Valentine Designs New Light Shell For 150 Pounders

Duralumin Construction Is Used
To Cut Down Weight
Of New Boat

Craft Is Lower And Broader
A new light shell featuring duralumin construction is to be put into sea trials within a week by the members of Technology's 150 pound crew. The boat, which has been designed by Coach Valentine, master of the light weight crew, is expected to cut many seconds off their time, and if they regain the form they showed earlier this season they should win the match against Harvard.

Walter Valentine Designs New Lightweight Shell Featuring Duralumin

Coach Valentine is particularly interested in the lighter crew which he believes is particularly adapted to the qualifications of his charges. It is to have less freeboard than the ordinary craft but is to be wider, and hence just as stable.

The team is sending down five men including, H. Pratt '39, P. Alemanni '37, Z. Whittaker '38, H. Pochel '39, and E. Crangle '38. An especially made for a lighter group and is expected to cut many seconds off the squad's time.

It is ever fifty pounds lighter than the standard craft, which weighs some 275 pounds. Duralumin has been replaced in the washboards, where a saving of a third of the pounds has been made, and in the riggers, where half the normal weight has been abated.

In addition to using alloys in its construction, Valentine, who is affiliated with the Cambridge Boat Works, has given the shell a novel shape which he believes is particularly adapted to the qualifications of his charges. It is to have less freeboard than the ordinary craft but is to be wider, and hence just as stable.

With the aid of this new piece of equipment, the lightweight crew is expected to put on a good showing at the annual Intercollegiates in the New Haven Armory on Saturday. The team will start at 10 o'clock and will last all day.

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