

STEAM VESSELS.

No. 42 Port of Portsmouth Date 9 May 1836Survey of the Sir Francis Drake, Steam Packet Master George Mangles Nichols
original Tonnage 113Tonnage 99 1871 By whom built M^r Brown Where built Plymouth
3500When built 1823 Owners M^r G. M. Nichols & others Port belonging to PlymouthDestined Voyage PlymouthSurveyed Afloat or in Dry Dock On M^r White's Slip by report.
Original Survey No 62 Dec^r 4 1834 Falmouth

Length from lower part of stem to fore part of stern Post aloft -

		Dimensions.			
	Feet.	Inches.		Feet.	Inches.
<i>Length from lower part of stem to fore part of stern Post aloft -</i>	113	$\frac{2}{10}$	Depth of Hold	11	1
Length of Keel.....			Lower Hold		
Rake of Stem			Between Decks		
D° of Stern Post.....					
Extreme Breadth	16	$\frac{8}{10}$			

Power of Engines. Two of 35 or 40

Scantling of Timber.

Name	Inches.	Sided Inches.	Moulded Inches.	Sort of Wood.
Timber and Space, each in Engine & Boiler Room	21			
" Foreward & Aft - - - - -	23			
Floors in the middle in Engine & Boiler Room	10	10	10	E. Oak
" Foreward and Aft - - - - -	5	10	5	D ^o
1 st Foothooks	5	6 $\frac{1}{2}$	5	D ^o
2 nd Foothooks	6 $\frac{1}{2}$	5 $\frac{1}{2}$	5	D ^o
3 rd Foothooks	6 $\frac{1}{2}$	5	5	D ^o
Top Timbers	6	4	5	D ^o
Deck Beams.....Middle.....	7 $\frac{1}{2}$	6 $\frac{1}{2}$	5	D ^o
" secured with a shelf. Knees			5	D ^o
Lower Deck Beams....Middle.....				
" Knees				
Paddle Beams	11 $\frac{1}{2}$	11 $\frac{1}{2}$	5	D ^o
Main Kelson	10	10	5	D ^o

	No.	Length.	Sided Inches.	Moulded Inches.	Sort of Wood.
Engine and Boiler Sleepers ..	4	44	11 $\frac{1}{2}$	10	E. Oak

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Bottom ... of E. Oak ...	2 $\frac{1}{2}$	Ceiling Foreward of E. Oak	2 $\frac{1}{2}$
Bilge Planks	"	Bilge Planks	3
Sponcings <u>3" 9" from side of this beam</u>	1 $\frac{1}{2}$	Lower Deck Clamps	
Wales ... of E. Oak ...	4	Upper Deck Clamps E. Oak	4
Topsides	2	Shelf Pieces <u>of E. Oak in Engine and Boiler Room</u>	8 by 9 $\frac{1}{2}$
Shear Strake	3	" " Foreward & Aft of E. Oak -	5 $\frac{1}{2}$ by 10
Plank Shears	2 $\frac{1}{2}$		

Decks. of Red Pine

	Inches.		Inches.
Thickness.....	2 $\frac{1}{2}$	Water Ways	3 $\frac{1}{2}$

Bolts.

	Inches.		Inches.
Heel-Knee, and Dead Wood..	1	Butt Bolts. of Copper thro' & clinched	
Scarp of the Keel.....		Lower Deck Beam Bolts.....	
Kelson Bolts		Hooks forward at throat	
Sleeper Bolts		Hooks forward at arms.....	
Bolts thro' the Bilge and Foot		Transoms	
Waling. of Copper thro' & clinched		Lower Pintle of the Rudder	1 $\frac{5}{8}$

Masts, Yards, &c.

	Quality of Wood.	Length, &c.
Bowsprit		
Foremast		
Main Mast		
Mizen Mast		

Sails.

Is generally well found in } very well
Sails, or otherwise.

Cables, Cordage, &c.

	Fathoms.	Inches.
Cables, Hemp		
D ^o 2 Iron.....	140	4 $\frac{1}{2}$ 1
Hawser.....	80	5 $\frac{1}{2}$ 1
Towlines	90	4 $\frac{1}{2}$ D ^o
1 st Warp	100	4 $\frac{1}{2}$ Good
2 nd D ^o	70	3 D ^o

Standing and Running Rigging is all found to } in good condition
be sufficient in size, and good in quality. } & fair proportion

Anchors.

Nos.	
2	Bower
1	Stream
1	Kedge

Boats.

Number and Description.

one 21 foot Boat good
" 16 " " "

We certify that the preceding is a correct description of the above-named Vessel and Stores.

Owner's Name

Surveyor's Name



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Lloyd's Register
Foundation

PTS891-0042

SURVEYOR'S REMARKS.

Timbering.

The Quality, *Of English Oak. The whole in Frames Bolted together, with Squaring, and Square Heads and Hubs, Dowelled, and as far as could be seen Workmanship. well squared, and in Excellent condition,*

Engine Room.

Floors filled in solid *Filled in Solid and Caulked to bear First Footlock Heads, to the floor heads, or to what place.*

Arrangement of Sleepers.

Planking.

Outside and Inside *The Original of English Oak, the New Planking of Quality, Edging, American White Oak, with good shifts. well squared Edges, and Workmanship. Properly fastened and in good condition,*

Fastenings.

Iron or Copper, and *Of Copper to her walls, when built,*
Date when done.

Butt Bolts through *Through and Clevered,*
and clenched, or otherwise.

If diagonally trussed *Diagonally Trussed from 18 feet before the Engine Room*
or otherwise. *with the Trusses of English Oak, 3 Shouldered and 9 Sided, Bolted this all with Copper Bolt, she has also 8 Iron Diagonal Ropes on each Side in Engine and Boiler Room, well and Securely Bolted,*

If Sheathed, *Copper Sheathed, Fore part, New Copper to Paddle wheels,*
Coppered, *with Double Lead Paper under under the same, the*
Doubled, *Old Copper from Paddle wheels Aft is in fair condition*
Felted. *with Double Lead Paper under the same,*

Repairs.

See report of Survey for Repairs.

General Observations
and Opinion as
required by the
Instructions.

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

Committee Minute *21 May* 183*6*

Character assigned

Record Repairs & Material Clap to the
A. W. L.

LLOYD'S

Steam Vessel
George Har
examined by
this time in good

The follow

N^o.
Estimated Power ..
Diameter of Paddle-
Length of Paddles..
Breadth of Paddles
If upon the first or s
N^o. of revolutions pe
Size and condition of

Where stowed
If in contact with boil
For what quantity roo
If liable to get wetted

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