

No. 546 Survey held at Sundeland Date Oct^r 29th Recd 12/11/56
 on the Barque "Pora" Master C. E. Quarme 1856
 Tonnage Old _____ Built at Sundeland When built 1856 Launched September
 By whom built L. J. Gales Owners J. Watson & Co
 Port belonging to Sydney Destined Voyage India
 If Surveyed while Building, Afloat, or in Dry Dock during Building

Length aloft	122	Feet.	6	Inches.	Extreme Breadth Outside	27	Feet.	6	Inches.	Depth of Hold	17	Feet.	9	Inches.
Scantlings of Timber.					Thickness of Plank.									
TIMBER AND SPACE	Inches.		Inches.	Inches.	Outside.	Inches.		Inside.	Inches.				Inches.	
Floors	12 1/2	Moulded	12 1/2	10 1/2	Keel to Bilge	3 3/4		Limber Strakes	4				4	
1 st Foothooks	10 1/2	"	10 1/2	"	Bilge Planks	4 1/4		Bilge Planks	4				4	
2 nd Ditto	9 3/4	"	9 1/2	"	Bilge to Wales	3 3/4		Ceiling in Flat	3				3	
3 rd Ditto	9	"	8	"	Wales	5		Ditto Bilge to Clamp	3				3	
Top Timbers	9	"	5 3/4	"	Topsides	4		Hold Beam Clamps	5 1/2				4	
Deck Beams N ^o 25	Average Space 460	"	9	7 1/2	Sheer Strakes	4		Deck Beam Clamps	3 3/4				3 3/4	
Deck Beams, length amidships	25 ft	"	12	9 3/4	Plank Sheers	4		Ceiling 'twixt Decks	2 1/2				2 1/2	
Hold Beams N ^o 16	Average Space 460	"	13 1/2	"	Water-Ways	6	Upper Deck	Hold Beam Clamps	5 1/2				5 1/2	
Hold Beams, length amidships	25 ft	"	14 1/2	"	Upper Deck	3 3/8	Lower Deck	Deck Beam Ditto	"				"	
Keel	13 1/2	"	13 1/2	"										
Scarphs of Ditto	5 ft 6 in	"		"										
Keelsons	14 1/2	"		"										
Scarphs of Ditto	6 ft 6 in	"		"										

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

Heel-Knee, and Deadwood abaft	Copper 1 1/4	Iron	Transoms and throats of Hooks	Copper 1 1/4	Iron	Hold Beam Bolts in	Copper 1 1/4	Iron
Scarphs of Keel N ^o 8	1 1/4		Arms of Hooks	1 1/4		Waterway	1 1/4	
Keelson Bolts through Keel at each Floor	1 1/4		Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	1 1/4		Knees	1 1/4	
Bolts through Heels of Timbers against Deadwood	1 1/4		Butt End Bolts	3/4		Shelf or Clamp	1 1/4	
			Pintles of the Rudder	3		Waterway	7/8	
						Knees	1 1/4	
						Shelf or Clamp	7/8	
						Treenails	1 1/4	

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2.3 Inches. The Space between the Top-Timbers is 3.6 Inches.
 The Stem, and Stern Post, consist of Eng Oak & Greenheart. The Transoms, Aprons, Knight Heads, and Hawse Timbers of Eng Oak. Deadwood, of Eng Oak and are appy free from all defects.
 The Floors consist of Red & Eng Oak. The First Foothooks of Red & Eng Oak Timber.
 The Second Foothooks of Eng Oak. The Third Foothooks and Top Timbers of Eng Oak.
 The Shifts of the First and Second Foothooks are not less than 1/4. N. B. When less than prescribed by the Rule, state how many.
 The rest of the Shifts of the Frame are good.
 The Frame is fairly squared from the First Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is fairly squared.
 The alternate 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 1/4 of the entire moulding at that place.
 The Frame is crop chocked with no Butt at each end of the chock. The Main Keel is Eng & Greenheart.
 The Main Keelson is Greenheart and appy free from all defects. The False Keelson is Greenheart.
 The Deck Beams consist of Greenheart. The Hold Beams of Greenheart. The Knees of Iron.

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Greenheart.
 From the above named Height to the Light Water Mark Greenheart.
 From the Light Water Mark to the Wales Greenheart.
 The Wales and Black-strakes are Greenheart. The Topsides Greenheart.
 The Sheer-strakes and Plank-sheers Greenheart & Greenheart. The Water-ways { Upper Deck Eng & Greenheart Lower Deck _____
 The Decks Greenheart. State of _____
 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 between _____

Planking Inside.—The Limber-strakes are Greenheart. The Bilge Planks Greenheart.
 The Ceiling, Lower Hold, Greenheart & Greenheart. Between Decks Greenheart.
 Shelf Pieces _____ Clamps Greenheart.

Fastenings.—To Hold Beams Iron Lodging Knees, Skilletting & Clamps Bolted through
5 pair of Knee pieces & 1 pair of Greenheart Knees
 Deck Beams Iron Lodging Knees and 17 pair of Greenheart Knees

Number of Breasthooks 1 pair Pointers One pair Iron Crutches Two Iron Crutches
 Butts End Bolts are of 4 Metal in the Bottom, and one Bolt in each Butt End through and clenched.
 Bilge and Limber Strakes all bolted through and clenched. Treenails of Eng Oak How Made Round
 Thickstuff over Double Floors _____ bolted through and clenched. General Quality of Workmanship good

We certify that the preceding is a correct description of the above-named Vessel,
 Builder's Signature L. J. Gales Surveyor's Signature Thos. B. Simey

SLD 933 - 0076

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .		Fathoms.	Inches	N ^o .	Weight.
2	Fore Sails,	240	1 1/6	Bower,	3 19.0.4
2	Fore Top Sails,	75	1 3/8		18.0.4
2	Fore Topmast Stay Sails,	80	1 1/2	Stream,	1 17.2.14
1	Main Sails,	75	1 5/6		4.0.14
2	Main Top Sails,	75	6	Kedge,	1 2.1.24
and <u>other, as usual</u>		All of <u>good</u> quality.			

Her Standing and Running Rigging is of hemp sufficient in size and good in quality.

She has one Long Boat and two others

The present state of the Windlass is good Capstan Which Rudder good Pumps two Metal

General Remarks—Statement and Date of Repairs.

Primed June 16th
Beams in July 31st
Rep'd off September 6th

The exterior of this ship including the keels of the Cant timbers and the flat of the upper deck is fastened with yellow metal to the entire exclusion of iron

Lawson D. L. Sales

~~is~~ Sheathed, ~~Doubled~~, ~~Felted~~, or ~~Coppered~~ with yellow metal to the keels When last done

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

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

Special£ " : : "

Certificate (if required)£ " : : "

Committee's Minute 14th Nov^r 1856

Character assigned A 1 for 9 Years

25/11/56
Thos. J. Smey
[Signature]

