

(Box. 3)

No. 1327 Survey held at Aberdeen Date 27 December 1848
 on the Barge Herandrina Master W Falconer 1st class
 Tonnage 294 Built at Aberdeen When built Launched 7 Dec 1848
 By whom built A Duthie & Co Owners W Falconer
 Port belonging to London Destined Voyage London & Cape Good Hope
 If Surveyed Afloat or in Dry Dock while building

Length aloft	Feet. Inches.	Extreme Breadth	Feet. Inches.	Depth of Hold	Feet. Inches.
Scantlings of Timber.					
Room and Space	25 ¹ / ₂	Moulded	9 ¹ / ₂	Thickness of Plank.	
Floors..... double & single..... sided	8 ¹ / ₂ to 10 ¹ / ₂	Inches. Middle	10 ¹ / ₂	Outside.	Inches.
1 st Foothooks.....	7 ¹ / ₂ to 9 ¹ / ₂	Ends.	8 ¹ / ₂	Keel to Bilge	3 ¹ / ₂
2 nd Ditto.....	7 ¹ / ₂ to 9	"	8 ¹ / ₂	Bilge Planks	3 ¹ / ₂
3 rd Ditto.....	7 ¹ / ₂ to 9	"	8 ¹ / ₂	Bilge to Wales	3 ¹ / ₂
Top Timbers	7 ¹ / ₂ to 9	"	8 ¹ / ₂	Wales	3 ¹ / ₂
Deck Beams N° 18	3 ft 9 ap ^t	"	8 ¹ / ₂	Black Strakes	2 ¹ / ₂
Average Space	8	"	8 ¹ / ₂	Topsides	2 ¹ / ₂
Hold Beams N° 12	as answered	"	8 ¹ / ₂	Sheer Strakes	2 ¹ / ₂
Average Space	12	"	8 ¹ / ₂	Plank Sheers	3
Keel	11	"	13 ¹ / ₂	Water-Ways	6
Kelsons	11 ¹ / ₂	"	13 ¹ / ₂	Upper Deck	6 x 3
<i>Rider</i> Size of Bolts in Fastenings, distinguishing whether					
Copper or Iron.	Inches.	Copper or Iron.	Inches.	Iron.	Inches.
Heel-Knee, and Dead Wood abaft	Yard Metal	Bolts thro' the Bilge and Limber Strakes	3 ¹ / ₂	Hold Beam	18 ¹ / ₂
Scarps of Keel	Yard Metal	Butt End Bolts	6 ¹ / ₂	Deck Beam	7 ¹ / ₂
Floor Timber Bolts	Yard Metal	Lower Pintle of the Rudder	3		
Kelson ditto	Yard Metal				
Transoms and throats of Hooks	Yard Metal				
Arms of Hooks	Yard Metal				

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 3¹/₂ to 4¹/₂ Inches.

The Space between

the Top-timbers is 4¹/₂ to 7 Inches.

the Transoms, Aprons,

The Stem, Stern Post, are composed of British Oak

British Oak and are free from all defects.

Knight Heads, Hawse Timbers, of

Dantzic & British Oak

Timber.

The Floors and first Foothooks are composed of

British Oak

The other Foothooks and Top Timbers of

British Oak

The Shifts of the first and second Foothooks are not less than 3 ft 4¹/₂ up to N.B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 3 ft 6¹/₂ upwards generally 4 ft

The Frame is well squared from the first Foothook Heads upwards, and not quite free from sap, and from thence downwards, the frame is well squared

The alternate Frames are each bolted together. to Gunwall

N.B. If not, state how bolted.

The Butts of the Timbers are close together; their thickness not less than 2¹/₂ in of the entire moulding at that place.

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

The Main Kelson is composed of American Oak and the False Kelson of American Oak

The Scarps of the Kelsons are not less than 7 feet inches. Rider 3 ft - Knel 6 ft

The Deck and Hold Beams are composed of British Oak of Quarter deck British Oak & Larch

The Decks of Quebec Yellow Pine State of Good

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of Stettin Oak

From the first Foothook Heads to the Light Water Mark of Dantzic & American Oak

From the Light Water Mark to the Wales of Mahogany

The Topsides of Mahogany

The Wales and Black-strokes are of Mahogany

The Water-ways of Red Pine

The Sheer-strokes and Plank-sheers of Quarter deck Plank shears Pitch Pine

State of Good

The Decks of Quebec Yellow Pine

The Shifts of the Planking are not less than 5 Feet 2 Inches. N.B. If less than prescribed by the Rule, state whether general

or partial, and if partial, in what part of the Ship.

one between thin 4 ft 2 in two between thin 4 ft 2 in

Planking Inside.—The Limber-strokes are composed of American Oak

the Bilge Planks of Am & Dantz O

The Ceiling, Lower Hold, of American & Dantz Oak

Between Decks of Dantzic Oak

Shall Pieces of American & Dantz Oak Clamps of Dantzic Oak

Fastenings.—To Hold Beams Staple Iron Knees between Beams Two Spaces Double & One Single

Lodging knees of British Oak Shelf on tops of Beams with one 7/8 bolt into beam

Deck Beams 2 pair short legs Pieces of 13¹/₂ Oak to each beam cross bolted thru beam one dowel in each beam head & shelf one inch bolt down thru waterway beam & shelf in each beam end & diagonal also 10 pair diagonal iron knees

Number of Breasthooks 4 Iron & 13¹/₂ ft Pointers One pair 13¹/₂ ft Crutches One Iron

Butts End Bolts are of Muntz Metal in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Limber Strakes as per rule bolted through and clenched. Treenails of British Oak & Dantzic flat

General Quality of Workmanship Very Good

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

Surveyor's Signature

Builder's Signature

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

1327 ABN.

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.			
N°.	Fathoms.	Inches.	N°.	cut gr lb	cut gr lb	cut gr lb	
2	Fore Sails,	90	Chain	1346	3	Bower, 15.1.4	
1	Fore Top Sails,	90	Hempen Stream Cable	1346	1	14.0.17	
2	Fore Topmast Stay Sails,	75	Hawser	6½	1	Stream, 3.0.23	
1	Main Sails,	85	Towlines	5	1	Kedge, 1.1.19	
2	Main Top Sails,	80	Warp	14½			
and others to form a full	80	All of Best quality.	3½				

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

She has One 18 ft Long Boat and Jolly Boat of 17 ft Gig of 20 ft

The present state of the Windlass is Good Capstan Good and Rudder Good
fitter with purchase

General Remarks—Statement and Date of Repairs.

This on the whole is a vessel of good sound material
formed with flared out or Clipper bow (carried to a moderate extent)
full figure head & raised quarter deck about 3ft in height
Stern formed with Themsing bottom plank run out & butt upon
counter timbers

Cutter timbers sheathed with Muntz Metal Nos 26- & 24 oz to 10 F. 2 forward
and 10 F. 11 aft - plash over planks from 7 ft downwards

Chains are certified to have been tested to 30 & 24 Tons respectively
& marked agreeably to rule Section 73

Surveyed specially at the usual stages & while under construction

Jan¹²th 1849. I have examined the five bottles & the tansons which
are Copper bottomed and all the bottles below the
water appear to be of Copper.

W. W. Dickey

If Sheathed, Doubled, Felted, or Coppered Yellow Metal When last done 1848

If Sheathed, Doubled, Felted, or Coppered *yellow measure*

I am of opinion this Vessel should be Classed G M I -

When last done 1848

cl 3 3 9 9 is received by

Thomas Alexander

Spec Special £ 9 : 9 : 0

Committee's Minute