

BALDWIN'S EXPERIMENTS WITH THE "DHONAS BEAG", AUG. 19, 1908.
By A. G. Bell.

The new hydroplane boat now being constructed according to the plans of Mr. F.V. Baldwin was tried (without the hydroplanes which are not yet quite completed) Aug. 19, 1908. A photograph of the structure in its present condition is appended. The hull weighs 51 lbs, the two out-rigger floats together 5 lbs, the truss to support the floats 7 lbs, the engine-bed 10 lbs, and the engine and accessories 145 lbs. If we include the weight of a man as 170 lbs the whole structure, with man and engine (but without the hydroplanes) weighs 388 lbs.

In the experiments made Aug. 19, 1908 the hull was loaded with lead to represent the engine etc. so that the whole weight of the structure with Mr. Baldwin on board was about 388 lbs.

The boat was towed by the Gauldrie at the rate of 13 kilometers per hour (12.973) and when it was found that the strain on the towing-line was less than 11 lbs., one of our Gaelic workmen ejaculated "Dhonas Beag" (little devil). This took Mr. Baldwin's fancy and he has accordingly named his boat the "Dhonas Beag".

(see lower photograph p. 13)