

Rev. 19/6/1863

No. 1703, Survey held at Aberdeen, Date Last Survey June 10<sup>th</sup> 1856,  
on the Brig Agnes Master Andrew Milne,  
Tonnage Old 230 Built at Aberdeen, When built 1856 Launched 1856  
New 199. By whom built Messrs Mathies & Co Owners John Forbes,  
Port belonging to Stornoway Destined Voyage Orkney,  
If Surveyed while Building, Afloat, or in Dry Dock While Building,

Length aloft .....	Feet. 103 4	Inches.	Extreme Breadth Outside .....	Feet. 92 7	Inches.	Depth of Hold .....	Feet. 13	Inches. 6
Scantlings of Timber.			MOULDED.			Thickness of Plank.		
	INCHES. In Ship. Required per Rule.	Inches. In Ship. Middle.	INCHES. In Ship. Required per Rule.	Inches. In Ship. Middle.	INCHES. In Ship. Required per Rule.	INCHES. In Ship. Required per Rule.	INCHES. In Ship. Required per Rule.	
TIMBER AND SPACE	92 93		GARBOARD STRAKES ..	7 1/2	2 3/4	LIMBER STRAKES ....	3 1/2	3 1/4
Floors	85 73/4	9	GARBOARD TO BILGE ..	3 1/2	2 3/4	BILGE PLANKS .....	4 1/2	3 1/4
1 <sup>st</sup> Foothooks	8 1/2 73/4	8	BILGE PLANKS .....	4	2 3/4	CEILING IN FLAT ....	3 1/4	3 1/4
2 <sup>nd</sup> Ditto	7 1/2 7	7 1/2	BILGE TO WALES .....	3 1/2	2 3/4	DITTO BILGE TO CLAMP	3	2 1/4
3 <sup>rd</sup> Ditto	7 1/2 6 1/2	6 1/2	WALES .....	4	4 1/2	HOLD BEAM CLAMPS ..	3	
Top Timbers	7 1/2 6 1/2	6 1/2	TOPSIDES .....	3 1/4	3 1/4	DECK BEAM DITTO ..	3	2 1/2
Deck Beams, length amidships	21		SHEER STRAKES .....	3	3 1/4	CEILING 'TWIXT DECKS	2 1/4	2
Hold Beams, length amidships	20 11		PLANK SHEERS .....	3	2 3/4	HOLD BEAM SHELVES ..	12	5 1/2
Keel	11 1/2 10 1/2	10 1/2	WATER-UPPER DECK	7 1/2	5 1/2	DECK BEAM DITTO ..	4	12
Scarps of Ditto	7 1/2 8 1/2	8 1/2	WAYS LOWER DECK	3 1/2				
Keelsons	12 11 1/2	11 1/2	UPPER DECK .....	3	2 1/2			
Scarps of Ditto	6 1/2 5 1/2	5 1/2	Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.					
Heel-Knee, and Deadwood abaft	1 1/2	1	COPPER OR IRON INCHES IN SHIP.			WATERWAY .....		
Scarps of Keel.....N°.	1	3 1/4	INCHES REQUIRED PER RULE			KNEES .....	7/8	3 1/4
Keelson Bolts through Keel at each Floor .....	1 1/2	7/8				SHelf OR CLAMP		
Bolts through Heels of Timbers against Deadwood .....	3 1/4					WATERWAY .....		
						DECK BEAM BOLTS IN		
						KNEES .....	7/8	3 1/4
						SHelf OR CLAMP		
						NAILS OR BOLTS IN FLAT OF DECK .....	6	
						TREENAILS .....	1 1/4	1 1/2

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 2 3 Inches. The Space between the Top-Timbers is 3 4 Inches.

The Floors consist of Baltic Oak, The First Foothooks of Baltic Oak, Timber.

The Second Foothooks of British Oak The Third Foothooks and Top Timbers of Baltic Oak.

The Shifts of the First and Second Foothooks are not less than Three feet 1/2. N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are the same,

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

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 1/3 of the entire moulding at that place.

The Frame is well chocked with one Butt at each end of the chock. The Main piece of Rudder is Baltic Oak.

The Main Keelson is Pitch pine Baltic Oak and is free from all defects. The Main piece of Windlass is Baltic Oak.

