

No. 1653 Survey held at Aberdeen,

Date

July 20<sup>th</sup>

1855

on the

Ship Sea Star,

Master

John Livingston,

Tonnage

Old 464

Built at

Aberdeen,

When built

1855

Launched

1855

By whom built

Messrs J & W Hall

Owners

John Livingston & Co

Port belonging to

Glasgow

Destined Voyage

Melbourne,

If Surveyed while Building, Afloat, or in Dry Dock

While Building

Length aloft .....	Feet. 170	Inches. 6	Extreme Breadth Outside .....	Feet. 30	Inches. 3	Depth of Hold .....	Feet. 10	Inches. -	
Scantlings of Timber.			Thickness of Plank.						
TIMBER AND SPACE .....	30								
Floors .....	12	sided	Moulded	12	10 1/2	Keel to Bilge .....	4	Limber Strakes .....	4
1st Foothooks .....	11	"	"	10 1/2	9 1/2	Bilge Planks .....	5	Bilge Planks .....	4
2nd Ditto .....	10 1/2	"	"	9 1/2	8 1/2	Bilge to Wales .....	5	Ceiling in Flat .....	4
3rd Ditto .....		"	"	7 1/2	6 1/4	Wales .....	5	Ditto Bilge to Clamp .....	4
Top Timbers .....	8 x 9		"			Topsides .....	3 1/2 x 4 1/2	Hold Beam Clamps .....	6
Deck Beams N° 32 .....	Average } Space 4 feet 6 in.	- 8	"			Sheer Strakes .....	4 1/2	Deck Beam Ditto .....	3
Deck Beams, length amidships .....	20 feet 3		"			Plank Sheers .....	4	Ceiling 'twixt Decks .....	3
Hold Beams N° 23 .....	Average } Space 3 feet 10 in.	12 1/2	"	12 1/2	10 1/2	Water-Ways { Upper Deck	7	Hold Beam Shelves .....	12
Hold Beams, length amidships .....	27 feet 10		"			Lower Deck	6	Deck Beam Ditto .....	12
Keel .....	14		"	14	-	Upper Deck .....	4		
Scarp of Ditto .....	7		"	7	-				
Keelsons .....	16		"	16	-				
Scarp of Ditto .....	6		"	-	-				

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

Heel-Knee, and Deadwood abaft	Copper	Iron	Transoms and throats of Hooks	Copper	Iron	Waterway	Copper	Iron
15 1/2	1	1	1 1/2	1 1/2	1	1 x 1 1/2	1 1/2	1 1/2
Scarp of Keel No 9	1	1	Arms of Hooks	1 1/2	1	Shelf or Clamp	1 1/2	1 1/2
Keelson Bolts through Keel at each Floor	1 1/4	1 1/4	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	7/8	7/8	Waterway	7/8	7/8
Bolts through Heels of Timbers against Deadwood	7/8	7/8	Butt End Bolts	7/8	7/8	Shelf or Clamp	1 1/2	1 1/2
			Pintles of the Rudder	3 1/2	3 1/2	Treenails	1 3/4	1 3/4

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

The Stem, and Stern Post, consist of British Oak, 12 The Transoms, Aprons, Knight Heads, and

Hawse Timbers of British Oak, 12 Deadwood, of British Oak & Elm and are well free from all defects.

The Floors consist of Baltic Oak, 9 The First Foothooks of Baltic Oak, 9 Timber.

The Second Foothooks of British Oak, 12 The Third Foothooks and Top Timbers of British Oak, 12

The Shifts of the First and Second Foothooks are not less than four feet, six, 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 choiced with a Butt at each end of the choick.

