

No.

Survey held at

London

Date

July 153 to March 20 1854

18/33

Ship "Caduceus"

Master

Mr Cass

Old 1005-44

Built at London

When built

Launched Feb 20/54

New 1134

Miss Fletcher & Co

Owners

Miss Fletcher & Co

ing to London

Destined Voyage

H.M. Transport Service

ed while Building, Afloat, or in Dry Dock

Under Special Survey throughout building

Height of Mast 106 3 Feet. Inches. Extreme Breadth 34 0 Feet. Inches. Depth of Hold 21 6 Feet. Inches.

Scantlings of Timber.

	Inches.	Inches. Middle	Inches. Ends
Space	30 1/4		
Side	15	Moulded 14 1/2	12 3/4
Hooks	13	16 1/2	12 1/4
	12	12 1/4	11 1/2
	11	12 1/4	9
Members	11	11 1/2	6 1/2
Beams N° 32	10 1/2	10 1/2	0
Beams N° 31	14 1/2	14 1/2	12
	15 1/2	15 1/2	
	17 1/2	17	

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge	4	Limber Strakes	6
Bilge Planks	4	Bilge Planks	6 1/2
Bilge to Wales	4 1/2	Ceiling in Flat	4
Wales	6 1/2	Ditto Bilge to Clamp	4
Short Hoods	4 1/2	Hold Beam Clamps	5
Topsides	4 1/2	Deck Beam Ditto	4 1/2
Sheer Strakes	4 1/2	Ceiling 'twixt Decks	5 1/2
Plank Sheers	12x12	Hold Beam Shelves	13x13
Water-Ways	11x11	Deck Beam Ditto	10x13
Upper Deck	4		

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

	Copper Inches.	Iron Inches.		Copper Inches.	Iron Inches.
Transoms and throats of Hooks	1 1/4		Lower Pintle of the Rudder	3 1/2	1 1/4
Arms of Hooks	1 1/4		Deck Beam	1 1/2	1 1/2
Bolts thro' Bilge & Limber Strakes	1 1/2		Deck Beam	1 1/2	1 1/2
Butt End Bolts	1 1/2				

ering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 3/4 Inches. The Space between the Top-timbers is 4 3/4 Inches. The Stem, Stern Post, consist of English Oak and are well free from all defects. Knight Heads, Hawse Timbers, and Deadwood, of English Oak. The Floors consist of 10 Amidships of Canada Elm and 4 of Stettin Oak the rest English Oak. The First Foothooks of 5 on each side of Stettin Oak. The Second Foothooks of 2 of Elm, 5 of Stettin Oak. The Third Foothooks of 1 of Elm, 1 of Stettin Oak. The Top Timbers of Baltic Red Pine. The Shifts of the first and second Foothooks are not less than one seventh of the breadth. The rest of the Shifts of the Frame are not less than 4". The Frame is squared from the first Foothook Heads upwards, and well free from sap, and from thence downwards, the frame is 4" 4". The alternate Frames are bolted together to the Gunwale. N. B. If not, state how bolted.

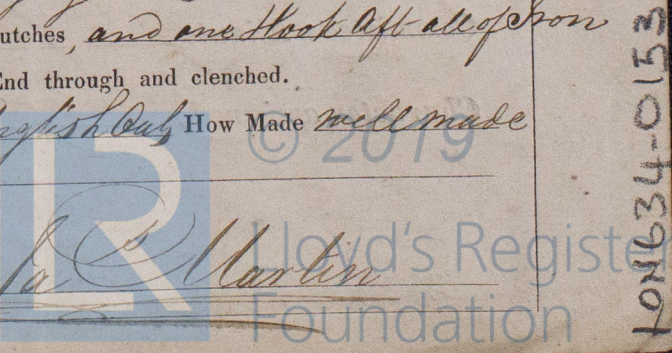
The Butts of the Timbers are close together; their thickness not less than about 1/6 of the entire moulding at that place. The Frame is part chocked with a Butt at each end of the chock. The Main Keelson is of Canada Oak and free from all defects. The False Keelson is. The Deck Beams consist of 3 of Baltic Red Pine chiefly, The Hold Beams as 1st Beams. The Knees of Iron.

