

Don Jose de Vega &c, &c, &c,
certifies that to verify their present condition
he has surveyed the hull, boiler, & engines,
shaft & screw of the Spanish steamer
Narciso Delofoen, registered at Havana.

The vessel was dry on the slipway of
Messrs. Zaldo situated at Frisconia.
The outside plates, ~~the~~ & seams were
scraped & it was ~~found~~ ^{found} that these plates
were of steel & had kept their thickness
corresponding with the particulars of the
vessel. — After the survey of the interior
the inside plates were scraped & found in
good condition as well as the cement which
was adhering well. The frames, strakes,
floors ~~boards~~, beams, ~~partitions~~ ^{bulkheads} & all the
hull & strengthenings were also surveyed
& found in perfect condition corresponding
with the particulars of this vessel.

The deck is of pine planks 2 1/2" thick &
not being used for cargo purposes is now
as thick as when built.

The bottom valves & cocks were also
surveyed (to do which the floors had to be
lifted) & they were found in good
working order. — All the spaces round
the boilers & engines were carefully surveyed
& found in good condition all having ^{kept} the
same thickness & level. ~~as when~~

The bunkers & water tanks have been scraped
& examined & found in good condition.

Boiler — This is made of steel plates & has
two furnaces; has an independent pump for
its ~~salubritation~~ ^{feed}; another to take off or
throw water on deck

x for cases of fire, with sufficient
tubing & connect. ; also another
independent centrifugal pump for
help to suction vessels, with suction tubes
capable of extracting about 1600 gallons
per hour. (10,000 litres) — There ^{was} also
a provision of signals, moorings, 2 anchors
of 10 & 6 hundredweight respectively, 3
lengths of ^{chain} cable of 19 metres (62 1/3 feet) ~~in~~
in good condition & with no loss of thickness.
After the survey of the outside & inside of
the boiler, a trial by hydraulic pressure took
place & a 175 lbs pressure was obtained
without any leakage or defect being shown
& I think it sufficient to resist easily
(142 lbs per sq. inch) the pressure of ^{10 1/3 Kg.} 10 1/3 ~~kg.~~ per ~~cm~~ square
centim. at the safety valves.

The condenser & safety valves were examined
& found in good condition. ^{as well as} ~~and also~~ the
screw, shaft & blocks (which are quite new)

Engines — There are triple expansion with
3 Cy. 14", 22" x 30" — 22" capable to indicate
345 HP ind or 86 Nominal the first HP
being each of 75 Kilos & the latter
of 300 Kilos. (1656 lbs)

all the (860 lbs) different pieces & supports of x packing?
the rotating & oscillating apparatus ~~them~~
been examined.

The embolus of the motor has been carefully
examined as well as the interior of the cylinders
(to which they were detached) & their (springs,
distributors, rollers & frames) }

After this survey the engines were tried
with the pressure in the boiler. The vessel
had a 2 hours trip in the bay, ^{all} the pumps ^{& reverses} were
tried; the ^{steaming} engines going forward or back & with
ease & quickness.

11 The steam & water pipes are properly & ~~securely~~ placed & ~~offer~~ ^{are} ~~a guarantee of security~~ as well as the different valves & steam pipes ~~inclosed~~ for use in case of fire, & the whole vessel is in good condition & able to do the service which she is meant for.

This certificate, verified by the ~~harbour~~ ^{authorities} is issued to the owners on the 14th Sept 95.

Signed by the Harbour master
to surveyor.

JMc
29/11/95



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