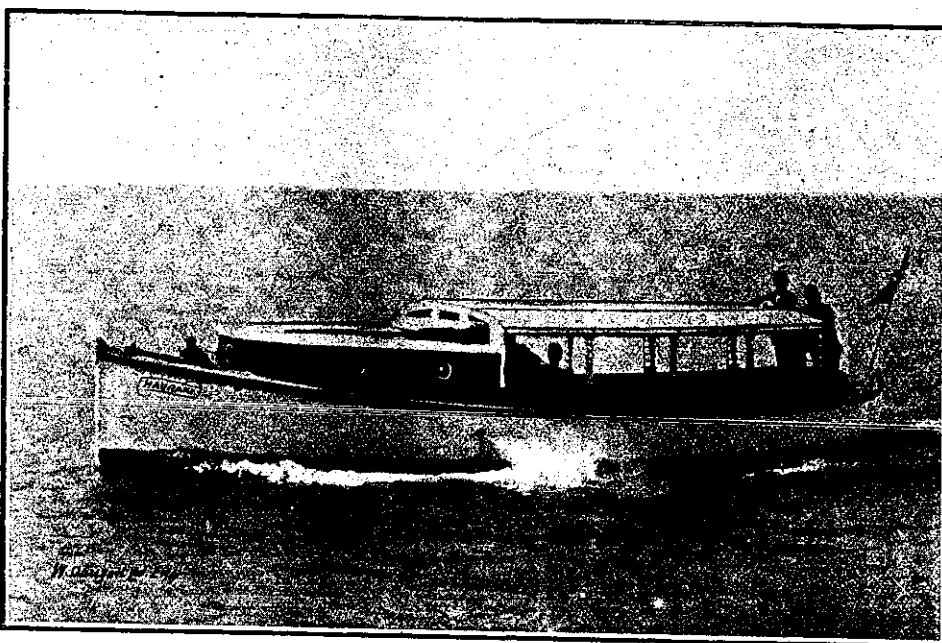


factured in New Zealand, by a New Zealand firm, it becomes doubly so. We have had occasion in former issues to point out to launch owners and those contemplating the fitting of marine engines, that in Auckland there are firms manufacturing engines equal to any imported make, and here we have another instance from Christchurch, where Messrs. Anderson, Ltd., are turning out the Anderson engines. At a future date we hope to illustrate this new engine and to publish a description. At present our space is limited; let it suffice that so successful were the trials that Mr. Charles Bailey had already nine orders in hand for Andersons.

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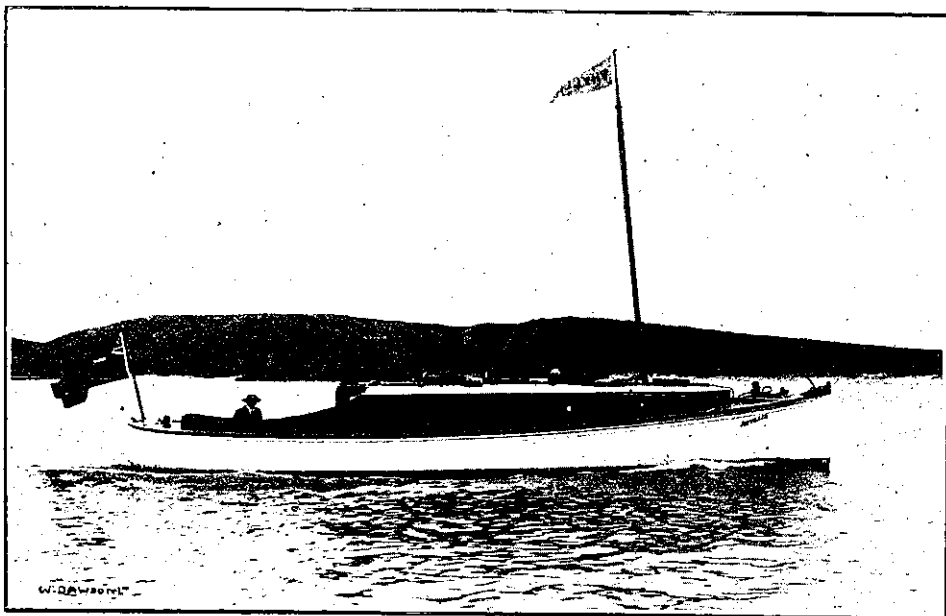
Messrs. BAILEY & LOWE have in hand, to the order of Mr. W. R. Twigg, a 40ft. torpedo stern launch, bent frame carvel build, one skin; planking is now being fitted. A 20ft. clinker build tuck stern launch is being built for the same gentleman. A 35ft. diagonal launch was put into the water a fortnight ago, and after a trial spin was slung aboard the s.s. "Hauraki," to be forwarded to her owner, Mr. C. Pool, at Akaroa. The 32ft. tuck stern launch for Mr. J. Vigor Brown, of Napier, was launched on the 19th, and while on the ways attracted a great deal of attention. She is built on the same lines as the well-known "Sybil," and is fitted with a 15 h.p. Holli-day, for which Mr. W. R. Twigg is agent. On her trial run she developed a speed of nine knots.



