

No. 2349 Survey held at Gorham Date June 18 49
 on the Sh. Satellite Master A. Murray
 Tonnage under tonnage deck 266 Built at Gorham When built 1846 Launched May 1847
 Ditto of poop 9 By whom built J. Hudding Owners A. Murray
 Total tonnage 275 Port belonging to Gorham Destined Voyage British
 Surveyed while Building, Afloat, or in Dry Dock While Building

Length as per section 39 ..	Feet.		Inches.		Extreme Breadth Outside	Feet.		Inches.		Depth of Hold	Feet.		Inches.		Number of Decks
	111	115	25	14		14	14	14							
Length of Keel	111	115	25	14	14	14	14	14	14	14	14	14	14	14	14
Scantlings of Timber.															
TIMBER AND SPACE	25	11	11	23	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
Floors	10 1/2	11	11	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
1st Foothooks	10 1/2	9	9	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
2nd Ditto	9	10	8	7 1/2	7	7	7	7	7	7	7	7	7	7	7
3rd Ditto	3	9	7	7	6	6	6	6	6	6	6	6	6	6	6
Top Timbers	3	9	7	7	6	6	6	6	6	6	6	6	6	6	6
Deck Beams, length amidships	23	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Hold Beams, length amidships	23	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Keel	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Scarphs of Ditto	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Keelsons	14	11	12	12	12	12	12	12	12	12	12	12	12	12	12
Scarphs of Ditto	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

Outside Plank.	INCHES.		Dimensions of Ship per Register,
	In Ship.	Required per Rule.	
Garboard Strakes ..	7	3	length <u>211</u> breadth <u>25</u> depth <u>14</u>
Garboard to Bilge ..	3 1/2	3	
Bilge Planks	4	3	Inside Plank.
Bilge to Wales	3 1/2	3	
Wales	4 1/2	4 1/2	Limber Strakes ...
Topsides	4	3 1/2	Bilge Planks
Sheer Strakes	4	3 1/2	Ceiling in Flat
Plank Sheers	3	3	Ditto Bilge to Clamp
Water-Ways { Upper Deck	11	-	Hold Beam Clamps..
{ Lower Deck	8	-	Deck Beam Ditto ..
Ditto, faying surface against Timbers ..	7	6	Ceiling 'twixt Decks
Upper Deck	3	2 1/2	Hold Beam Shelves
			Deck Beam Ditto ..

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

	Copper or Y.M. in Ship.		Iron in Ship.		Inches required per Rule
	In Ship.	Required per Rule.	In Ship.	Required per Rule.	
Heel-Knee, & Dead'w'd abaft	1 1/2	-	1 1/2	-	1 1/2
Scarphs of Keel, N° 1	7/8	-	7/8	-	7/8
Keelson Bolts through Keel at each Floor	1	-	1	-	1
Bolts thro' Heels of Timbers against Deadwood	3/4	-	3/4	-	3/4
Transoms and throats of Hooks	1 1/2	-	1 1/2	-	1 1/2
Arms of Hooks	7/8	-	7/8	-	7/8
Thro' Bilge & Limber Strakes	3/4	-	3/4	-	3/4
Thickstuff over Double Floors	1 1/4	-	1 1/4	-	1 1/4
Butt End Bolts	1 1/4	-	1 1/4	-	1 1/4
Pintles of the Rudder	2 1/2	-	2 1/2	-	2 1/2
Hold Beam Bolts in Waterway	1 3/4	-	1 3/4	-	1 3/4
Hold Beam Bolts in Knees	1 3/4	-	1 3/4	-	1 3/4
Hold Beam Bolts in Shelf or Clamp	1 3/4	-	1 3/4	-	1 3/4
Deck Beam Bolts in Waterway	1 1/4	-	1 1/4	-	1 1/4
Deck Beam Bolts in Knees	1 1/4	-	1 1/4	-	1 1/4
Deck Beam Bolts in Shelf or Clamp	1 1/4	-	1 1/4	-	1 1/4
Nails or Bolts in Flat of Deck	1 1/4	-	1 1/4	-	1 1/4
Treenails	1 1/4	-	1 1/4	-	1 1/4

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 3 Inches. The Space between the Top-Timbers is 3 x 5 Inches.
 The Floors consist of Walrus Oak. The First Foothooks of Walrus Oak.
 The Second Foothooks of Walrus Oak & Birch. The Third Foothooks and Top Timbers of Spruce.
 The Shifts of the First and Second Foothooks are not less than 4 feet. N. B. When less than prescribed by the Rule, state how many.
 The rest of the Shifts of the Frame are Walrus Oak.
 The Frame is well squared from First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is Good.
 The Frames are all bolted together to the Gunwale. 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 chocked with no Butt at each end of the chock. The Main piece of Rudder is Walrus Oak of Windlass is Walrus Oak.
 The Keel is Walrus Oak. The Main Keelson is Cedar Oak and is free from all defects.
 The Stem, and Stern Post of Walrus Oak. The Transoms, Knight Heads, Hawse Timbers, and Aprons of Walrus Oak & Birch Deadwood, Walrus Oak & Birch and are well free from all defects.

