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OARSMAN

Official publication of The National Association of Amateur Oarsmen

May/June, 1977



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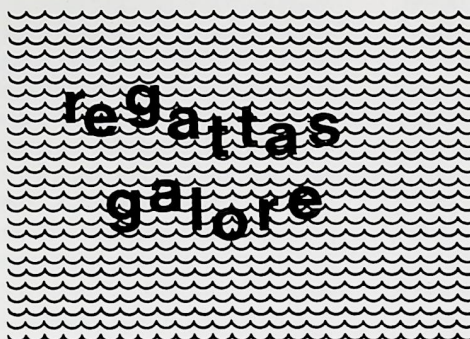
THE OARSMAN®

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May/June, 1977

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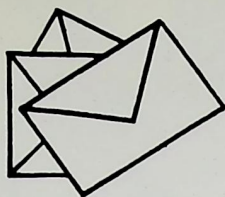
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Letters To The Editor

Your comments on any issue related to rowing are welcome. Address all correspondence to Peter Raymond, Editor, *The Oarsman*, 105 Beacon St., Apt. #6, Boston, Ma. 02116

I believe a correction is in order regarding Dr. Morgan's comments concerning the importance of "physiological" testing (*The Oarsman*, Jan/Feb 1977, p. 8.) I really think he means *psychological* testing in each case where physiological is used. We are not making any grandiose claims either, but we do feel that physiological testing can help the coaches and athletes to some degree.

Sincerely,
Frederick C. Hagerman
Athens, Ohio

I recently reviewed the September/October, 1976 *Oarsman* magazine and was amazed to view a picture on page 40 showing the "Junior West Coast Champions." The picture should have shown the undefeated Berkeley High School varsity eight and not the Marin Rowing Association Crew.

In California all interscholastic athletics in approved sports including crew are administered under the jurisdiction of the California Interscholastic Federation (C.I.F.). Last spring eight high schools participated in the Bay Area Rowing Association League under the C.I.F. for a two-month season in April and May. All of the eight schools except Berkeley High row as members of various rowing clubs during the non C.I.F. season.

Berkeley High's crew program is self-supporting and totally under the structure of the C.I.F. and in no way is affiliated with an outside rowing association or club. Therefore, Berkeley High's crew does not participate in club regattas outside the C.I.F. season such as the so called "Junior West Coast Championships".

During the 1976 C.I.F. season Berkeley High met Redwood High (the non C.I.F. Marin Rowing Association team) twice in varsity eights and defeated Redwood both times. Berkeley High was also undefeated against all other high schools competition in varsity eights during the season.

My amazement concerning the picture on page 40 is justified when I see a two-time losing crew depicted as "Junior West Coast Champions" over an undefeated crew that defeated them twice in sanctioned competition.

Sincerely,
Robert Traum
President, Bay Area Rowing Association
Meet Manager, 1977 Bay Area Rowing
League Championship Regatta
Crew Coach, Berkeley High School

May, 11, 1977

In regard to the recent letters and articles concerning the selection of a

National Eight Coach, I have felt that many of those that have written to *The Oarsman* have simply been "jumping on the bandwagon" as it were, in agreeing that last years performance at Montreal was a disaster, and that it was the fault of just one man. Why do we insist on "burying" a man who helped the U.S. effort so much in the past years? Is this any way to stimulate the growth of U.S. rowing? I have always felt that rowing, on any level, should be fun, and when it stops being fun I, for one, will stop. I feel we have gone too far when we attack another person's failures, to justify a poor showing. It is unfair to say it was one man's fault, so please do not.

Secondly, Harry Parker is most assuredly a good, if not great, coach; his records prove it, just as Al Rosenberg's did when he had been selected as the National Team Coach. But, do not put Harry on a pedestal as yet. He, like anyone else has to bring home the "gold" first. It is time to stop "passing the buck", and think of rowing as it should be, fun and by all means, rewarding.

Todd P. Kennelly
Boston University

MEMO TO ALL OF MY FELLOW PROCRASTINATORS from Jack Franklin

Years ago you elected me President of the Rowing Chapter of the Procrastinators of America. I have always felt the election was truly based on merit and that in all the world nobody was better qualified. Tomorrow I'm going to change. Tomorrow I'm resuming my exercises. Tomorrow I'm going to quit smoking. Tomorrow I'm going to start the diet, stop drinking and become an early to bed, early to riser. Tomorrow I'm going to do exactly as I did today, yesterday and the day before and without one damning twinge of conscience because all of my vices harm only me.

But you, my loyal subjects, your procrastination is hurting scores of the cream of the crop of today's youth. I can't possibly count how many of you have sent to me, "Gee, I got your letter and I certainly intend to donate to the National Rowing Foundation. I'll send you a check as soon as I get back to my desk." I know

the road to hell is paved with good intentions but, financially, the road to Amsterdam and Tampere runs out of paving about 2000 meters east of Kennedy Airport, and from there on consists of only high hopes.

Unless you think it appropriate that only the well-to-do competitors should represent the United States and that our system provides no answer to that which is employed by other nations which fully subsidize their athletes, for Heaven's sake, act now. Otherwise some of our best qualified athletes will join you in the usually futile search for results of the Championships in the local newspapers. Send your tax-free contribution to:

National Rowing Foundation
P.O. Box 6030
Arlington, Va. 22206

New England

versus the

WORLD

By Karl Twedt

"We tend to lurch along from year to year without learning from previous experience, or benefiting from our previous mistakes".

