

No. 1045 Survey held at *Sunderland*
 On the *BK Flower of Ugie*
 Tonnage *old 350 new 402*
 By whom built *Luke Crown*
 Port belonging to *Peterhead*
 If surveyed Afloat or in Dry Dock *building*

Date *6 July* 1838
 Master *A... Annand*
 When built *1838*
 Owners *J Bruce & Co.*
 Destined Voyage *Cape of Good Hope*

Length aloft	Feet inches 102 6	Extreme Breadth	Feet inches 27	Depth of Hold	Feet inches 19
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SCANTLINGS OF TIMBER

		Inches	Inches middle	Inches Ends
Timber & Space	each	12½	13	10½
Floors	Sided	12-13	Moulded 9½	9½
1 st Foothooks		11	9½	9½
2 nd Ditto		10	8½	7¼
3 rd Ditto		9	7¼	5
Top Timbers		8	5	9-9½
Deck Beams	No. of 23	9-9½	6	12
Hold Beams	Do.Do. 16	12	8½	10
Keel		12	10	15
Kelsons		14		

THICKNESS OF PLANK

OUTSIDE	Inches	INSIDE	Inches
Keel to Bilge	3	Foot waling	4
Bilge Planks	5	Bilge Planks	4
Bilge to Wales	3½-3	Ceiling in flat	3
Wales	5	Ditto Bilge to Clamp	3-2½
Topsides	2¾	Hold Beam Clamps	4
Sheer Strakes	3½	Deck Beam Ditto	3½
Plank Sheers	3½	Ceiling Twixt Decks	2¼
Water-ways	4-4½	Hold Beam Shelves	10½ 16
Upper Deck	3¼	Deck Beam Ditto	4

SIZE OF BOLTS IN FASTENINGS

COPPER	Inches	COPPER	Inches	IRON	Inches
Heel-Knee, and Dead Wood Aboard	C. 1¼ 1⅞	Bolts thro' the Bilge and foot-waling	C. ¾	Hold Beam	1
Scarphs of Keel No. 8	C. ¾	Butt End Bolts	C. ¾	Deck Beam	7/8
Floor Timber Bolts	C. 1	Lower Pintle of the Rudder	3¼		
Kelson ditto	C. 1⅞			Same in Iron above the copper	
Transoms and throats of hooks	C. 1⅞				
Arms of hooks	C. 1⅞				

TIMBERING. – The space between the Floor Timbers and Lower Foothooks in this Vessel is 1 to 2 Inches. The Space between the Top-Timbers is 3.4 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of African, English Oak and are amply free from all defects.

Her Floors and first Foothooks are composed of Afr. Eng. Except a few Floor Timber of French Oak

Her other Foothooks and Top Timbers of English Oak

Her Shifts of the first and second Foothooks are not less than 4 to 4/6 N.B. When reported by you unless than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are Good Throughout

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

The alternate Frames are all bolted together.

The Butts of the Timbers are all close together; their thickness not less than ¼ of the entire moulding at that place.

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

The Main Kelson is composed of Afr. Oak and the False Kelson of Amer^c. Oak in ???????

The Scarphs of the Kelsons are not less than 9 feet inches ??????

The Deck and Hold Beams are composed of Afr. and Eng. Oak well squared throughout

PLANKING OUTSIDE. – This vessel's Plank from the Keel to the first Foothook Heads is composed of Amer^c. Elm

From the first Foothook Heads to the Light Water Mark of Afr. and Foreign White Oak

The Wales and Black-strakes are of Afr. and Eng. Oak

The Topsides of Afr. Oak

The Sheer-strakes of Afr. Oak Decks, and state of, Yellow Pine

The Gunwales of Afr. Oak Waterways of Afr. Oak.

The Shifts of the Planking are not less than 5 feet Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought 3 between

PLANKING INSIDE. – The Clamps are composed of Afr. Oak the stringers of Afr. Oak

The Bilge Planks of Afr. Eng. & French Oak and the remainder of the Ceiling of Afr. Oak to bilges; part flat of French Oak

FASTENINGS.- To Hold Beams Iron Staple Lodging Knees; Stringer on top (dowelled) and 15 Iron Hanging Knees each side

Deck Beams One Wooden Lodging Knee and Iron Hng. Knee; Also 2 waterway dowelled in

Number of Breashooks Five ?????? Pointers ?????? One. Crutches Mark aboard and 2 ???? each side

Butt End Bolts are of Copper in the Bottom, and one Bolt in each Butt End through and clenched

Bilge and Footwaling is bolted through and clenched

General Quality of Workmanship Sound and Good Throughout

We certify that the preceding is a correct description of the above-named Vessel

Builders Name Luke Crown

Surveyor's Name John Brunton

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

She has SAILS		CABLES, &c		ANCHORS	
No.		Fathoms		Inches	No.
<u>2</u>	Fore Sails	<u>270</u>	Chain	<u>1⁵/₁₆, 1³/₈</u>	<u>3</u> Bower, <u>17¹/₂, 16¹/₂, 16</u>
<u>2</u>	Fore Top Sails	<u>80</u>	Hempen Stream Cable	<u>9¹/₂</u>	<u>1</u> Stream, <u>6</u>
<u>2</u>	Fore Topmast Stay Sails	<u>65</u>	Hawser	<u>15/16</u>	<u>2</u> Kedge, <u>3. 1³/₄</u>
<u>1</u>	Main Sails	<u>80</u>	Towlines	<u>6</u>	All of proper weight
<u>2</u>	Main Top Sails	<u>2</u>	Warp <u>80 for 2 100</u>	<u>5. 4¹/₄</u>	
And	<u>?????? sails</u>		All of <u>Good Quality</u>		

Her Standing and Running Rigging is well fitted sufficient in size and Good in quality.

She has One Long Boat and 2 other boats

The present state of the Windlass is Good ~~Capstan~~ Winch Good and Rudder Braces all Good

GENERAL REMARKS – STATEMENT AND DATE OF REPAIRS

Frame of large Scantlings; Generally of well grown and healthy Quality very well wrought and shifted throughout; ????? timber ????? scarphs on Knight Head.

Part of Transom ????? but all of large scantling

Quality of planking both outside and inside all sound & good, very well wrought and shifted and free from sap; Treenails of Eng Oak and Blue Elm Wood Beams, Knees &c are firmly fitted and securely fastened.

The planking and fastening are as good as it is possible to make them.

Commenced building in August 1837, Launched July 1838, was surveyed as follows

17/11, 18/12, 31/3, 12/4, 14/6, 6/7

In this case "All the requisite for 10Yr Ship are complied with" as most Of them for 12 Yr Class (apart the few French Floors). Is she not therefore 11 A1. The same as No. 975.

If sheathed, Double, or Felted, Coppered up to 12 ft aft, 11 ft forward

And date when last done July 1838

And I am of the opinion this Vessel should be Classed 11 A1 John Brunton

The amount of the Fee £5 5s is received by me Jhn Brntn 13/8/38

Committee Minute 16th Aug 1838

Character Assigned A1 for 10 years