No. 4779 Survey held at Sunderland Date 18th May 1852

on the New Brig

Master

Tonnage Old 480 New 384 Built at Sunderland When built 1852

By whom built Sunderland J.r Candlish Owners Candlish & Co

Port belonging to Destined Voyage London ptt Sale

If Surveyed while Building, Afloat, or in Dry Dock During building

Rec.d 24/5/52

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.
Length aloft	120	3	Extreme Breadth	26	9	Depth of Hold	17	—

Scantlings of Timber.

		Inches.		Inches. Middle	Inches. Ends
Room and Space		27			
Floors	sided	12	Moulded	12	
1st Foothooks	"	10½	"	10¼	
2nd Ditto	"	9½	"	8½	
3rd Ditto	"	8½	"	7¼	5
Top Timbers	"	8	"	7¼	5
Deck Beams N° 23 Average Space 4ft 9	"	9¼	"	8½	7
Hold Beams N° 19 Average Space 4ft 6	"	12	"	12	10
Keel	"	12	"	16	
Keelsons	"	13½	"	13½	
Scarphs of Ditto	"	7 feet			

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge	3	Limber Strakes	3½
Bilge Planks	4	Bilge Planks	4
Bilge to Wales	3½	Ceiling in Flat	3
Wales	4⅝	Ditto Bilge to Clamp	3
Short Hoods	3¾	Hold Beam Clamps	4½
Topsides	2¾	Deck Beam Ditto	8
Sheer Strakes	3½	Ceiling 'twixt Decks	2½
Plank Sheers	3½	Hold Beam Shelfs	12
Water-Ways	5	Deck Beam Ditto	—
Upper Deck	3		

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	13/16		Transoms and throats of Hooks ..	1 1/16	1 1/16	Lower Pintle of the Rudder	3/4	
Scarphs of Keel ..... N°. 8	7/8		Arms of Hooks up.m below wales	7/8	7/8	Hold Beam up.m below wales	1	1 1/16
Floor Timber Bolts	11/16		Bolts thro' Bilge & Limber Strakes	13/16		Deck Beam		7/8
Kelson ditto	1 1/16		Butt End Bolts	3/4				

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2½ Inches. The Space between the Top-timbers is 5½ Inches. The Stem, Stern Post, consist of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of English Oak and are — free from all defects. The Floors consist of English Oak The First Foothooks of English 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 1/3 of Breadth *N. B. When less than prescribed by the Rule, state how many.* The rest of the Shifts of the Frame are Sufficient The Frame is well squared from the first Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is well squared & Good. The ~~alternate~~ every Set of Frames are — 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 to 1/4 of the entire moulding at that place. The Frame is all chocked with A Butt at each end of the chock. The Main Keelson is Greenheart and free from all defects. The False Keelson is — — — — The Deck Beams consist of Teak & English Oak The Hold Beams of Greenheart & English Oak The Knees of Iron & English Oak

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is American Elm From the above named Height to the Light Water Mark Foreign White Oak From the Light Water Mark to the Wales Greenheart & Teak The Wales and Black-strakes are Teak & Greenheart The Topsides Teak & English Oak The Sheer-strakes Teak & English Oak and Plank-sheers Teak The Water-ways Teak The Decks Yellow Pine State of Good 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 Strakes between

Planking Inside.—The Limber-strakes are Danzic Oak the Bilge Planks Stettin Oak The Ceiling, Lower Hold, Stettin & Danzic Oak Between Decks Stettin Oak Shelf Pieces Stettin Oak Clamps Stettin Oak

Fastenings.—To Hold Beams Horizontal Staple Knees & 16 Pair of Vertical Knees

Deck Beams Horizontal wood Knees & 16 Pair of Vertical & Staple Standard Knees

Number of Breasthooks Six Pointers two Crutches One

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

Bilge and Limber Strakes yn & are bolted through and clenched. Treenails of English Oak How Made Circular

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* Robt Fowler

SEYFANG AND CO., PRINTERS, FARRINGDON STREET, LONDON.

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

She has SAILS.

N°.	
A full suit of Sails	Fore Sails,
	Fore Top Sails,
	Fore Topmast Stay Sails,
	Main Sails,
	Main Top Sails,
and	

CABLES, &c.

	Fathoms.	Inches.
Chain	240	1 3/8 1 7/16
Hempen Stream Cable	75	8
Hawser *Sahara*	60	7/8
Towlines	75	6
Warp	75	5

All of *good* quality.

ANCHORS, and their weights.

	N°.	Weight.
Bower, ...	3	18 cwt 17 cwt 16 cwt
Stream, ...	1	4 cwt
Kedge, ...	1	2 cwt

Her Standing and Running Rigging *New Hemp & tar* sufficient in size and *apparently good* in quality.

She has *A* Long Boat and *Quarter Boat & Skiff*

The present state of the Windlass is *New* Capstan *New* Rudder *New* Pumps *New*

General Remarks—Statement and Date of Repairs.

If Sheathed, Doubled, Felted, or Coppered _____ When last done _____

I am of opinion this Vessel should be Classed *10. A. 1 Rob^t Fowler*

The Amount of the Fee.....£ *4*: " : " is received by me,

Special .....£ *19*: " : "

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

Committee's Minute *25 June* 1852

Character assigned *A 1 for 10*