The quote is from the fine Budd-Wolf report submitted at the annual NAAO gathering, at Madison, Wisconsin.

We believe this report was read prior to the annual election of officers and directors.

Twenty-five were elected: Eighteen from that tiny section of the United States bordered by the Schuylkill and Potomac rivers on the south and extending northeastward through the New England states. Seven were elected from the remainder of these United States.

Quite a lurch...This frank avowal that 72% of our rowing-intelligence and our leadership-qualities are confined to this little sector should afford the remainder of our United States rowing faction great relief. Major responsibility for bringing our rowing program up from the depths it evidenced at the Montreal Olympics, in the men's division, would have been a grave and serious matter. Better that it be left to the faction that spent the pre-Olympic time in pot-shooting at each other, at the expense of American oarsmen, persons so engrossed with petty jealousies they almost ignored the fact they were representing their country.

"Future NAAO reorganization should encourage greater involvement on the part of coaches and athletes from areas outside the East Coast. Election of the Board of Directors by region instead of from the membership at large could accomplish this aim."

That quote is from the Final Report of the President's Commission on Olympic Sports. Our women's division has maintained this procedure for some time. Do you believe it could have been part of the reason for its great performance in these same Olympics?

Pull those cowls off your heads, and

let's come out from the shadows. Every one of you is a well-meaning and unselfish person. If you were not, you would not be doing all the unpaid things you are doing for our sport. Your only fault is blindness.

We have attended a few regattas on our west coast, for instance. We have observed numbers of organizers and officials every bit as competent as those we have met at our Nationals in the east. We have conducted too many Nationals in the east.

A top United States newsman at a recent National regatta, at Camden, New Jersey commented he would like to get a picture that would tie the action on the water to the significance of the occasion. He stated there was not a sign around the area disclosing the fact a United States National Regatta was being held.

A neighborhood affair...over the back fence...Fast oarsmen, and laggard administration. "What's goin' on here?" "Who's racin'?"

"Colleges should make rowing

facilities and equipment available for summer rowing programs." "College rowing programs should promote sculling and other small-boat rowing."

More excerpts from the Budd-Wolf report. Have any of you suggestions to offer which make more common sense? We doubt it.

New England versus the world. New England versus the far reaches of a country that extends all the way to Alaska and Hawaii. Let's help New England to not be versus anything.

Let's ask New England to lead us in establishing an NAAO operating under the basic philosophy of our United States Senate: Two people representing each state of our Union, no matter how small the population. A reaching out for additional brain-power, rather than confining leadership to a small, self-perpetuating group.

Let's not be versus anything...Let's pull together...

Karl Twedt
Minnesota Boat Club
Saint Paul, Minnesota



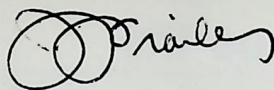
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The President's Message



I should like to report to you on several important developments which have resulted from recent meetings of our Executive Committee and the Men's and Women's Olympic Rowing Committees. They are of extreme long range significance to the NAAO and its ability to mount and administer programs which will benefit its members.

The first of these relates to an organized professional fund-raising campaign aimed at selling corporations on the benefits of giving us money. We are in the final stages of negotiations with the American Sports Development Service (ASDS), and expect agreement on contract terms within a matter of weeks.

This association results from a joint appraisal by the Executive Committee and the ASDS that:

1. Most, if not all, of the NAAO's problems relate to its past inability to finance long-term development programs of its own, rather than Olympic Committee, choosing, and

2. Fund raising from corporate sources by NAAO personnel directly has not, and cannot, be continuously nor professionally maintained by already overworked people serving as volunteers.

We are extremely anxious and intrigued by the possibilities this association represents, and, although it will take no little time to establish appropriate initial contacts, I believe we can look forward with some optimism to the eventual success of this joint venture.

The second item is that the Executive Committee has reconfirmed its intention to firmly establish the new position of Executive Director, at a salary commensurate with experience and ability. This person will be the chief salaried official of the NAAO, and will be responsible for the overall implementation, coordination and pursuit of all its many programs and projects under the supervision of the President and according to policies and procedures laid down by the Board of Directors. He or she shall, of course, be in full charge of

operations at NAAO Headquarters and organize and direct all staff services at the site of official NAAO functions.

The move for establishment of this office was unanimous, in clear recognition of the fact that recent growth in our sport and heightened interest and activity at every level and category now make it mandatory that full-time professional effort be devoted to the coordination and carrying out of the hundreds of supporting tasks which must be performed.

I particularly call this opportunity to the attention of coaches looking for a change, who are interested in a much broader involvement in every aspect of the rowing scene, both nationally and internationally, and to others who may be in retirement or semi-retirement from their professional or service careers, who feel their talents are still useful and would like to devote the next several years to this interesting and challenging task. Please contact me if you know of anyone I might write personally about this possibility.

The third program upon which I want now to report is a series of Technique and Coaching Clinics for which both the Men's and Women's Olympic Committee will provide substantial funding support this summer. Aimed at helping our coaches develop their expertise, the first of these, under the auspices of the Women's Committee, will be held in late June in Philadelphia during the week between the Women's National Championships and the U.S. Team Trials. The second, sponsored by the Men's Committee, will be of 5 to 7 days duration beginning on or about August seventh and held in the Princeton area. It is currently planned to conduct one or two more of these clinics at the Olympic Training Center at Squaw Valley later in the summer or early in the fall. Coaches and competitors interested in obtaining further details should write either Peter Lippett (407 Sansome St., San Francisco, Ca., 94111) or Bill Austin (Marist College, Poughkeepsie, N.Y., 12601).

