

No. 1617 Survey held at Aberdeen Date Oct<sup>r</sup> 21 1854  
 on the Brig Alma, now Smoget Master James Guy  
 Tonnage Old 302 Built at Aberdeen When built 1854 Launched 1854  
 By whom built Miss<sup>rs</sup> Guthrie & Co Owners Miss<sup>rs</sup> Guthrie & Co  
 Port belonging to Aberdeen Destined Voyage London  
 If Surveyed while Building, Afloat, or in Dry Dock while Building

Length aloft	113	6	Extreme Breadth Outside	24		Depth of Hold	13	9	
Scantlings of Timber.			Thickness of Plank.						
TIMBER AND SPACE			Inches.	Inches.	Outside	Inches.	Inside.	Inches.	
Floors	sided	24	Moulded	9 1/2	8 1/2	Keel to Bilge	3	Limber Strakes	3 1/2
1 <sup>st</sup> Foothooks	"	8 1/2	"	9 1/2	-	Bilge Planks	4	Bilge Planks	3 1/2
2 <sup>nd</sup> Ditto	"	8 x 9	"	9	-	Bilge to Wales	3 1/2	Ceiling in Flat	3 1/4
3 <sup>rd</sup> Ditto	"	7 1/2	"	8	5 1/2	Wales	4 1/2	Ditto Bilge to Clamp	3
Top Timbers	"	9 1/4	"	9 1/4	8 1/2	Topsides	3	Hold Beam Clamps	4 1/2
Deck Beams N <sup>o</sup> 19	Average Space } 3 feet 11	"	"	"	"	Sheer Strakes	3 1/4	Deck Beam Ditto	-
Deck Beams, length amidships	22-8	"	"	"	"	Plank Sheers	3	Ceiling 'twixt Decks	2 1/2
Hold Beams N <sup>o</sup> 8	Average Space } 8-	"	"	10 1/2	9	Water-Ways { Upper Deck	8 1/2 x 12	Hold Beam Shelves	8 1/2
Hold Beams, length amidships	22-4	"	"	"	"	Lower Deck	-	Deck Beam Ditto	14
Keel	"	12	"	13	-	Upper Deck	3		3
Scarphs of Ditto	"	6	"	4	-				
Keelsons	"	12	"	16	-				
Scarphs of Ditto	"	6	"	6	-				
Size of Bolts in Fastenings, distinguishing whether Copper or Iron; also of Treenails.									

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

		Copper	Iron			Copper	Iron			Copper	Iron
		Inches.	Inches.			Inches.	Inches.			Inches.	Inches.
Heel-Knee, and Deadwood abaft	4 in	1 1/2	-	Transoms and throats of Hooks	2 in	1 1/4	-	Hold Beam Bolts in	Waterway	5 in	3/4
Scarphs of Keel.....N <sup>o</sup> 8	1	-	-	Arms of Hooks	1 1/2	-	-	Deck Beam Bolts in	Knees	1 x 1 1/2	-
Keelson Bolts through Keel at each Floor	-	1 1/2	-	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	3/4	-	-		Shelf or Clamp	-	1
Bolts through Heels of Timbers against Deadwood	-	7/8	-	Butt End Bolts	3/4	-	-	Treenails	Waterway	-	7/8
				Pintles of the Rudder	3	-	-		Knees	-	7/8
									Shelf or Clamp	-	3/4

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 2 1/2 Inches. The Space between the Top-Timbers is 7 Inches.

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

Hawse Timbers of English Oak Deadwood, of Am<sup>r</sup> Elm & Br<sup>o</sup> Oak and are well free from all defects.

The Floors consist of For White & English Oak The First Foothooks of English & For White Oak Timber.

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 4 feet to 4-11 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 well 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 1/3 of the entire moulding at that place.

The Frame is well chocked with a Butt at each end of the chock.

The Main Keel is Am<sup>r</sup> Elm

The Main Keelson is For White Oak and is free from all defects. The False Keelson is For White Oak

The Deck Beams consist of British Oak The Hold Beams of British Oak The Knees of Iron & Br<sup>o</sup> Oak

**Planking Outside.**—From the Keel to the Height defined in Note to Table 2, the Plank is Am<sup>r</sup> Elm & For White Oak

From the above named Height to the Light Water Mark Consists of For White Oak,

From the Light Water Mark to the Wales For White Oak,

The Wales and Black-strakes are East India Teak & Br<sup>o</sup> Oak The Topsides are East India Teak,

The Sheer-strakes and Plank-sheers East India Teak, The Water-ways { Upper Deck Red pine

The Deck Consists of Yellow pine State of material Good

The Shifts of the Planking are not less than five 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 none less than 3 between

**Planking Inside.**—The Limber-strakes are For White Oak The Bilge Planks For White Oak,

The Ceiling, Lower Hold, For White Oak Between Decks For White Oak,

Shelf Pieces one For White Oak, Clamps To hold beams, For White Oak,

**Fastenings.**—To Hold Beams Three iron bolts to every beam & 4 pair of Iron

Deck Beams one secured with Jell's patent lugs to every beam & Iron

Number of Breasthooks three Iron Pointers none Crutches 2 Iron

Butts End Bolts are of Yellow 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 Br<sup>o</sup> Oak Flow Made plumice

Thickstuff over Double Floors all 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 \_\_\_\_\_ Surveyor's Signature William Martin



Her Masts, Yards, &c. are in Good condition, and sufficient in size and length. all new 1617 ABN

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N <sup>o</sup> .				Fathoms.	Inches.	N <sup>o</sup> .	Weight.
1	Fore Sails,	Chain .....	200	1x1 3/4	Bower, .....	2	11-2-26
2	Fore Top Sails,	Hempen Stream Cable .....	200	1x1 3/4	Stream, .....	1	4-3-6
1	Fore Topmast Stay Sails,	Hawser .....	200	1x1 3/4	Kedge, .....	1	1-2-27
1	Main Sails,	Towlines .....	200	1x1 3/4			
2	Main Top Sails,	Warp .....	200	1x1 3/4			
and <u>Main Mast</u>			All of <u>good</u> quality.				

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 Good Rudder Good Pumps 2 Iron good

**General Remarks—Statement and Date of Repairs.**

This Vessel is Built with Prime Years Material, She has a half poop, three feet six inches raise from the main deck, fitted with a strong shelf piece, well bolted to the Ships Side with through bolts & clenched, The beams are British Oak 8 inches square, with fillings fitted between each beam bolted to the shelf & the deck is composed of 2 1/2 yellow pine, The main deck shelf is worked right aft to the Stern & well secured to the Ships Side with through bolts & clenched, The whole of material & Workmanship is good and Substantial, She is sheathed with Yellow Metal & with felt under the upper Courses,

If Sheathed, Doubled, Felted, or Coppered Yellow Metal When last done 1854

I am of opinion this Vessel should be Classed A, 1,

The Amount of the Fee.....£ 3 : - : - is received by me,

No Special .....£ 12 : 7 : .

Certificate (if required) .....£ 0 : 0 : 0

Committee's Minute 7<sup>th</sup> Nov 1854

Character assigned Δ 1 for 9 Years

deferred  
white surveyor

27/11/54 AD



Lloyd's Register  
Foundation