The Stem, and Stern Post, consist of British Oak, The Transoms, Aprons, Knight Heads, and

Hawse Timbers of Baltic Oak, Deadwood, of Baltic Oak and Planck and are well free from all defects.

The Deck and Hold Beams consist of Baltic Oak Mahogany, The Breasthooks of Baltic Oak The Knees of Baltic Oak.

**Planking Outside.**—From the Keel to the Height defined in Note to Table A, the Plank is One & 3/4 Elms,

or to the First Foothook Heads consists of 13 1/2 Oak & 1 1/2 Elm,

From the above named Height to the Light Water Mark consists of 13 1/2 Oak & 1 1/2 Elm,

From the Light Water Mark to the Wales consists of 13 1/2 Oak,

The Wales and Black-strokes are East Indian Teak The Topsides Mahogany & Teak,

The Sheer-strokes and Plank-sheers Mahogany & 13 1/2 Oak, The Water-ways Upper Deck Teak pine

The Decks consists of 8 1/2 pine The Lower Deck 13 1/2 Oak,

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 three between, and without step-butting.

**Planking Inside.**—The Limber-strokes and Bilge-strokes are Baltic & 13 1/2 Oak,

The Ceiling, Lower Hold, and between Decks 13 1/2 Oak, Shelf Pieces and Clamps 13 1/2 Oak,

**Fastenings.**—To Hold Beams are fitted flat iron binders, 6 pair of 13 1/2 Oak

Hooping Recess is to pair of iron binding and ridges well

bolts 1/2 1/2 3/4 yellow metal in screws & 1/2 iron in holes

Deck Beams are secured with feet flat iron binders 13 1/2 Oak led in

Knees is 9 pair of iron binding beams, well bolts and clenched

Number of Breasthooks six Pointers one Required Crutches 2 inch,

Butts End Bolts are yellow nickel in the bottom, and one Bolt in each Butt End through and clenched.

Bilge and Limber Strakes yellow metal bolted through and clenched. Treenails of 13 1/2 Oak How Made Turned,

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

Surveyor's Signature

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

1703 abr

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

No.

Fore Sails,  
Fore Top Sails,  
Fore Topmast Stay Sails,  
Main Sails,  
Main Top Sails,  
and all New;

	Fathoms.	Inches.
Chain	100	10
Hempen Stream Cable		
Hawser	60	5½
Towlines	55	8
Warp	70	4½
All of <u>Good</u> quality.	90	3

No.	Weight.
2	12.0.7
	5.1.11
1	3.2.17
1	1.0.26

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 metal good

General Remarks and Statement and Date of Repairs, if any.

DATES of Surveys held while building, as per Section 35.	1st. When the Frame is completed	October 26 <sup>th</sup> 1855,
	2nd. When the Beams are put in, &c.	November 13 <sup>th</sup> /
	3rd. { When completed, and before the plank be painted or payed }	May 17 <sup>th</sup> 1856,

This Vessel is well built of good & sound Material for the nine years grade, Her metal fastenings consists of Iron, except the Bilge & butt bolts, & those in the arms of Hooks, Grutches & Knees, which consists of Yellow metal up to the wales, The bilge & thick strakes over the short & long floor board chocks are through bolted & clenched, in accordance with Rule Sect 45, The Elm used in deadwoods does not extend above the height of 2 feet from the rabbit of the keel, A three Inch wide Elm plunk is worked in the top of keel, which part of the back rabbit is taken out off, The bows are raised quarter Deck, length 25 feet, & 3 feet 3 $\frac{1}{2}$  high from the main deck, fitted with 3 $\frac{1}{2}$  B.F. Oak clamps, well bolted through & clenched, 5 Beams of 13 $\frac{1}{2}$  Oak & Mahogany fitted & moulded & secured with 13 $\frac{1}{2}$  Oak Forging knees & 2 pair of Iron hanging knees, well bolted with 3 $\frac{1}{4}$  B.F. Iron, She has a good windlass, fitted with patent purchase, a double winch, & all other necessary fittings for her destined Voyage,

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 G. A. 1.

The Amount of the Fee.....£ 2 : - : - is received by me,

*John H.* Special .....£ : : :

Certificate ....£ : 2 : 6,

Committee's Minute 20<sup>th</sup> June 1856

22<sup>nd</sup> July

Character assigned

A 4 for 9 Years

