

# STEAM VESSELS.

No. 162 Port of Leeds Date March 1 1835  
 Survey of the Monarch Master Robt Roach  
 Tonnage 272 55 By whom built Pearson Where built Thorne  
 When built 1830 Owners Brownlow & Pearson Port belonging to Thorne  
 Destined Voyage London & Hull trades  
 Surveyed Afloat or in Dry Dock Afloat

Dimensions.				Thickness of Plank.			
Feet. Inches.		Feet. Inches.		Outside.		Inside.	
Length of Keel.....	<u>144 8</u>	Depth of Hold .....	<u>14 1/2</u>	Bottom .....	<u>3</u>	Ceiling .....	<u>2 1/2</u>
Rake of Stem .....	<u>14 1/2</u>	Lower Hold .....		Bilge Planks .....	<u>3 1/2</u>	Bilge Planks .....	
D° of Stern Post .....		Between Decks .....		Spongings .....		Lower Deck Clamps .....	<u>3</u>
Extreme Breadth .....	<u>21 4</u>			Wales .....	<u>3</u>	Upper Deck Clamps .....	<u>3</u>
Power of Engines.....				Topsides .....	<u>3</u>	Shelf Pieces .....	<u>5 1/2</u>
				Shear Strake .....	<u>3</u>		
				Plank Shears.....	<u>3 1/2</u>		

  

Scantling of Timber.				
	Inches.	Sided Inches.	Moulded Inches.	Sort of Wood.
Timber and Space, each.....	<u>15 1/2</u>			
Floors in the middle .....		<u>8</u>	<u>11</u>	<u>80</u>
1 <sup>st</sup> Foothooks .....				
2 <sup>nd</sup> Foothooks .....				
3 <sup>rd</sup> Foothooks .....				
Top Timbers .....			<u>4 1/2</u>	<u>80</u>
Deck Beams.....Middle.....		<u>10</u>	<u>10</u>	
.....Knees .....		<u>5</u>		
Lower Deck Beams.....Middle.....		<u>9</u>	<u>9</u>	
.....Knees .....		<u>5</u>		
Paddle Beams .....		<u>17 1/2</u>	<u>17 1/2</u>	
Main Kelson .....		<u>13</u>	<u>13</u>	

  

Engine and Boiler Sleepers				
No.	Length.	Sided Inches.	Moulded Inches.	Sort of Wood.
<u>7</u>	<u>10 1/2</u>	<u>9</u>	<u>9</u>	<u>80</u>

Masts, Yards, &c.			Sails.	
	Quality of Wood.	Length, &c.	Is generally well found in Sails, or otherwise. } <u>All New</u>	
Bowsprit .....				
Foremast .....				
Main Mast .....				
Mizen Mast .....				

  

Cables, Cordage, &c.			Anchors.		Boats.	
	Fathoms.	Inches.	Nos.		Number and Description.	
Cables, Hemp .....			<u>2</u>	Bower <u>Three 1/2</u>		
D° Iron.....	<u>180</u>	<u>1 1/2</u>		Stream <u>Three 1/2</u>		
Hawser.....	<u>60</u>	<u>5/8</u>		<u>After 31 March</u>		
Towlines .....	<u>120</u>	<u>7 1/2</u>	<u>2</u>	Kedge <u>Three 1/2</u>		
1 <sup>st</sup> Warp .....	<u>120</u>	<u>5</u>				
2 <sup>nd</sup> D° .....	<u>120</u>	<u>4 1/2</u>				

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

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

Owner's Name

Surveyor's Name





# SURVEYOR'S REMARKS.

## Timbering.

The Quality,  
Squaring, and  
Workmanship.

English Oak - good quality  
well squared & good workmanship

## Engine Room.

Floors filled in solid  
to the floor heads,  
or to what place.

Filled in solid to floor heads in way of Engine & Boilers  
one sleeper on each side fore & aft 18 in. from  
main keelson - & another 3 feet from that, fore & aft

Arrangement of  
Sleepers.

## Planking.

Outside and Inside  
Quality, Edging,  
and Workmanship.

outside Battie Fir to lightmarks, American Elm  
below - American Oak for the fastenings  
ceiling American Oak

## Fastenings.

Iron or Copper, and  
Date when done.

Iron - Iron knees to Deck & Hold Beams  
10 in. Brass Quarter Deck

Butt Bolts through  
and clenched, or  
otherwise.

not through - Extra Stringer & thick Plank  
along the Engine & Boiler Rooms in way of  
the ship - with Bolts clenched through, done  
this winter

If diagonally trussed  
or otherwise.

not

If Sheathed,  
Coppered,  
Doubled,  
Felted.

Single - Where the cargo is stored a 10 in. platform  
is used above ceiling

## Repairs.

lengthened midship 1832 21 feet over keel & 14 aloft all  
new work, the ship was exposed & the timbers  
shown in good sound condition - & the ship all  
through in high condition

Room appears to be  
potholes & etc.

General Observations  
and Opinion as  
required by the  
Instructions.

This vessel appears sound all over & not otherwise  
The condition her fit to clap years 4

Surveyed Afloat

By the Rules this vessel  
should be clapped & having  
Quartz in the Bottom & etc.  
Should not the circumstance  
of having an English Oak frame be taken in her favor?

The Amount of the Fee, " £ 1 : 1 : 4 is received by me.

Committee Minute 20 March 1835

Character assigned A 1 for 7 years

J. A. North

W. Bingham

30 March 1835

Certificate of Machinery  
issued M. B.

M. C.

## LLOYD'S REGISTER

Steam Vessel

Robert A.

examined by me  
this time in good order

J. P. Ker

The following is

## Engines

N<sup>o</sup>.  
Estimated Power  
Diameter of Paddle-wheels  
Length of Paddles  
Breadth of Paddles  
If upon the first or second motion  
N<sup>o</sup>. of revolutions per minute  
Size and condition of the hold  
all renewed  
size 2 inches

## Fuel.

Where stowed  
If in contact with boiler  
For what quantity room is provided  
If liable to get wetted

AB The ho  
separated  
Boilers by  
Room and  
Boxes aft  
the engine  
form

J. P. Ker