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SUNDAY, OCTOBER 23, 1977

THE HEAD-OF-THE-CHARLES[®] REGATTA

AMERICA'S FALL ROWING FESTIVAL

CHARLES RIVER, BOSTON, MASS. U.S.A.

DISTANCE 3 MILES

INDIVIDUALLY COMPUTER-TIMED

ORDER OF EVENTS

	Points	Estimated Starting Time
1. Veterans' Singles (Mowatt Trophy)	(30)	10:00 a.m.
2. Women's Fours with Coxswain (White Stag Trophy)	(45)	10:25 a.m.
3. Double Sculls (Cromwell Trophy)	(40)	10:50 a.m.
4. Lightweight Eights (Boston Herald American Trophy)	(70)	11:10 a.m.
5. Elite Fours with Coxswain (Schaefer Trophy)	(50)	11:30 a.m.
6. Novice Singles	(20)	11:45 a.m.
7. Intermediate Fours with Coxswain (M.D.C. Trophy)	(35)	12:10 p.m.
8. Women's Singles	(30)	12:25 p.m.
9. Youth Eights	(60)	12:55 p.m.
10. Intermediate Singles (Louis B. Hawes Trophy)	(25)	1:10 p.m.
11. Pairs without Coxswain	(40)	1:35 p.m.
12. Lightweight Singles	(30)	1:55 p.m.
13. Intermediate Eights (Boston Mayor's Trophy)	(55)	2:20 p.m.
14. Masters' Singles	(30)	2:35 p.m.
15. Lightweight Fours with Coxswain (Coleman Cup)	(45)	3:00 p.m.
16. Women's Eights	(70)	3:20 p.m.
17. Elite Singles (Laurence Curtis Trophy)	(35)	3:35 p.m.
18. Elite Eights (Boston Globe Challenge Trophy)	(80)	4:00 p.m.

A special medal will be awarded to the fastest sculler in the Veteran Singles Event. A special medal will be awarded to the fastest *intermediate* sculler in the Lightweight Singles Event who did not win an Intermediate medal in the 1976 Regatta, provided that sculler's eligibility to compete for the 1977 medal is properly indicated on the Entry Form. The *Princeton Trophy* will go to the fastest eight representing a secondary school, and the *Paul Revere Point Trophy* will go to the organization amassing the greatest number of "points" in the over-all Regatta.

Entries will be accepted only from organizations which for at least three months immediately preceding the Regatta, are members of the NAAO or the NWRA, or if from a foreign country, are approved by their FISA-recognized governing body.

Entries are limited to forty per event. Single sculling entries are accepted in the order in which they are received — crew entries are accepted on a "per organization" basis. All entries must be submitted on official 1977 Head-of-the-Charles Entry Forms and must be fully paid. Any entry received without the proper fee and any entry received after October 7th, will automatically be returned.

Changes in "boatings" will not be accepted after October 7th except as permitted by NAAO rules on substitutions. Because any accepted entry may have resulted in another's exclusion, withdrawing or scratching after October 7th is not condoned and may jeopardize the acceptance of future entries from the offending organization.

Entries accepted for racing shells only.

Entries close on October 7th, or earlier in the case of Events that become fully subscribed before that date.

Notice of each entry's acceptance and/or final disposition will be mailed as soon as it is determined. In the case of subordinatedly ranked crews, this could be as late as October 7th, regardless of the date of receipt.

Veteran scullers' ages (at birthday nearest to Regatta Day) must be at least 40 years and must be shown on the Entry Forms. An eight-second handicap will be granted for each year over 40.

On Regatta Day, all competitors in *Youth Eights* must be less than 20 years old, and *Master* scullers must be at least 30 years old.

No one may enter more than one single-sculling event.

The terms "Intermediate," "Senior," and "Elite," are as defined by the NAAO, with the added restriction that competitors who won medals (top five places) in any Intermediate Event in the 1976 Regatta are not permitted to race in any Intermediate Event in the 1977 Regatta.

All competitors in Women's Events must be females. Organizations that are members of the NWRA, but not the NAAO, may not be represented by male competitors.

Novice scullers must not have sculled in any regatta prior to 1977 nor have won any sculling race during 1977, and must not be Senior or Elite sweep-oarsmen.

Registration will open on Saturday, October 22, 1977, but weigh-ins will be conducted between 6 a.m. and 9 a.m. on Sunday, October 23, 1977. Lightweight scullers must not weigh more than 160 lbs., and each lightweight crew must weigh in as a unit and not average more than 160 lbs., nor contain any individual oarsman weighing more than 165 lbs.

Entries for composite crews (representing more than one organization) will be automatically returned unless signed by the individuals in charge of competitive rowing at *each* of the organizations represented, and will not be ranked above other entries from any of those same organizations unless clearly indicated by the individuals signing the entry form. Composite crews are not seeded, do not earn any "points" and are ineligible to win any trophy.

