

STEAM VESSELS.

527

No. 527 Port of Berwick Date 5th March 18 39

Survey of the Steam Ship Manchester Master Joseph Polwart

Tonnage 216 ³¹/₁₀₀ By whom built Robert Steel & Co Where built Greenock

When built 1832 Owners Berwick Shipping Co Port belonging to Berwick

Destined Voyage London

Surveyed Afloat or in Dry Dock Afloat

Dimensions.				Thickness of Plank.			
Feet.		Inches.		Feet.		Inches.	
Length of Keel.....	145			Depth of Hold	15	6	
Rake of Stem	8			Lower Hold			
D° of Stern Post.....	1	6		Between Decks			
Extreme Breadth	23	6		Length aloft	153	0	
Power of Engines..... 220 Horse							

Scantling of Timber.					
	Inches.	Sided Inches.	Moulded Inches.	Sort of Wood.	
Timber and Space, each	27				
Floors in the middle	9 1/4	9 1/2		British oak	
1st Foothooks	8 1/2	8 1/2		"	
2nd Foothooks	7 1/2	7 1/2		"	
3rd Foothooks	6 1/2	6 1/2		"	
Top Timbers	6	6		"	
Deck Beams.....Middle.....	9 1/2	9 1/2		"	
.....Knees	5 1/2				
Lower Deck Beams....Middle.....	9	9		"	
.....Knees					
Paddle Beams	11	22		African oak	
Main Kelson	14	15		Quebec oak	
Engine and Boiler Sleepers ..	No. 4	Length. 7 ft 6 in	Sided 13	Moulded 14	Sort of Wood. Red Pine

Outside.		Inside.	
	Inches.		Inches.
Bottom	4	Ceiling	3
Bilge Planks	4 1/2	Bilge Planks	4
Sponcings	None	Lower Deck Clamps	
Wales		Upper Deck Clamps	4
Topsides	2	Shelf Pieces	4 1/2
Shear Strake			
Plank Shears			

Decks.	
Thickness.....	Inches.
Water Ways	5

Bolts.	
	Inches.
Heel-Knee, and Dead Wood..	1
Scarphs of the Keel.....	3/4
Kelson Bolts	1
Sleeper Bolts	1
Bolts thro' the Bilge and Foot	3/4
Waling	
Butt Bolts.....	7/8
Lower Deck Beam Bolts.....	7/8
Hooks forward at throat	1
Hooks forward at arms.....	7/8
Transoms	1
Lower Pintle of the Rudder ..	

Masts, Yards, &c.

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

Cables, Cordage, &c.

	Fathoms.	Inches.
Cables, Hemp		
D° 2 Iron.....	160	1 1/2
Hawser.....	70	7
Towlines	70	5
1st Warp	70	4 1/2
2nd D°		

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

Sails.

Is generally well found in } *In good Repair*
Sails, or otherwise.

Anchors.

Nos.	
2	Bower
1	Stream
1	Kedge

Boats.

Number and Description.
For Quarter Boat
one Stern Boat

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

Owner's Name

Surveyor's Name

Walter Blanton



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SURVEYOR'S REMARKS.

Timbering.

The Quality, all British Oak and sound as far as seen
Squaring, and
Workmanship.

Engine Room.

Floors filled in solid to the floor heads,
or to what place. Frame all filled in solid to the turn of the Bilge
all Fore and aft.

Arrangement of Sleepers. as far fore and aft as could be wrought

Planking.

Outside and Inside
Quality, Edging,
and Workmanship.

Fastenings.

Iron or Copper, and
Date when done.

Butt Bolts through
and clenched, or
otherwise.

If diagonally trussed
or otherwise. Diagonally Trussed

If Sheathed,
Coppered,
Doubled,
Felted. Coppered in 1830 to the Bilge

Repairs. In October 1830 New Boilers, and Engines thoroughly repaired
Engineers & Boiler makers account produced to me £1159. 10. 4
Vessel also put in best order Carpenters acc't. 648. 4. 1
This accounts for Repairs done at same time 197. 12. 1
£2005. 6. 6

General Observations
and Opinion as
required by the
Instructions.

This is a good and substantial Vessel, and is in
excellent order throughout.
As I could not get her examined so minutely as I wished the
greater part of the Cargo being on board. I sent a blank schedule
to the Builder W. Steel at Greenock and requested him to give
me his answer to the different Queries, but some of them were
left blank as above. I shall however again examine her when I
happen to be at Berwick, and Report on her.
The Master Engineer was to hand me Certificate of the state of the
Machinery & Boilers, but it has not as yet come to hand

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

Committee Minute 25 June 1839

Character assigned

Enter particulars - Ship defective



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