

New York District
24th December 1885

His Majesty and Her Grace

The Captain of the Steam Tug
"Forthness" of Glasgow. 2436 tons, for the
purpose of ascertaining the damage sustained
by the vessel during her voyage from China to New York
through stress of weather and injuries to the hull.
For particulars see Log Book and protest.
15th December 1885. The vessel lying at the
discharging wharf East River.

On examination of the after crank shaft,
it was found that a flaw existed in the
forward fillet of the crank pin, and that
it extended round the pin about twelve
inches, two holes had previously been drilled
there to about one quarter of an inch in depth
and the flaw found to cease. In the after
fillet of the pin a slight flaw was also
discovered. The white metal in the after
crank pin boxes worn and pitted.

On account of the difficulty and delay which would
arise in order to obtain a new crank shaft



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for the vessel, it was requested that temporary
repairs may be made for the outward voyage
to China.

The undersigned then recommended
that the after crank shaft be disconnected
as far as may be necessary, and a steel
pin about five inches in diameter be
carefully fitted through the crank pin;
and arrangements made for a new crank
shaft to be supplied to the vessel.

The white metal in the after crank pin
braces to be made good.

Dec 848⁵²/₁₀₀

J. H. Sugden

24th December 1885. The above recommendations
have been carried out as directed

J. H. Sugden



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