All inquiries (other than entries) should be directed to:
REGATTA
P.O. Box 52
Cambridge, Massachusetts 02138, U.S.A.
Phone: (answering service) 617-354-3176

Please do not telephone Regatta officials with inquiries that can easily be handled by mail or wire. Your continued attention to this courtesy is very much appreciated.

SEE ANNOUNCEMENT PAGE 20

by David Burt

It won't be long before the fall rowing season is in full swing again on Boston's Charles River, with men's and women's crews clogging the waterway. But there'll be someone missing this fall, a man who's been part of the fall rowing ritual for the past 13 years.

Northeastern University's first and only rowing coach, G. Ernest Arlett, won't be in his launch on the river this year. Arlett, the dean of Boston's rowing coaches, has retired and moved to Florida, ending a glorious career that began decades ago when he sculled professionally in his native England.

Arlett coached scores of college, club and professional oarsmen during his lifetime, but his greatest triumphs came in the twilight of his career, when his Northeastern crews swept the Dad Vail Regatta in their first year of competition, and later won two straight Eastern Sprint championships in 1972 and 1973.

Arlett's association with rowing literally began the day he was born. It was the day of the finals at the Henley Royal Regatta, and Arlett was born just a few hundred yards downstream from the Henley finish line. His family lived in a small house on the banks of the Thames River.

The man who later went on to coach the younger Jack Kelly, the 1948 Finnish Olympic crew, and college oarsmen at Rutgers, Harvard and Northeastern, was honored May 21 in Boston at a testimonial dinner attended by more than 200 oarsmen, coaches, family and friends.

Arlett was honored in a fitting setting, as guests filled the Museum of Science's Sky Line Room overlooking the Charles River, not far from where many of Arlett's crews had rowed to victory.

The highlight of the retirement affair was the presentation of the G. Ernest Arlett Cup, a trophy presented in Arlett's name to be competed for annually on the Charles by Northeastern, Boston University and MIT. Arlett also was given a plaque to keep in his home, which will carry the name of each year's cup winner. The retiring coach also was presented an oil painting depicting a Northeastern eight competing at Henley, and a reproduction of a sketch that was drawn for the cover of the dinner program.

Arlett's association with Northeastern began in 1964, when he was hired to oversee the birth of a rowing program at the college. Before that, Arlett had been in charge of sculling programs at Harvard. He came to the United States in 1959, and served as freshman coach at Rutgers until 1962, when he took the Harvard job.

In the spring of '64, Arlett assembled a bunch of novice oarsmen, handed them some borrowed oars, loaded them into some borrowed shells, and shoved them off in front of a borrowed boathouse for their first row. Northeastern's crew program was off the ground. There were no races that spring, but enough of the oarsmen stuck with the program so that in the spring of 1965 there were Northeastern varsity, junior varsity and freshman eights. They enjoyed instant success, and by May were heading for Philadelphia to compete in the Dad Vail Regatta, the small college national championships. All three crews felt they had a chance to win. Those feelings proved to be right. All three eights won their final races, giving Northeastern a trio of national titles about a year after the first Husky crew rowed on the Charles. And what was even more remarkable was that all three crews were made up of oarsmen who were all essentially freshman, based on their experience.

From the Dad Vail, Arlett's first-year varsity went on to the

*"Somehow, this fall will
seem a little different"*

G. ERNEST ARLETT

photo: Jet



The G. Ernest Arlett Cup is presented to retiring Northeastern University Crew Coach Ernie Arlett by Bill Backman, the captain of Arlett's 1972 and 1973 Eastern Sprint championship crews. The Arlett Cup will be rowed for annually by Northeastern, M.I.T., and Boston University.

IRA in Syracuse, but they found the competition a little tougher there. Northeastern finished near the back of the pack in the 1965 edition of the IRA's old three-mile race.

But the first season wasn't over yet. Arlett loaded his boat, oars and varsity oarsmen aboard a plane and flew home to Henley, where Northeastern competed for the Thames Challenge Cup. The Huskies bowed to Cornell's lightweights in an early round, and the Big Red went on to win the event.

In 1966, Arlett moved his team into the big leagues, preferring to compete for the Eastern Sprints title instead of in the Dad Vail. His crews did respectably well the next few years,

although they were still a ways from winning the sprints. The highlight of those years came in the spring of 1967, when Northeastern's varsity led Harvard nearly all the way up the Charles in a one and three-quarter mile race. But a crab in the Northeastern shell with less than a quarter-mile to go cost the Huskies the race, and Harvard won by an eyelash.

During the next few years, Northeastern's fortunes went into somewhat of a decline, but the ever-optimistic Arlett continued to expand the college's rowing program, always keeping his sights set on a sprints title and a return to Henley. Improvements were made to the Huskies' boathouse, located at the Riverside Boat Club, and a rowing tank was built as part of a new athletic building on campus. New boats and oars were added, and a full-time rigger was employed. But still the big-league championship eluded Arlett.

But then, in the spring of 1972, Northeastern qualified for the finals at the Eastern Sprints on Worcester's Lake Quinsigamond, and went on to prove they could win the big one. The Huskies came from well behind in the last 500 meters to pass everyone and hand Arlett the title he wanted. His reward was a dunking in the lake during a victory celebration.

There were critics who said Northeastern's win was a fluke, that the Huskies had enjoyed a favored lane in the finals. But Arlett and his crew proved them wrong by returning to Worcester in 1973 to defend their title successfully, winning this time in a lane on the other side of the lake. Afterwards, Arlett went swimming again.

