

GLASGOW.

8th. August 1910.

J.D.Hares & H.Gardner Smith.

Messrs The Fairfield Shipbuilding and Engineering Co.Ld. survey while building the Twin Screw Steamer "BOSPHORUS 65" built by them to the order of the Chirket-i-Hairie (Bosphorus S.N.Co.) of Constantinople.

This vessel has been built, engined, equipped and fitted out in conformity with the approved plans of construction and general arrangements and otherwise completed in accordance with the specification.

The materials used throughout are of good quality and the workmanship has been carried out to our entire satisfaction.

The steam trials were carried out on the 4th. August 1910 in the Gareloch and Firth of Clyde under the following conditions

Weight on board including coal 36 Tons

Draft of Water (salt) Forward 6'0" aft 6'7" mean 6'3½"

Sea smooth

Results of measured mile trials



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Results of measured mile trials:-

Mean of two runs	Speed in knots per hour.	Revolutions per minute.	Indicated Horse Power.	Boiler pressure in lbs. per square inch.	vacuum
	12.938	174.625	555	155	26½
	13.05	175.0	586	150	25½

The vessel also steamed continuously for three hours at 174.875 revolutions per minute with a mean indicated Horse Power of 561. The coal consumption during these three hours was 3000 lbs (or 1000 lbs per hour).

The time required to stop the vessel from full speed ahead by reversing the engines to full speed astern was found to be 55 seconds.

The vessel was again run on the measured mile and as the result of two runs a mean speed of 15.509 knots per hour was obtained, the revolutions being 181.24 per minute, indicated Horse Power 616, Boiler Pressure 147 lbs. per square inch and Vacuum 25½.

Fee £20.

(sgd) *J.D. Mars*
H. Gardner Smith



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