The Main Keelson is Norway 12 and is free from all defects. The Main Keel is Oak & Elm 12

The Deck Beams consist of Oak & Elm 12 The Hold Beams of British Oak 12 The False Keelson is Baltic Oak, 9

The Knees of Baltic Oak & Elm 12

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Beach, Oak & Elm, & Fir & White Oak

From the above named Height to the Light Water Mark Consists of Fir & White Oak, 12

From the Light Water Mark to the Wales Consists of Fir & White Oak, 9

The Wales and Black-strakes are East India Teak, 14 The Topsides East India Teak, 14

The Sheer-strakes and Plank-sheers East India Teak, 14 The Water-ways Upper Deck Greenheart & Fir 12

Lower Deck Fir & White Oak 10

The Decks 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 Pine less than 3 between

Planking Inside.—The Limber-strakes are Fir & White Oak, 10 The Bilge Planks Fir & White Oak, 10

The Ceiling, Lower Hold, & Fir & White Oak 10 Between Decks Consists of Fir & White Oak, 10

Shelf Pieces Pure Greenheart & Fir & White Oak 12 Clamps Greenheart & Fir & White Oak, 12

Fastenings.—To Hold Beams, British Oak Scagging Pieces, 10 pair of Iron Scagging

Deck Beams are secured with Iron Scagging Pieces, 10 pair of Iron Scagging

Number of Breasthooks Five Iron Pointers 2 pair of Baltic Oak Crutches four 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 1 1/2 bolted through and clenched. Treenails of Dry 1 1/2 x 1 1/2 Now Made Turned

Thickstuff over Double Floors 1 1/2 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



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

1655 ABN

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N <sup>o</sup> .			Fathoms.	Inches.		N <sup>o</sup> .	Weight.
	Fore Sails, 1 Extra	Chain .....	27 1/2	1 1/2	Bower, .....	3	24, 1.15
One full	Fore Top Sails, 1 d <sup>h</sup>	Hempen Stream Cable .....					21, 2.11
Suit	Fore Topmast Stay Sails, 1 d <sup>h</sup>	Hawser .....	100	7	Stream, .....	1	19, 2.24
Complete	Main Sails, 2 d <sup>h</sup>	Towlines .....	100	9			
in Manner	Main Top Sails,	Warp .....	100	6	Kedge, .....	2	5-2-4
Extra	and all new	All of <u>good</u> quality.	100	4 1/2			3-1-2

Her Standing and Running Rigging all new sufficient in size and good in quality.

She has One Long Boat and Three Others,

The present state of the Windlass is good Capstan good Rudder good Pumps good

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

This Vessel is well Built of good & sound material for the nine years grade. She has a round Stern substantially fitted & secured with necessary Transoms, Ribs & Crutches, well Bolted & Clenched. She has a full poop length 31 feet & Forecastle thirty five feet, each fitted with British Oak Beams. The Forecastle beams are 8 Inches square, secured with British Oak Scagging Ribs & 2 pair of Iron hanging Ribs, well bolted. The Shelf & Clamps consists of Fir White Oak well Bolted through the side & clenched. Poop beams 7 1/2 square secured with five pair of Iron hanging Ribs, the Clamps foreign White Oak 5 Inches, well bolted & clenched. The Decks 3 In Yellow pine of good quality. The frame timbers of this Vessel are all connected together with 13 pair of diagonal plates 5 1/2 by 5 1/2 let in flush with the timber, extending from upper deck Shelf down to the short floor heads & bolted through each timber. The Iron upper Deck beams 32 in number are 7 1/2 deep & fitted with double angle Irons to receive the Deck fastenings. The six wood beams are sided 11 Inches & moulded 10 1/2. The Vessel is Sheathed with Yellow Metal & Felt under the four upper courses. She is well fitted in all respects, and is in a good & efficient state, fit for the conveyance of dry & perishable cargoes to and from all parts of the World. The thick stuff over the double floors is four inches, & extends from lower part of short floor heads to upper part of long floor heads.

If Sheathed, Doubled, Felted, or Coppered Yellow Metal & Felt

When last done 1855

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

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

Special .....£ : :

Certificate (if required) .....£ : 5 : :

Committee's Minute 7<sup>th</sup> August 1855

Character assigned 14<sup>th</sup> August 1855

1 for 9 Years

Deferred  
White Surveys



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Foundation