Because of those two Eastern Sprint victories, Arlett got to see a lot of his hometown in 1972 and '73. He took his crews to Henley both years to compete in the Grand Challenge Cup, but was disappointed twice when his eight lost to Russia's national eight in the finals. The 1973 Henley visit was bittersweet for Arlett, however, because before he watched his varsity lose to the Soviets, he had the pleasure of seeing another Northeastern shell — a four made up of alumni — capture the Prince Phillip Cup. The four set several course records which still stand, and they became the first and only American crew ever to win the event.

The alumni were members of the Northeastern University Rowing Association, a rowing club formed in the late 1960's at Arlett's suggestion. The group since has provided support for the college's rowing program as well as offering a place for graduates to continue rowing.

Arlett wasn't the only member of his family to become involved in rowing. His father, Jack Arlett, reigned for a number of years as one of England's better professional scullers, and his brother hauled boats and oars all over England for years for colleges and clubs from England and abroad.

Arlett's own career got under way after he graduated from the Henley British School and Henley Technical Institute. He rowed in professional regattas in London, Oxford, Reading and Henley, winning races in eights, fours, pairs and singles. From 1930 to 1939, Arlett was boathouse supervisor at the world-famous Leander Club, located near the Henley finish line.

Arlett officially began his coaching career at the National Provincial Bank Rowing Club, where he stayed from 1948 until 1957. During that time, he also coached Finland's 1948 Olympic crew, and John B. Kelly Jr., winner of the 1949 Diamond Sculls at Henley.

Now, after decades in coaching launches all over the world, Ernie Arlett has stepped ashore for the last time. Somehow, this fall will seem a little different. 



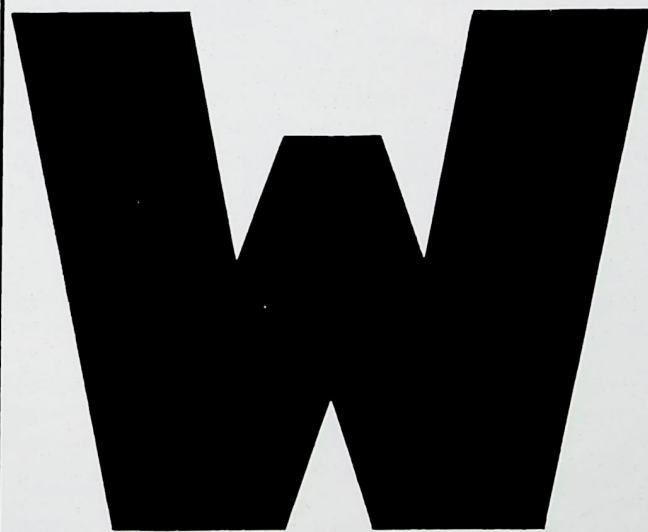
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WHERE THEY ROW THE UNIVERSITY OF WISCONSIN

MID-WEST INTERNATIONAL ROWING CENTER
Madison, Wisconsin

Sy Cromwell died on May second after a courageous fight with cancer. Sy died; but for those who attended him throughout his illness, and for many others who knew him, his dying was a victory over disease, pain, and every kind of human weakness.

Sy's cancer was diagnosed last August. Its prognosis was bleak, yet Sy immediately grasped its implications. He estimated his life expectancy and set about living the rest of his four score years in the months which remained. He married Gail Pierson, traveled and conceived a child while his health permitted, then returned to Cambridge to be among friends for the final stages of his cancer. During his last months, as the pain increased and his mobility was progressively restricted, Sy continued to live his life. His love of friends, his interest in their

lives, and his characteristic appreciation of the struggles of everyday living never abated. It was this courage to live life, without illusion, in the face of suffering and death which made Sy's dying a victory over those human weaknesses we all fear.

Sy died at 43 years of age. To some it may have seemed as though his life had just begun. But to those who knew him well, it was the end of a life already rich and full beyond measure. We only wished it would go on forever, or even just a little longer. During those last hours we gathered close around his bed, Gail holding Sy in her arms and we with our arms around Gail and Sy together. How strongly that noble heart pounded in those wasted limbs. Then, in an instant, life slipped through our grasp.

Rob Lea



THE OARSMAN INTERVIEW: SY CROMWELL

Lucerne, 1962.

Motivation and Commitment

The main motivation is success. Let's face it, if you're not successful, there's not much point to rowing seriously. I never won a major championship and of course that was the motivation [for me]. Two things were working on me. One was that I was a bit older without a formed career, and I felt the pressures from my family and outside sources that I ought to have a career. But on the other hand, I'd developed all this training and skill and I hated to just let it go. I was still at the international level so I said "Gee..you know, it's a great experience; to row competitively in a FISA regatta is a phenomenal experience." Those races are just etched in your mind, whether you win or lose, or what happens. I had this conflict, I ought to have a career, I'm over thirty, but then I finally realized, what the heck, rowing is just as important as a career. What's the difference if you're going to be a lawyer or whatever? Life is life, and you have a right to lead it the way you want. But I didn't really resolve that conflict until it was too late. I always compromised. I think [Ted] Nash said it in one of his articles that there's nothing wrong with absolutely dedicating yourself to it; if that's what you want to do, you should do it, and I think he's right.

