Shanghai
24th September 1913

H. L. Fletcher

the Hai-Ho Conservancy Commission attend the trials of the steel screw Icebreaker "Tung-Ling" on the 20th instant, for the purpose of ascertaining and reporting on the results.

The speed trials were run on the Official Course on the Seven Mile Reach. The trim of the vessel at the time of the trials was draft forward 8'-10", aft 10'-0", with a mean

draft of 9'-5". The fore peak tank and tank abaft same, also the after peak tank were dry. There was approximately 30 tons of coal in the bunkers. Eight runs were made with the following results.

1st run against the tide, 10·000 knots.

Mean 11·844 knots.

2nd run with the tide, 13·688 knots.

3rd run against the tide, 9·600 knots.

Mean 11·592 knots.

4th run with the tide, 13·585 knots.

5th run against the tide, 10·084 knots.

Mean 11·708 knots.

6th run with the tide, 13·333 knots.

7th run against the tide, 10·942 knots.

Mean 11·678 knots.

8th run with the tide, 12·414 knots.

Average mean speed of the eight runs 11·705 knots per hour.

The propelling machinery together with its auxiliaries worked well throughout.

the steering gear, windlass, electric installation and pumping plant were all tested under working conditions and found to be satisfactory.

H. L. Fletcher
Surveyor to Lloyd's Register

(3)

Referred to the Chief Ship Surveyor, and the Chief Engineer Surveyor.

CSR

Also for Mr. S. A. Hill to note.

Referred to Mr. Mayne.

14.10.13