

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

Certificate for Vessels Navigated by Steam.

I James Gilchrist 20th Day of September, 1837.
 certify that the whole of the Boilers and Machinery of the
 Steam Vessel Grand Turk belonging to William Young whereof
John McPherson is Master, 243 Tons, have been carefully inspected and
 examined by me at Glasgow, and that I find the same to be at
 this time in good order and safe working condition.

Witness Stephen Rowan
James Gilchrist Master Engineer.

The following is a true Account of the Particulars of the Machinery of the Steam Vessel above named:

Engines.
 N°. 2
 Estimated Power 140 Horse
 Diameter of Paddle-wheels 18 ft.
 Length of Paddles 8 ft.
 Breadth of Paddles 18 @ 20 in.
 If upon the first or second motion 1st
 N°. of revolutions per minute 24 @ 25
 Size and condition of the holding-down bolts .. 18 in. diam.

16 Bolts to each Eng. of 1 1/2 in. diam.
I about 20 in. long secured
down through sleepers & floor timbers.

Fuel.
 Where stowed Above boiler
 If in contact with boiler yes
 For what quantity room is provided 50 tons
 If liable to get wetted No.

Boilers.
 Whether iron or copper Iron
 Working pressure 5 1/2 lbs.
 If it can be increased at pleasure no.
 If any and what means of changing the water } By a series of
 without extinguishing the fires and } pipes &
 blowing off cocks, thro
vessel's sides at
bilge

N°. of feed pumps 2
 How attached To air pump & head.
 State of the boilers New, in good order.

What clear space upon the topside of the } 4 ft. amidships
 boiler and 6 ft. at bow
 D°. at the end 6 in. try
 D°. round the chimney Steam pipe

of 12 inch clear all round

Pumps.
 N°. of hand pumps 2
 If any attached to engine, their purpose and } 2, 4 in. diam.
 power & 2 1/2 ft. stroke,
for pumping out
the bilge water.

N°. of force pumps, with a branch and hose } Double force
 of sufficient length to reach to every } Pump
 part of the vessel

James Gilchrist Master Engineer.