I think that [because the conflict of commitment was never settled] it interfered with my performance. One of Don Spero's strengths was that he never questioned what he did. He was single-minded in his sculling, in his Ph.D. work, and now in his business. He's confident that what he's doing is right, and he pursues it until he sees that it's no longer fruitful. He did that with his sculling. A lot of people don't realize how many setbacks he had. In '65, to be clearly one of the best scullers in the world, and to be upset by Maher in the trials, and not to get to go to the worlds—it was shattering. He was just flying. And he lost by a foot or something. For a single sculler, it's just devastating. And yet the next year he came back and did it. He just said "Damn!" and then started again. He had just tremendous drive.

I do [regret not committing myself more to rowing]. My best years really were '61 and '62. '61 was my first year, and I didn't know how good I was. I won the Nationals. My goal was to win the Nationals, and I won easily. And then I went to Europe and got a bronze. I was flabbergasted. I said "How can I be that good? I'm just a normal college oarsmen!" And then the next year, I compromised and sailed on the Nefertiti, which definitely interfered with my training, and I came in third again, only four seconds behind Ivanov. I'm not saying I

(Cont'd on next page)

could have won, but I'd have been more successful if I'd committed myself totally. You do two things and you get half of each.

Inside me, I kept thinking I had to do something. I was a naval architect, and sailing the Nefertiti was a very important professional experience and I thought I've got to do something other than row. But, I'm glad I did it. It was a marvelous experience. I know Gregg Stone worries whether he should do more law work. I said "Look, Gregg, you're twenty-three years old. When you're old you can't do it. Do it. If you don't make it, quit. But do it. A year's nothing. When you're forty years old, it's nothing, when you look back. What we need is fathers to tell us, but we don't get the information early enough.

Rowing's definitely a selfish thing. An individual athlete has to be a selfish person, whereas a coach should be just the opposite, a giving person, because he's giving his experience to the other people so they can have their selfish—well, "selfish" is a harsh word—but it's their experience.

I think it's [rowing] just a life experience. It's exciting. Let's face it: most people live quite ordinary lives. We who rowed internationally did something that was extraordinary. I used to climb mountains. I think if I'd lived in an earlier age, I'd have been a serious mountain climber, but by the time I came of age, all the mountains had been climbed. The age of iron men was dead. I think it's the same motivation. In rowing you don't put your life on the line, but you put yourself in a very extreme physical situation. It's exciting. And the higher level you row at the more exciting it is. I think the way people should approach rowing is that when they go as freshmen they should take it as far as it will take them. Some people have a natural talent for it and some don't. When you find that you don't, I don't think there's much point in taking it very seriously. But if you've got it, do it.

The Eight Camp vs. Small Boat Rowing

When I look back on my rowing career, one of the things I enjoyed was the diversity. To form boats, whether it's a four or a pair, with friends, with clubmates, and make them go—it's a terrific thing. What Calvin Coffey did, that's something. That's marvelous. Or what Belden and Klecatsky did. They said "You're good, I'm good, let's get together, and off we go." I think we ought to encourage that, and then in 1978 or 1980, form the eight.

I think the eight camps have come a little bit to the end of the line. What the NAAO is doing this year is good, in having the small boats [trials] before the eights so that the small boats will be primary and the eight will presumably be hurting a little bit. But I think that's a good change. Maybe there'll be a four that breaks through.

Since '72 the talented rowers have been funneled through the camp, for obvious reasons: there's a good chance of success and it's something they're familiar with. But in a way I think it was short-sighted, because it's necessary to take the college base, which is our greatest strength in America, and have the individual oarsmen do something different—row in small boats, row in singles, so that each oarsman can be developed before we form the [camp] boats. All we've done is form an all-star boat by taking what is there. They'd been miraculous in '74 but they should have been in pairs or something in between, because they're obviously talented—people like Cashin and Norelius. The British actually improved their boat [by doing this].

In '68 we had the best scullers in the world: Dietz, Spero, Nunn, Maher, McKibbin, Van Blom, myself, Storm; or even in '66 we were dominant, with a gold in the single and a silver in the double. We've never come close to that since. Since the advent of the camp, we haven't produced one international sculler. Dietz is a left-over.



Prague, 1961, (L. to R.)
Czech Vladimar Anders
(2nd), Cromwell (3rd), USSR
Vyacheslav Ivanov (1st).

The English double are just good oarsmen who worked extremely hard. They're a wonder, and they've done very well. This year Gregg [Stone] and Tiff [Wood] are doing it. They're not quite at the top level of sweep oarsmen, they're what I call sub-camp level, but they're very good scullers. Our best scullers now, except for Dietz, are lightweights. Klecatsky, Belden, Van Dusen, are as good as anybody we have. People should be ten to twelve seconds faster, and they're not. But we have the depth to do it. I think that if we take the emphasis away [from the eight] it'll come back.

I was glad when I left college to get out of organized programs, and I don't understand why the guys tolerate it. The national camp is run by a very strong-minded coach, regardless of who he is. You'd think that the oarsmen would want to escape to form their own pairs. When I left college, after I was in the service, I first started rowing in a single, but I just couldn't see that in a year I'd be competitive, so I went into a pair, which was not too foreign. Of course, Conn Findlay * was there, and, ah [laughs]...in '60. I rowed with Charlie Grimes who was in the Yale '56 eight and very strong, but we didn't know what it was all about. We just didn't know what had to be done to make a pair go.