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Cedar Oak
 or to the First Foothook Heads }
 From the above named Height to the Light Water Mark Walrus Oak.
 From the Light Water Mark to the Wales Walrus Oak.
 The Wales and Black-strakes are Walrus Oak & Birch. The Topsides & Sheer-strakes Cedar Oak.
 The Spirketting and Plank-sheers Cedar Oak. The Water-ways { Upper Deck Cedar Oak
 Lower Deck Walrus Oak

The Decks Walrus Oak State Natural Good.
 The Shifts of the Planking are not less than Six 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 Close between, and without step-butting.
Planking Inside.—The Limber-strakes and Bilge-strakes are Cedar Oak.
 The Ceiling, Lower Hold, and between Decks Walrus Oak. Shelf Pieces and Clamps Walrus Oak.
Fastenings.—To Hold Beams Cedar Oak through and clenched. Walrus Oak through and clenched.

Deck Beams Secured with Spruce Lodging Cedar Oak through and clenched. Walrus Oak through and clenched.
 Number of Breasthooks Three Pointers 2 pair Spruce Crutches Two Spruce.
 End Bolts are of Walrus Oak in the Bottom Two Bolts in each Butt End Walrus Oak through and clenched.
 and Limber Strakes Walrus Oak bolted through and clenched. Treenails of Walrus Oak How Made Walrus Oak.
 over Double Floors Walrus Oak bolted through and clenched. General Quality of Workmanship Good.
 We certify that the above is a correct description of the several particulars therein given.
 Signature _____ Surveyor's Signature _____

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

N ^o .	She has SAILS.	CABLES, &c.	Fathoms.	Size.	Tested to, as per Certificate.	ANCHORS, &c.		
						N ^o .	Weight. Ex. Stock.	Tested to, as per Certificate.
	Fore Sails,	Chain	195	1 3/4	25, 16			
	Fore Top Sails,	Hempen Stream Cable ..	15	1 1/2	28, 2	3	12, 3, 13, 14, 15	
	Fore Topmast Stay Sails,	Hawser	90	1 1/2			13, 1, 2, 14, 11	
	Main Sails,	Towlines	90	8			11, 2, 1, 12, 13, 11	
	Main Top Sails,	Warp	75	5				
	and all new	All of <u>good</u> quality.	75	4				

*Complete
+ some
spare*

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

She has One Long Boat and One other

The present state of the Windlass is Good Capstan None Rudder Good Pumps 2 Good.

Order for Special Survey	No.	Date	Order for Ordinary Survey	No.	Date	DATES of Surveys held while building, as per Section 35.
<u>Admiral</u>		<u>Special</u>				1st. When the Frame is completed <u>Sept 17 1844</u>
						2nd. When the Beams are put in, &c. <u>Oct 17 1844</u>
						3rd. { When completed, and before the plank be painted or payed } <u>April 23 1845</u>

General Remarks This vessel is well built of good and sound material for the Seven Year grade, fastened with Iron nails, Yellow Metal and Galvanized Iron bolts & nuts including the whole of the inside fastenings in accordance with rule Sect 45, for an additional period of one year. She has a raised quarter deck built in accordance with rule Sect 38, Twelve pair of diagonal plates fitted & bolted inside the frame timbers 4" by 5", 16 feet apart, in accordance with rule Sect 39. Vertical struts of 1 1/2" diameter mounted through bolted in accordance with rule Sect 39. The bilge & thick strakes over the short floor head Cheeks are through in accordance with the same rule & Sect. The Caulking Dryed in various parts of ship all proved sound & good, Anchors & Chains tested at Lloyd's, Dymc public Chain & Anchor proving House Low Walker Newcastle upon Tyne, Certificates Signed Thos. Burnett Esq. Capt. John Murray Esq. Masters. Messrs. H. Hood & Co.

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good

If Sheathed, Doubled, Felted, or Coppered None When last done _____

I am of opinion this Vessel should be Classed S.A.S.

The Amount of the Fee.....£ 3 : - : is received by me, Thos. Burnett Esq.
 Special£ 3 : 3 : Total Fee with Expenses £ 13 : 13 :
 Certificate£ - : 5 : - Number of Surveys while Building Eight

Committee's Minute 18 June 1845

Character assigned A 1 for 8 Years

