Oarsmen Vie For Richards Trophy In Class Regatta

On Wednesday, November 11, crews from the varsity squadron representing the three upper classes will compete on the Charles River in the annual Class Day Crew Race. For the third consecutive year the class crews will start at the mile mark and sweep downstream to the mile course, the finishing at the miniautous Regatta Basin.

The races will be rowed upstream starting at the mile mark near the Sailing Pavilion and finishing at the Crew Boathouse. Starting time is set for 11:00 a.m. Meanwhile, anti-climatically Harvard will have their class races at 11:30 a.m.

Official starter for the race will be James B. McKillop, Varsity Crew Coach.

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Beaver Sailors Take Third Place In Fowle Regatta

Sailing under ideal conditions on the Charles River East, last Saturday and Sunday, the Beaver varsity sailing team took down a third place in the New England Interscholastic Teams Sailing Chambers, placing behind Harvard and Brown. Despite their superior victory in many major events, they have entered this fall, captured the championship, and the Leonard R. Fowle trophy. The Beaver sails sailed four boats in the regatta, competing against three of the five other teams entered in the race. In the first round the Techmen defeated Rhode Island 2-0 in one but in the second round Harvard beat Brown three to two for the championship, Tech whipped Coast Guard two to nothing, and Rhode Island defeated Yale 9-4, for fifth place. Scoring for the Engineers were the following teams, with the skippers listed first in each case: Alain de Berc '54 and Jorge Riana '54, Hartford Garcia '50, and John W. Astrue '56 and Nick Newman '56, and

Seaboard And Blade Has Initiation of Thirteen Jr.
(Continued from page 1)

the school year 1904-05. The major event of the year for the organization is the Military Ball which will take place on March 3.


John Wing '56 and James L. Simms '56.

The races were sailed under virtually identical weather conditions, with a speed of ten to ten per hour blowing most of the day. The races continued until 5:30 on Sunday afternoon, and the last few races were held in the dark. The first race, as a matter of interest, was won by a motorboat showing a lantern for the boat's number.

This brings to the running sweep on the Charles River to a close. The Beavers entered a reasonably good saucer, despite their inability to defeat neighboring Harvard. The team members are now looking forward to a successful spring season.

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THE DU PONT DIGEST

Design AND DEVELOPMENT

Call for Knowledge, Ingenuity, Teamwork

Making new products in large amounts, devising new processes, and improving old ones—such problems are the job of Design and Development. An example was the development of a large-scale process for making "Orlon" acrylic fiber from small laboratory samples of polyacrylonitrile.

The production of acrylic fiber was only a beginning. A whole set of new and unusual problems arose in spinning the fiber, because polyacrylonitrile decomposes before it melts, and it dissolves in high-boiling solvents.

A team of Du Pont technical men—chemical and mechanical engineers, instrumentation specialists, metallurgists, and materials specialists—was formed to find a solution. Here are a few of the problems they met:

1. Solve problems in heat transfer and fluid flow arising from the fact that the spinning solution must be blanketed with inert gas to prevent fire hazards.
2. Design a system for controlling the temperature of the viscous spinning solution within ±0.5° F.
3. Design new mechanisms for winding yarn at high speed without deviation in yarn tension.
4. Design air conditioning and ventilating systems to remove fumes from specific spots, but still allow easy access to all areas.

Among Du Pont's many research and engineering activities, Design and Development jobs provide great opportunity for the knowledge, ingenuity, and teamwork capacities of men in a variety of technical fields.

Heavy Schedule Faces Engineer Swimming Squad

The 1902-03 edition of M.I.T.'s varsity swimming squad faced a heavy action on December 5 at Amherst. Coach John M. Tuckerman and his men were prepared for this year's meet, which have been scheduled to graduate to a few promising swimmers.

Electronic engineers, headed by Captain Ben Kelley '44, include members Tom Hamilton '44 and Hal Cohen '45,A.B., and Harold F. Rand '45, and divers John Heywood '44 and Manny Benoh '45, who will enter a few dual meet season last year, taking third place in the Metropolitan Swim League, While Tidor reached his peak by taking a fifth place medal in the New England championships, the Carl W. Marquart expects fine scoring by these two aquatic acrobats.

Sophomore Rehester Team

Expected to be outstanding additions to the varsity are several of last year's freshman squad, which enjoyed a six and four record. Freshmen Bob Bankins, Glenn Sefen, Joe Hash, and garbage Johnson will have to compete with the versatile Juniors may be called on for parachute service, and the lendground and several of last year's varsity members are now looking fomxard to a successful spring season.

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Beaver Rugbytes Drop NY, 14-3, As Whilleri Stars

Last Saturday, October 31, the Beaver rugby squad emerged in the upper half of the New York Rugby Championships and will face some stiff competition.

New York broke the ice early in the first half, scoring a try but failing in the conversion attempt. In the second half the Beavers bounced back into contention to tie with New York for the win in the New York championships for another try. His conversion attempt was also good.

Later in the first half, Hoffmann kicked the Beaver three points for Tech by making a penalty kick. At the halfway mark of the second half, the score stood at 6-3 in favor of the Beavers.

Highlight of Contest

The highlight of the game was Tech's kick-off early in the second round, 60 yards from the line, that soared over the Beavers' home grounds.

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