When I was sculling, I had a very intense period from '60 to '64. It was absolutely the center of my life. In a single, you're doing it all on your own—you think year-round about your program. I think all oarsmen should think about themselves and their training a lot. I had to integrate my rowing with my job in New York, and used to take my sweats to work to run home; everything was planned around my rowing. On the subway I used to play a game where I'd stand on one leg between stops, and I'd change legs. I don't know if it did any good, but I developed sort of a total mental attitude towards my training. I get the feeling that very few oarsmen training, or in the camp, even in the Vesper program, do that. You see an awful lot of people, very talented, who go many months without training. I don't think you can do that. I used to feel that if I went to bed without some form of reasonable training six days a week, I'd done something wrong. I don't think they have that attitude, because a lot of them train only under supervision. In a single the motivation is so great because if you're not up to par you're not going to do well, whereas in the eight if you have a reputation and you're good, you're going to make the boat. And that's that.

Coaching and Technique

The most important job a coach can do is coach freshmen. I'm convinced of that. The guys must get the right start, which I did under Pete Gardner—he taught me to row my freshman year, and I never changed. I rowed the single exactly the same, long, straight-arm catch—nothing changed.

The only difference is that we were quicker out of bow. At a racing beat that doesn't show up very much. The East Germans went to the Ratzeburg extreme, and they've come the full circle and now row normally, you know, long—you look at a picture of Coffey racing the Landvoights [East German coxless pair]; those Landvoights just reach way out, almost like Findlay, long. There's no gimmick. I think it works well with all boats. Harry [Parker's] boats row long, get on the catch end. For the women, because they are physiologically different, and the race is shorter, there's something to be said for rowing higher because to row long you've got to be

strong and they just don't have the power. But they can develop the wind. Although I think [Tom] McKibbin's* extreme, I think that's one reason he's been successful.

I don't like authoritarian coaches, and yet ironically the ones who are successful are pretty authoritarian. It's sort of too bad, but that's the way it is. They just lay down the law. And it works. I don't particularly like it. The more democratic coaches are more enjoyable, but they do less well.

[Regarding the '76 Men's Olympic eight] my feeling is that the Olympic Committee should have stepped in, that they have the ultimate responsibility—the coach is merely a hired person—and that when they see something going wrong, they should step in and do something. What they should do depends on the situation. But they felt that once the coach is hired he has a right to be totally independent. But I'm not so sure. Always, we have to remember that the sport is for fun, not in the normal fun and games sense, but it should be a good experience for oarsmen, and it shouldn't just be the coach's honor about winning. It should be the oarsman's honor. I think they forget that.

I do think the NAAO has done some very bad things, but I think the way you deal with them is not brutally, but fatherly. You've got to direct them, somehow, because one thing about the NAAO, there are men there who do give a great deal of time, and they ought to be recognized.

Money

Coaches should be hired if there's money, but you're going to have to get hundreds of thousands of dollars. I'm an amateur at heart and I feel that it's quite an honor to coach a national team, and that should replace the money. If you are a professional coach, presumably you're a head coach, and you've earned enough to live on and you've just decided you want to do this.

Money is something the oarsmen don't think of, where it's coming from. I think it's essential that we have some reliable source of money without any strings attached.

One of the reasons I was able to row as much as I did was that I did have a little money, which I feel a bit guilty about. That's why I feel the National Rowing Foundation is so important; when I won the national championship in 1961 I was able to go to Europe with no problem. A lot of good oarsmen couldn't do that, and it's just not right. If an oarsman is of international caliber he should not be denied the opportunity to fulfill his potential. And that, in my mind, was the original concept of the NRF, but they've started to get into the big programs. I've always thought that they should focus more on the small boats, that the big boats usually had organizations behind them, and that when you get a good pair like the Hough and Johnson pair, they should go *immediately* to Europe. Money should not stand in their way.

The trouble is that everyone's a volunteer, and volunteers aren't under any obligation to do anything. But when you start paying referees and coaches . . . we just don't have that kind of money. We have to depend on amateurs.

Training for 1976, age 42

It was partly that Gail was training that I was back into it. Also there were seven or eight scullers, and I knew that after (Jim) Dietz, they weren't international scullers. I had a couple of good pieces in the fall and then they had these trial races and I did very well. Judging from the way I was moving in

(Cont'd on next page)

*Editor's Note: Con Findlay won the Olympic gold in '56 and '64, the bronze in '60, all in the coxless pair.

*Ed.'s Note: Tom McKibbin coached Long Beach R.A. scullers the 1976 women's Olympic quad.

November, I think I could have made it, and then, it was partly my sickness, I think, I tailed off a little bit in the spring. It began to hit me very slowly. My erg scores went down. I did a 3575 on the erg at the national team weight, you know, and that's good. I said "That's as good as the guys on the team." I had raced in these 1,000m races and the only person who'd beaten me was Belden. I'd beaten Cortes and the others and so I thought I had a chance. Then, when I got to the trials and I was a little slower, it was close and I realized that I shouldn't be in the boat (quad). If I wasn't going to help it I didn't want to be in the boat because I thought that at my age it wasn't fair, that to be a liability was wrong. I worried about that.

Actually, I first sensed that something was wrong around February when my erg scores went down and I seemed not to recover from the pieces. I still had pretty good pieces. I expected, of course, that they'd go up because I hadn't rowed the erg that much before, but they just didn't.

