

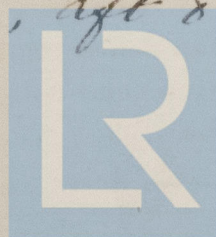
22
Shanghai

17th December 1914

H. L. Fletcher

the Hai-Ho Conservancy Commission attend
the trials of the Steel Twin Screw Icebreaker
"Meiling" of Lintsin, on the 15th 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 6'-10", aft 8'-6" giving a mean



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draft of 7'-8". The fore and after peak tanks were dry and the fresh water tanks full.

There was approximately 60 tons of coal in the bunkers.

Four runs were made with the following results.

1st run, time occupied 4 minutes 26 seconds

giving a speed equal to 13.533 knots per hour.

2nd run, time occupied 6 minutes 1 second

giving a speed equal to 9.972 knots per hour.

3rd run, time occupied 4 minutes 30 seconds

giving a speed equal to 13.333 knots per hour.

4th run, time occupied 5 minutes 50 seconds

giving a speed equal to 10.286 knots per hour.

The average speed of the 1st and 3rd runs is

equivalent to 11.75 knots per hour and for

the 3rd & 4th runs 11.8 knots per hour. The

average mean speed of the four runs is
equivalent to 11.78 knots per hour.

The propelling machinery together with its
auxiliaries worked well throughout and
steam was easily maintained.

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



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