Character assigned

A 1 for 12 Years



© 2021

Lloyd's Register
Foundation