

No. 10046 Survey held at Blyth Date 4th September 1868 to 18th March 1869  
on the Barque "Hillmaney" Master W. L. Home  
Tonnage under tonnage deck 418.34 Built at Blyth When built 1869 Launched March 1869  
Ditto of poop 28.36 By whom built W. L. Home Owners George D. Dale  
Total tonnage 446.70 Port belonging to N. Shields Destined Voyage Shanghai  
Surveyed while Building, Afloat, or in Dry Dock Whilst building

Length as per section 39 ..	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold .....	Feet.	Inches.	Number of Decks
Length of Keel .....	122	0	29	0	17	10			The
Scantlings of Timber.									
TIMBER AND SPACE .....									
Floors .....	13	2	11	11	11	10			
1st Foothooks .....	13	11	10	10					
2nd Ditto .....	10	9	9	9					
3rd Ditto .....	9	8	8	8					
Top Timbers .....	9	8	8	8					
Deck } No. 27 Average Space {	4	0							
Beams } .....	9	9	9	9					
Deck Beams, length amidships .....	27								
Hold } No. 17 Average Space {	4	2							
Beams } .....	12	12	10	12	12	10			
Hold Beams, length amidships .....	27								
Keel .....	13	13	13	13					
Scarphs of Ditto .....	14	14	14	14					
Keelsons .....	14	14	14	14					
Scarphs of Ditto .....	14	14	14	14					

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	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Heel-Knee, & Deadw'd abaft	1 1/8	1 3/8	Transoms and throats of Hooks	1 1/8	1 3/8
Scarphs of Keel, No. 4	1 1/8	1 3/8	Arms of Hooks .....	1 1/8	1 3/8
Keelson Bolts through Keel	1 1/8	1 3/8	Thro' Bilge & Limber Strakes	1 1/8	1 3/8
at each Floor .....	1 1/8	1 3/8	Thickstuff over Double Floors	1 1/8	1 3/8
Bolts thro' Heels of Timbers	1 1/8	1 3/8	Butt End Bolts .....	1 1/8	1 3/8
against Deadwood .....	1 1/8	1 3/8	Short Bolts in Ceiling .....	1 1/8	1 3/8
			Pintles of the Rudder .....	1 1/8	1 3/8

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 1 Inches.

The Floors consist of Baltic Oak & Oak for The First Foothooks of Baltic Oak, some & Oak for

The Second Foothooks of English Oak The Third Foothooks and Top Timbers of English Oak

The Shifts of the First and Second Foothooks are not less than 1/4 of breadth N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 1/4 of breadth

The Frame is fairly squared from First Foothook Heads upwards, and free from sap, and from thence downwards, the frame is fairly

The alternate Frames are — bolted together to the Gunwale. N. B. If not, state how bolted.

The Butts of the Timbers are — close together; their thickness not less than 1/3 of the entire moulding at that place.

The Frame is cross chocked with a Butt at each end of the chock. The Main piece of Rudder is up of Windlass is greenheart

The Keel is at the bottom The Main Keelson is greenheart and — free from all defects.

The Stem, and Stern Post of English Oak The Transoms, Knight Heads, Hawse Timbers, and Aprons of English Oak Deadwood, of Baltic Oak and are — free from all defects.

The Deck and Hold Beams of greenheart oak The Breasthooks of iron The Knees of iron

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Pitch pine & the blue and a  
or to the First Foothook Heads } small pale blue pine

From the above named Height to the Light Water Mark Pitch pine

From the Light Water Mark to the Wales Pitch pine

The Wales and Black-strakes are English Oak & Pitch pine The Topsides & Sheer-strakes Pitch pine

The Spirketting and Plank-sheers Pitch pine The Water-ways { Upper Deck Pitch pine  
Lower Deck greenheart oak

The Decks Yellow pine State of Good

The Shifts of the Planking are not less than 5 Feet 0 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 thru between, and without step-butting.

Planking Inside.—The Limber-strakes and Bilge-strakes are Pitch pine

The Ceiling, Lower Hold, and between Decks Pitch pine Shelf Pieces and Clamps Pitch pine

Fastenings.—To Hold Beams iron staple holding bars in each beam space

Eight pairs of iron rider knees and seven pairs of iron hanging knees

Deck Beams iron staple holding bars in each beam space and twenty pairs of iron hanging knees

Number of Breasthooks Five of iron Pointers and Crutches Five of iron

Butt End Bolts are of Yellow metal in the Bottom. Two Bolts in each Butt End of iron and clenched.

Bilge and Limber Strakes and bolted through and clenched. Treenails of Baltic Oak How Made —

Thickstuff over Double Floors — bolted through and clenched. General Quality of Workmanship Good

We certify that the above is a correct description of the several particulars therein given

Builder's Signature George Robinson Surveyor's Signature —



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

She has SAILS.		CABLES, &c.		Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N <sup>o</sup> .	Weight. Ex. Stock.	Test as per Certificate.	Wt. req'd per Rule.	Test req'd per Rule.
N <sup>o</sup> .														
2	Fore Sails,	Chain .....		240	1 3/4	34	176	31	Bowers .....	1	15.3.14	17.6.1.7	15.1.0	16 7/8
2	Fore Top Sails,									1	15.3.0	17.3.0.4	15.1.0	16 7/8
2	Fore Topmast Stay Sails,	Hempen Stream Cable		80	9					1	13.0.0	16.15.0.0	12.3.24	14 7/8
2	Main Sails,	Hawser .....		80	7 1/2				Stream .....	1	6.2.21		6.2.0	
2	Main Top Sails,	Towlines .....		80	7									
	and Spare sails	Warp .....		80	6				Kedges .....	1	3.1.21		3.1.0	
		All of <u>good</u> quality.		80	5						1.3.0		1.3.0	

Her Standing and Running Rigging of Man Shump sufficient in size and good in quality.

She has One Long Boat and two others

The present state of the Windlass is good Capstan much Rudder good Pumps 2 of iron, good

Order for Special Survey,

No. 672 Date 15<sup>th</sup> Sept 1868

DATES of Surveys

held while building,

as per Section 35.

1st. When the Frame is completed

2nd. When the Beams are put in, &c.

3rd. { When completed, and before the plank be painted or payed }

Order for Ordinary Survey,

No. — Date —

### General Remarks

This vessel is fastened externally from the Floor Heads upwards with yellow metal bolts to the exclusion of trenails, and from the lower part of hull to Floor Heads with trenails and yellow metal bolts, and the whole of the inside fastenings of properly galvanized iron — as required by the Rules, Section 46, for vessel claiming ten additional years.

*Wm George Robinson Esq*  
*Chairman of the Committee*

Testing certificates of the Chain cables and Anchors have been produced — issued from the Trade and Marine Insurance House, and signed by Mr J. H. H. H. H.

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

If Sheathed, Doubled, Felted, or Coppered 4 Metal or felt buales When last done March 1869

I am of opinion this Vessel should be Classed 1st

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

Special .....£ 21 : 12 :

Certificate ....£ 4 : :  
*Mar 1869*

Committee's Minute 11<sup>th</sup> May 18 69

Character assigned CT 1 for 10 Years  
200



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Foundation

*Wm George Robinson Esq, Chairman of the Committee, Northumbria*