"HAURAKI."

the slots. The objects aimed at by the novel design are simplicity of construction, silence in

to demonstrate the practicability of the new idea, gave such good results that Messrs. Arthur & Dormer at once secured an option over the New Zealand rights, and are about to build for the local market. They are now getting out the designs for a 4 horse power engine of the stationary commercial type. This will be submitted to exhaustive tests, and should it pass these successfully, the engine will be at once placed on the market. The new engine has been taken up by a syndicate of Auckland and Wanganui residents, and the world patents have been applied for. Four or five engineers are shareholders in the syndicate, and as all expert opinions so far obtained have been favourable, there is reason to believe that more will be heard of this new engine in the immediate future.



"PHYLLIS."

Messrs. COLLINGS & BELL have in course of construction a number of launches and yachts. A 20-foot launch, fitted with a 3 h.p. Perfection engine, has just been completed for Mr. Pemberton, of Warkworth; this boat is of similar design to the one shown in the Winter Exhibition. A shipment of Perfection engines arrived a few weeks ago, and all but one are already disposed of. The firm hope to be able to supply again by the middle of this month.

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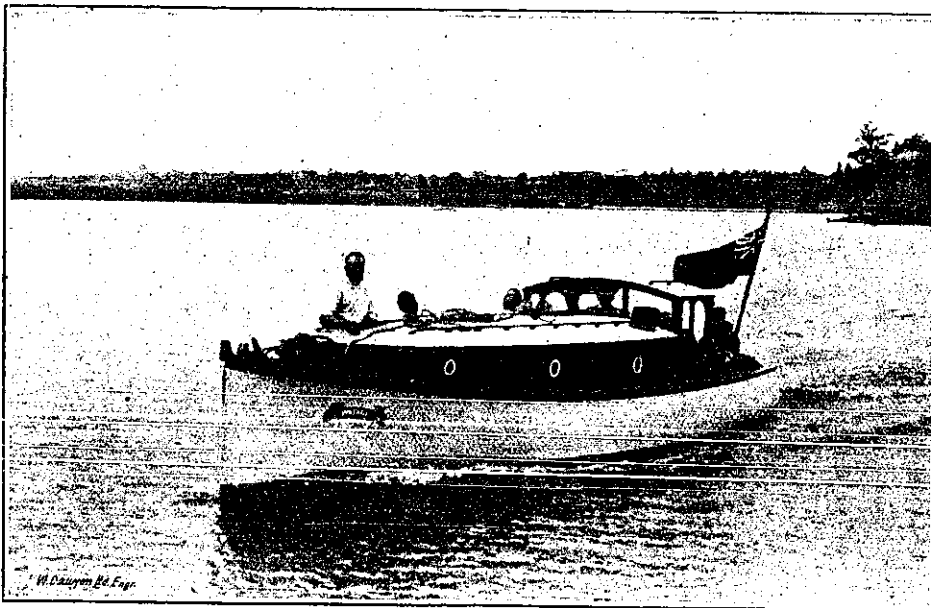
Messrs. ARTHUR & DORMER have been busily engaged during the month. A six horse power single cylinder Kapai engine is just being completed for Mr. Connell, of Waiheke. This engine is of the heavy duty type of 6-inch cylinder bore by 7 1/2 inch stroke, and develops its rated power at 400 revolutions. The crankshaft is 2 inches diameter, and the whole job is of massive design, evidently fitted for severe and continuous service. A double cylinder engine of similar design, and developing 12 horse power, has been ordered by the Fijian Government for a launch for the Police Department. This order has to be filled at short notice. The firm has lately been engaged on some work of exceptional interest from an emergency point of view. They built, to the order of a Wanganui patentee, an entirely novel type of engine, in which the usual tappet valves are entirely done away with. A slotted rotor, located outside the water jacket, opens communication with ports in the side of the cylinder, the time of opening and closing of these ports being regulated by the length of

springs and all small and intricate moving parts. The small engine, built for the patentee running, and reliability through absence of



"QUERY."

A neat, commodious motor-boat. The Query is "whence"? The answer is that she was built and engined by the owners, Messrs. Cartell Brothers, Ravensbourne. The whole fabric from keel to deckhouse top is the product of home industry. This represents a record for Australasia.



"WAIARI. (Collings and Bell.)"