

No. 18 Survey held at Scarborough Date June 13th 1839
 on the Burgue Fortitude Master Buchan
 Tonnage 640 ¹¹⁶²/₂₅₀₀ Built at Scarborough When built 1842
 By whom built Messrs W. J. & R. Tindall Owners Messrs W. J. & R. Tindall
 Port belonging to Scarborough Destined Voyage London
 If Surveyed Afloat or in Dry Dock While building

Length aloft	Feet. 27	Inches. 7	Extreme Breadth	Feet. 27	Inches. 0	Depth of Hold	Feet. 20	Inches. 7/10
Scantlings of Timber.			Thickness of Plank.					
Timber and Space	each	Inches.	Outside.	Inches.	Inside.	Inches.		
Floors	sided	11	Keel to Bilge	3 1/2	Foot Waling	4		
1 st Foothooks	"	11	Bilge Planks	4 1/2	Bilge Planks	5		
2 nd Ditto	"	10	Bilge to Wales	4	Ceiling in Flat	3		
3 rd Ditto	"	"	Wales	5	Ditto Bilge to Clamp	4		
Top Timbers	"	10	Topsides	3 1/2	Hold Beam Clamps	5 1/2	4	12
Deck Beams	N ^o . of 35	10	Sheer Strakes	3 1/2	Deck Beam Ditto	4	14	14
Hold Beams	N ^o . of 22	14	Plank Sheers	3 1/2	Ceiling 'twixt Decks	3 3/4		
Keel	"	13	Water-Ways	5 1/2	Hold Beam Shelves	5	12	12
Kelsons	"	13	Upper Deck	3 1/4	Deck Beam Ditto	4	13	13

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

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 1/2 Inches. The Space between the Top-timbers is 4 Inches. The Stem, Stern Post, are composed of Eng^l & Afric Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of Eng^l & Afric Oak and are 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 9 in N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are 6 ft. The Frame is well squared from the first Foothook Heads upwards, and are 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 1/3 of the entire moulding at that place. The Frame is well choiced with a Butt at each end of the choick. The Main Kelson is composed of Afric Oak and the False Kelson of American Oak. The Scarphs of the Kelsons are not less than 6 feet 6 inches. The Deck and Hold Beams are composed of English & Afric Oak.

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of English & American Elm. From the first Foothook Heads to the Light Water Mark of American Oak. From the Light Water Mark to the Wales of Teak, English & Afric Oak. The Wales and Black-strakes are of Teak. The Topsides of Teak. The Sheer-strakes and Plank-sheers of Teak, Eng^l & Afric Oak. The Water-ways of Red Pine. The Decks of Yellow Pine. State of new. The Shifts of the Planking are not less than 5 Feet 6 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 4 strakes between

Planking Inside.—The Limber-strakes are composed of Afric & Eng^l Oak the Bilge Planks of Teak. The Ceiling, Lower Hold, of Teak. Between Decks of Teak. Shelf Pieces of Teak. Clamps of Teak.

Fastenings.—To Hold Beams Shelf Pieces above & below & doweled together with large iron Plate knee on each side & rivets to the beams. Deck Beams one clamp & 2 Plate knee each beam end, & to those over the hold beams one bumping knee. Number of Breasthooks four Six Pointers 2 Crutches 8 1 hook under the Ruff Port Butts End Bolts are of 3/4 copper in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Footwaling 46 bolted through and clenched. General Quality of Workmanship 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 in 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,	140	Chain	1 1/2	4	Bower,	24 " 2. 7
2	Fore Top Sails,	110	Hempen Stream Cable	9 3/4	1	Stream,	23 " 2. 14
2	Fore Topmast Stay Sails,	80	Hawser <u>Chain</u>	1	2	Kedge,	22 " 1. 13
1	Main Sails,	90	Towlines	9 3/4			21 " 3. 21
2	Main Top Sails,	90	Warp	6			7 " 1. 17
and the other sails			All of <u>good</u> quality.				2 " 3. 26
							2 " 0. 0

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

She has one Long Boat and one Skiff & one Jolly Boat

The present state of the Windlass is } new Capstan new and Rudder new
Somersby Patent

General Remarks—Statement and Date of Repairs.

This vessel has been surveyed at the present period, while building. The Timbers are well squared from the 1st foothook heads upwards, and are good in quality. She is well secured aft by cross checks between the floors & the quarter timber feet, which (checks) are bolted down to the dead woods; also the quarter timber feet throughout from side to side. The 3 foothooks or top timbers extend from the 1st foothook heads to the plank sheers, and the top timbers are scarphed on the 2nd foothook heads. There are 20 Iron hanging knees on each side under the deck beams & 6 large Riders with long arms under the hold beams & extending to the flat of the floor with 2 bolts in each floor & properly fastened upwards. She is secured with a long triangular plate extending from under the deck beams in midships on both sides to the fore foot, and aft to the keel: each plate is 105 feet long & rests in the centre on a Rider extending down to the floor timbers: it is 6^{ins} by 1 1/4 and bolted to each alternate timber. She has two hooks or straps outside the timbers & within the planks round the bows 5 feet long & well bolted. Also long T plates let into the fore deck hooks & extending on to the 5th beam & returned down upon it & well bolted to each beam. Size Smith's Inch.

If Sheathed, Doubled, Felted, or Coppered Coppered on Paper When last done Aug 18. 1842

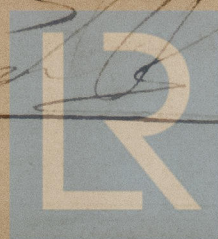
I am of opinion this Vessel should be Classed A1 12 years.

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

Special£ : :

Committee's Minute 30th August 1842

Character assigned A1 for 12 years



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