

STEAM VESSELS.

250

No. 250 Port of Port Glasgow Date 26th February 1836
 Survey of the new Steamer, Duchess of Sutherland Master Walter Strachan
 Tonnage 323 By whom built Wood & Mills Where built Dunlop
 When built 1835 Owners Murray Frith, London Steam Packet Co Port belonging to Inverness
 Destined Voyage Chyde to Inverness, to ply from thence to London
 Surveyed Afloat or in Dry Dock Surveyed Afloat

Dimensions.				Thickness of Plank.			
	Feet.	Inches.		Outside.	Inches.	Inside.	Inches.
Length of Keel.....	144		Depth of Hold	Bottom	4 5/4	Ceiling	2 1/2
Rake of Stem	6		Lower Hold	Bilge Planks	6 3/4	Bilge Planks	5
D° of Stern Post	-	-	Between Decks	Sponcings	3 1/2	Lower Deck Clamps	3
Extreme Breadth	27			Wales	4 1/2	Upper Deck Clamps	5 1/4
Power of Engines.....				Topsides	-	Shelf Pieces	5 1/2
Scantling of Timber.				Shear Strake	5		
	Inches.	Sided Inches.	Moulded Inches.	Plank Shears	3 3/4		
Timber and Space, each.....	12 1/2						
Floors in the middle	11 1/2		Sort of Wood.				
1 st Foothooks	10		foreign oak				
2 nd Foothooks	9		British oak				
3 rd Foothooks	8		oak				
Top Timbers	4		4 1/2				
Deck Beams.....Middle.....	9		10 Greenheart				
.....Knees	4		14 Brit. oak				
Lower Deck Beams....Middle.....	4		8 Pitch pine				
.....Knees	5		12 Bri. oak				
Paddle Beams	19		20 Bri. oak				
Main Kelson	14		14 Bri. oak				
Engine and Boiler Sleepers ..	No. 4	Length. 105	Sided Inches. 12	Moulded Inches. 16	Sort of Wood. Bri. oak in square body & red pine forward & aft.		

Masts, Yards, &c.				Sails.			
	Quality of Wood.	Length, &c.		Is generally well found in } Sails, or otherwise. }			
Bowsprit	Yellow Pine	30 feet by 14 1/2 inches		} Spl.			
Foremast	Ditto	61. 9 - " 14 "					
Main Mast	Red pine	60 feet " 15 1/2 "					
Mizen Mast							
Cables, Cordage, &c.				Anchors.			
	Fathoms.	Inches.		Boats.			
Cables, Hemp	-	-		Nos. 3 Bower 1 Stream 1 Kedge			
D° Iron.....	200	1 5/8 & 1 3/8					
Hawser.....	80	7 3/4					
Towlines	80	7					
1 st Warp	80	6 3/4	Stream Chain 80 fathoms of 3/4 inch.	Number and Description. 2 Pinna Boats			
2 nd D°	80	4 3/4					
	80	4 3/4					
	80	3 3/4					
Rigging and Running Rigging is all found to be sufficient in size, and good in quality.							

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

Owner's Name For Murray Frith & London Steam Packet Co
 Surveyor's Name John R. Cameron
Thos Davidson



SURVEYOR'S REMARKS.

Timbering.

The Quality, Floors and first futtocks, foreign oak, rest of timbering, British
Squaring, and oak, well squared and good Workmanship.
Workmanship.

Engine Room.

Floors filled in solid Filled in solid to the Floor heads, all the way fore
to the floor heads, and aft, and in way of engine pipes, to above the
or to what place. Bilge with pine.
Arrangement of one of each side of main Pelson, distance 21 Inches, and one
Sleepers. on each side, distance from the others, 32 Inches.

Planking.

Outside and Inside Quality of Planking and Piling, as per other side,
Quality, Edging, material, Edging and Workmanship good.
and Workmanship.

Fastenings.

Iron or Copper, and Copper fastened to the 12 foot mark, all above Iron,
Date when done. July 1835.

Butt Bolts through Butt bolts, not thro' and clinched generally, except
and clenched, or in square body.
otherwise.

If diagonally trussed Frame diagonally, and horizontally, trussed
or otherwise. Three Vices.

If Sheathed, Coppered on paper from 10 1/2 feet mark, down to Bilge amidships,
Coppered, and to the forward and aft.
Doubled,
Felted.

Repairs.

None.

General Observations This vessel was surveyed occasionally, while building
and Opinion as altho' not officially called, and when ultimately surveyed
required by the had a large quantity of Coal on board, she is double
Instructions. Keel in upper dock, and is a well fastened, well built
vessel, and an opinion may be classed "C.A." -

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

Committee Minute 8 April 1836

Character assigned A 1 for 6 Years

LLOYD

Steam Ves
examined
this time i

N°.
Estimated Po
Diameter of E
Length of Pa
Breadth of Pa
If upon the fi
N°. of revolut
Size and cond

Where stowed
If in contact v
For what quan
If liable to get

Comm
8 Apr
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SM