

SHIP'S NAME *Jose Perez*

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

ENGINEER SURVEYOR'S REPORT ON MACHINERY.

ENGINES.

Rev 29/12/79

Description *Compound Inverted Direct Acting*
 Made by *Messrs M. Paul & Co*
 When *1879* At *Dumbarton*
 Diameter of cylinder *30" x 30"* Length of stroke *27"*
 No. of revolutions per minute *95*
 Point of cut off *.6*
 Diameter of screw shaft *6 1/2" W 6 1/4"*
 Diameter of crank shaft journals *6 1/2"*
 Diameter of screw, or of paddle wheel *11 1/2"*
 Pitch of screw *12 1/2" x 6"*
 No. of blades, *Four* Total surface *32 ft²*
 No. of bilge pumps *Two* and sizes *3 1/4" dia x 13 1/2" stroke*
 Do they pump from each compartment *Yes*

Are all the bilge suction pipes fitted with roses *Yes*
 No. of feed pumps *Two* and sizes *3 1/4" dia x 13 1/2" stroke*
 What gauges are there attached to the engines and boilers ... *Two Steam and one Vacuum*
 Description and size of Donkey Pumps ... *Double acting 6" dia x 6" x 13" pump*
 Where do they pump from ... *From the Sea Bilge & Tank*
 No. of bilge injections *One* and sizes *3"*
 Are they connected to air, or circulating pumps *to Circulating*
 Is there a hand pump in the engine room *Donkey pump*
 Can it be worked by the main engines *Can be worked by hand*
 Is there a deck hose of sufficient length to reach to any part of the vessel *Yes*

MAIN BOILERS.

Number *One* Description *Round Horizontal*
 Made by *Messrs M. Paul & Co*
 When *1879* At *Dumbarton*
 Working pressure *40 lbs*
 Tested by hydraulic pressure to *140 lbs*, Date *25.11.79*
 Description of super-heating apparatus *None*
 Can each boiler be worked separately *Yes*

Can the super-heater be shut off and the boilers worked separately *Yes*
 Description and area of safety valves on each boiler *Two Direct Spring each 4" area*
 No. of square feet of fire-grate surface in each boiler *28 ft²*
 Are there separate blow off and brine cocks on each boiler, independent of those on the vessel's skin *Yes*
 Are all pipes, cocks, roses, and pumps in connection with the machinery accessible at all times *Yes*

DONKEY BOILER.

Description *No Donkey Boiler*
 Where fixed _____
 Working pressure _____

Tested by hydraulic pressure to _____, Date _____
 Description and area of safety valves _____
 No. of square feet of fire grate _____

PIPES, COCKS, AND CONNECTIONS.

Are all connections with the sea direct on the skin of the ship *Yes*
 Are they Kingston valves or common cocks ... *Screw Above valves & Cocks*
 Are they fixed sufficiently high on the ship's side to be seen without lifting the stoke hold plates ... *All fitted above*
 Are the discharge pipes above or below the deep water line *Above*
 Are they each fitted with a discharge valve on the plating of the vessel *Yes*

What pipes are carried through the bunkers *None*
 How are they protected _____
 When were the stern tube, propeller, screw shaft, and all connections examined in dry dock *On slip previous to being launched*
 Are the pipes, cocks, and valves arranged so as to prevent an unintentional connection between the sea and the bilge *Yes*
 Is the screw shaft-tunnel water tight and fitted with a sluice door on bulkhead *Yes*

Matthew Paul & Co Manufacturers

I hereby certify that the whole of the above are correct particulars of the Machinery and Boilers of the Iron (or Wood) Screw (or Paddle) Steam Vessel *"Jose Perez"* owned by *Nicasio Perez* of the Port of *Ferrol* of *297* Tons Register, and *55* Registered Horse Power, and that they have been carefully inspected and examined by me at *Dumbarton* and found to be at this date, viz., *Decr 19th* 18 *79* in good order and safe working condition.

Amount of Fee for Survey ... £ *8* : : *paid*
 (Travelling Expenses, if any, £ *2.2.0*)

James Morrison
 Engineer Surveyor to Lloyd's Register of Shipping.
Clyde District

Report (if any) on Hull of Vessel.

007342-007351-0294

His submitted that this vessel
is eligible to have a machinery
certificate granted and
* Lloyd's No. 1279
recorded

Milton
29/12/79

Workmanship.

Are the butts of plating planed or otherwise fitted?

David's Ship Spectacles



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Foundation