

No. 2137 Survey held at Dundee Date 1 Sept 1854  
 on the Ship Whirlwind Master E. Edgell  
 Tonnage Old 1003 New 977 328 Built at Dundee When built Augt 1854  
 By whom built Mr Stephen & Sons Owners Mr Jones Brothers  
 Port belonging to London Destined Voyage London  
 If Surveyed while Building, Afloat, or in Dry Dock Specialy Surveyed while Building

Length aloft 180 6/10 Extreme Breadth 30 5/10 Depth of Hold 21 1/10

Scantlings of Timber.				Thickness of Plank.			
Room and Space	Inches.	Inches.	Inches.	Outside.	Inches.	Inside.	Inches.
Floors.....sided	14	Moulded	14 13	Keel to Bilge	4 1/2	Limber Strakes	5 1/2
1 <sup>st</sup> Foothooks.....	13	"	13 12	Bilge Planks	5 1/2	Bilge Planks	5 1/2
2 <sup>nd</sup> Ditto.....	12 1/2	"	12 10 1/2	Bilge to Wales	5 1/2	Ceiling in Flat	5
3 <sup>rd</sup> Ditto.....	"	"	"	Wales	6	Ditto Bilge to Clamp	4
Top Timbers	11	"	10 7 1/4	Short Hoods	5	Hold Beam Clamps	9 1/2 x 6
Deck Beams N <sup>o</sup> 31 Average Space	4 feet 6 1/2 in	"	10 8	Topsides	4 1/2	Deck Beam Ditto	8 x 4
Hold Beams N <sup>o</sup> 29 Average Space	4 feet 6 1/2 in	"	13 1/4	Sheer Strakes	4 1/2	Ceiling 'twixt Decks	3 1/4
Keel	15	"	17	Plank Sheers	4	Hold Beam Shelves	"
Keelsons	16 1/2	"	26	Water-Ways	10	Deck Beam Ditto	"
Scarpes of Ditto	6 feet 6 in	"	"	Upper Deck	3 3/4	Lower Bulkheads	8 1/2 x 3 1/2

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

	Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.
Heel-Knee, and Deadwood abaft	1 3/8	"	Transoms and throats of Hooks	1 1/4	"	Lower Pintle of the Rudder	4	"
Scarpes of Keel.....N <sup>o</sup> 9	1 3/16	"	Arms of Hooks	1 3/16	"	Hold Beam	1 3/16 x 1 1/4	"
Floor Timber Bolts	1 1/4	"	Bolts thro' Bilge & Limber Strakes	1 5/16	"	Deck Beam	"	1 1/8 x 1 3/16
Kelson ditto	1 1/4	"	Butt End Bolts	1 5/16	"			

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 1/2 Inches. The Space between the Top-timbers is 5 1/2 Inches. The Stem, Stern Post, consist of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of English Oak and are all free from all defects. The Floors consist of Foreign Oak The First Foothooks of Foreign Oak Timber. The Second Foothooks of English Oak The Third Foothooks of English Oak The Top Timbers of English Oak The Shifts of the first and second Foothooks are not less than 4 feet 10 in N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are 4 feet 10 in The Frame is well squared from the first Foothook Heads upwards, and nearly free from sap, and from thence downwards, the frame is well squared The transom 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 Iron Bark and free from all defects. The False Keelson is Iron Bark The Deck Beams consist of Foreign Oak The Hold Beams of Foreign Oak The Knees of Iron

**Planking Outside.**—From the Keel to the Height defined in Note to Table 2, the Plank is Elm From the above named Height to the Light Water Mark Elm From the Light Water Mark to the Wales Foreign Oak The Wales and Black-strakes are Foreign Oak The Topsides Foreign Oak The Sheer-strakes Foreign Oak and Plank-sheers Foreign Oak The Water-ways Foreign Oak The Decks Yellow pine State of good quality The Shifts of the Planking are not less than 5 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

**Planking Inside.**—The Limber-strakes are Foreign Oak the Bilge Planks Foreign Oak The Ceiling, Lower Hold, Foreign Oak Between Decks Foreign Oak Shelf Pieces " Clamps Foreign Oak

**Fastenings.**—To Hold Beams Iron Staple Lodging Knives and 27 pair of Hanging Iron Knives Twelve pair of Iron Riders overlapping the hanging Knives & extending clear to the Stem Deck Beams Iron Staple Lodging Knives and 28 pair of Vertical hanging Iron Knives Twelve pair being fitted as Staple Standards Number of Breasthooks Seven underneath Oak Pointers Four Hooks & Crutches Two Butts End Bolts are of Yellow Metal in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treennails of English Oak How Made Turned General Quality of Workmanship Superior

We certify that the preceding is a correct description of the above-named Vessel,  
 Builder's Signature Alex Stephen & Sons Surveyor's Signature David Lighter



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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.			
N <sup>o</sup> .				Fathoms.	Inches.	N <sup>o</sup> .	Weight.
2	Fore Sails,	Chain .....	300	1 3/4		3	39-1-3
2	Fore Top Sails,	Hempen Stream Cable .....	90	9 1/2			37-3-18
2	Fore Topmast Stay Sails,	Hawser .....	90	7 1/2		1	37-1-23
1	Main Sails,	Towlines .....	90	6			10-0-0
2	Main Top Sails,	Warp .....	90	5 1/2		2	3-2-0
and	<u>None found with the Sails</u>	All of <u>Best</u> quality.	100	4 1/2		2	2-2-0

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

She has One Long Boat and Three other Boats

The present state of the Windlass is Well fitted Capstan good Rudder making Pumps 2 of Mide & 2 of Side  
with patent pump

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

A very Substantial and well Built Vessel (Double Floors & full poop and Top gallant Forecastle all of good Material and workmanship highly finished and well fastened and abundantly fitted with Stow. Has been built under a Roof upwards of Twelve Months in building and upwards of Nine Months after the frame was completed.

If Sheathed, Doubled, Felted, or Coppered Sheathed with Jute Mite When last done 1854

I am of opinion this Vessel should be Classed Q M I

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

Special .....£ 48 : 17 :

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

Committee's Minute 2<sup>d</sup> Sept 1854

Character assigned A 1 for 9 Years



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