anking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is 3 States next the Keel of Canada and English Elm the rest of Baltic Red Pine. From the above named Height to the Light Water Mark Baltic Red Pine. From the Light Water Mark to the Wales Baltic Red Pine. The Wales and Black-strakes are Baltic Red Pine. The Topsides Baltic Red Pine & Greenhead. The Sheer-strakes Baltic Red Pine & Greenhead and Plank-sheers Pitch Pine. The Water-ways Red Pine & Pitch Pine. The Decks Yellow Pine. State of good. The Shifts of the Planking are not less than 6 Feet 0 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 with three Strakes between.

anking Inside.—The Limber-strakes are Canada Oak the Bilge Planks Baltic Red Pine & Canada Oak. The Ceiling, Lower Hold, Baltic Red Pine. Between Decks Baltic Red Pine. Shelf Pieces Baltic Red Pine. Clamps Baltic Red Pine.

astenings.—To Hold Beams a Substantial Shelf and Waterway, each Dowelled to Beams a through Bolt in each at every Timber and 24 Pairs of Iron Hanging Knees all well Bolted. Deck Beams a Substantial Shelf and Waterway, each Dowelled to Beams a through Bolt in each at every Timber and 30 Pairs of Iron Hanging Knees all well Bolted. Number of Breasthooks 1 of Iron English Oak & 1 of Iron Pointers a pair, four Crutches, and one Hook all of Iron. Butts End Bolts are of Yellow Metal in the Bottom, and a Bolt in each Butt End through and clenched. Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak. How Made well made.

General Quality of Workmanship very good. We certify that the preceding is a correct description of the above-named Vessel. Builder's Signature Henry Fletcher & Co. Surveyor's Signature J. C. Martin.



10N634-0153

Her Masts, Yards, &c. are in good condition, and sufficient in size and length. 18733 Lon.

She has SAILS.

CABLES, &c.

ANCHORS, and their weight

N ^o .		Fathoms.	Inches.	
<i>Two full</i>	Fore Sails,	Chain	<i>300</i>	<i>1 1/2</i> Bower, <i>Three</i> ..
<i>Suits</i>	Fore Top Sails,	Hempen Stream Cable	<i>90</i>	<i>1 1/2</i>
	Fore Topmast Stay Sails,	Hawser	<i>100</i>	<i>9</i> Stream, <i>one</i>
	Main Sails,	Towlines	<i>100</i>	<i>8</i>
	Main Top Sails,	Warp	<i>100</i>	<i>5</i> Kedge, <i>two</i> ..
	<i>all new and of good quality</i>	All of <i>good</i> quality.		

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

She has a Long Boat and four other Boats

The present state of the Windlass is good, Capstan Winch, Rudder and Pumps good all new

General Remarks—Statement and Date of Repairs.

This Ship has been built under "Special Survey" Shear for the Y A grade. Materials good of their kinds, and Workmanship of the highest quality, Timbers of the Frame well payed with Solution of Copperas, a good preventive to Dry Rot.

She has 20 Pairs of Iron Straps inserted into the Timbers of the Frame $4\frac{1}{2} \times \frac{5}{8}$ extending diagonally from Upper Deck Beams downward crossing First Buttress heads, Bolts in keels of Timbers against Degrade Poop 60 feet long 4 feet high, Forecastle 39-0 long 6-6 high all Timbers of the Frame extending to their extreme height, well secured, Planking properly fastened with through Iron and their Materials suitable, and good in quality.

She has an Elliptic Stern, and is a small well built Ship

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

I am of opinion this Vessel should be Classed Y A

The Amount of the Fee.....£..... is received by me, J. A. Martin

Certificate (if required)£.....
Committee's Minute 7th March 1862

Character assigned.....