

### Fairmiles

The Fairmile motor launches are a new and effective weapon against the present intensive submarine attack. Particularly are they suitable for convoy escorting in the St-Lawrence River.

More than 100 feet long, the Fairmile is a lineal descendant of the well-known sub-chaser of the last war. High powered twin-screw Hall-Scott engines of 630 h.p. give them a considerable driving power and their trim lines enable them to "turn on a dime". They are fitted with 2-1 reduction gear and at top speed can churn up 2100 revolutions. They have a great range and striking power. Their main weapon is the depth charge which they carry in great number. Also among their weapons are certain secret devices which cannot be disclosed further.

The Fairmiles seen off Canada's coasts and in the St.Lawrence River are all-Canadian built. Scores of them are now at sea and in the process of building.

Wooden-hulled submarine chasers and their sisters, motor torpedo boats. built in Canadian yards are in service with the R.C.N. The motor torpedo boats being built in Canada were created by Hubert Scott-Paine, famous English flying boat and motorboat designer. Their construction is a wartime secret. These boats are equipped with torpedo tubes, anti-aircraft guns, and are powered by Packard marine engines. They are very speedy.

### Auxiliary Cruisers

Liners, converted as auxiliary cruisers, have done good service in the R.C.N. as convoy protectors. In their encounters with German undersea craft they have never come off second best.