I didn't know what it was. And then when I got to rowing, training with Gregg Stone and Ted Van Dusen, who I'd always been just a little bit better than, just a little—I certainly had more speed—all of a sudden, I just couldn't hang on to 'em. We had a bunch of races up here in which I'd hang with them for three or four hundred meters, and they'd move out. I had

to settle back. I just couldn't figure it out. Then I seemed to go along, went down to the trials—I had a couple of races, with tailwinds where my technique and experience paid off. I beat Ted and Gregg in one of them and won another heat; my endurance was good. But in a headwind I was hopeless. Well, I was never strong in a headwind, actually, but I could just tell. If I hadn't been rowing I wouldn't have known it, but rowing, particularly in a single, is a very good measure. You can sense the tiniest weaknesses. And then a month after the trials I got the secondary tumor and it was all over.

When it happened . . . it was obviously just unbelievable. I mean you just can't conceive what it's like, to get that kind of information. I didn't feel *that* bad for normal living. I'd had stomach trouble for a couple of years, but I was able to live with it . . . and as they say, you know, you're dead. Six months to a year, year and a half, they weren't sure how long. It had already metastasized. It was like a death certificate, no search of appeal and no hope whatsoever. I do take treatments, but I'm not sure they've worked. They haven't been negative, I know that, which is good, I guess. These are very drastic, because you take these very strong poisons. But it's a strange thing . . . the first thing that happens to you once you've — you know, you cry for a week and they you start to think, and the first thing that happens is . . . you don't worry about anything else. All of us worry about stupid things; about our jobs and our girlfriends and money and rowing success and mild sickness and so forth. But when you get something like this, you feel you're almost elevated above the rest of society, that you're into something that puts you almost above them and it's a very strange . . . I mean, it's extraordinary, but it's almost been the best year of my life. I guess you no longer worry. The next thing that happens is that you begin to live through others. Since you can no longer do much, you really become very unselfish. In some ways you're selfish because you need help for a lot of things, but you start to live through your friends.

It's funny, but in some ways I take pride that of my school-boys who I coached while I was at Groton, five are in the Harvard program, doing well. One of the reasons I want to make it through, as long as I can, is to see how they do. It's funny. In a way I take pride in the fact that we have five people there, but on the other hand, we ought to be a little ashamed that we didn't do a little better when we had them at Groton (laughs). The one I really feel good about is Gus Stewart, who never rowed at all at Groton. He was so bad he was embarrassed to row with the little boys. The sculling (at Harvard) has helped him. He knows his limits as a sculler, but he hasn't done badly. I mean, this year at the Head (of the Charles) he was third in the intermediate, and that's good for an undergraduate oarsman. He used my boat, which was nice.

Speaking at the NAAO Dinner, 1977

I've never had any experience public speaking, and like most people I'm very shy. It's the first speech I've ever made. One of the reasons I was able to do it was this same thing, that when you're in my situation, you no longer worry. You're dealing with something so much bigger that you have no sense of failure, awkwardness — I hadn't practiced it, though I'd thought about it, and changed some things with Gail — I trotted out there and looked over the crowd, and I felt completely at home. I just spoke. I know that two years ago I couldn't have done it, I'd have clutched. But I realized it was going well. There was just nothing to it, it was amazing . . . I couldn't believe it. I just sat down and said, "Well, I did it."



Sy receiving F.I.S.A. medal from Thomas Keller.

Racing

From basic applied physiology (Astrand 1970; Thomas 1975) we know that in carrying out a highly demanding athletic task, a body needs a certain quantity of oxygen that reaches its maximum at the very start of the task. This does not, however, apply to the actual intake of oxygen which is lagging because of

The Big Strategy

Michael Porter

Harvard Business School Press

13

These oxygen reserves are commonly known as the anaerobic capacity of athletes.

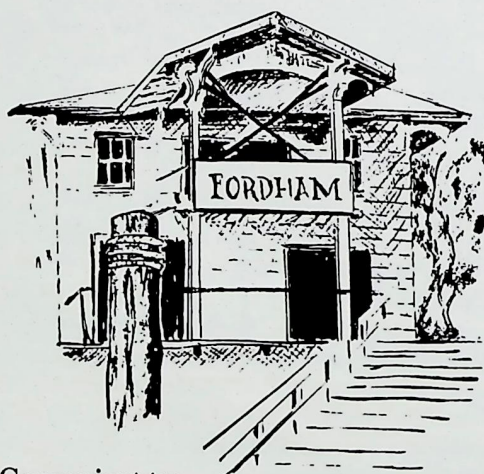
4. For high quality sustained work, maximum capacity for oxygen intake, commonly referred to as aerobic capacity, is of supreme importance. In sustained effort, a steady state between dissimilation and assimilation processes must be reached. The oxygen requirement must not be greater than the simultaneous oxygen intake capacity. Elite oarsmen usually possess an aerobic capacity of 5.5 liters per minute and upward (Nowacki 1971).

5. The anaerobic capacity is of decisive importance for efforts of relatively short duration, i.e., up to 2 or possibly 3 minutes (Mathews and Fox 1971). Aerobic capacity, on the other hand, gains in importance as the duration of the effort lengthens past 2 minutes.

The above information, although somewhat simplified, can be extremely useful when preparing a winning strategy. It tells us that if an oarsman, 1) is starting his rowing race too fast, or 2) is trying to maintain too fast a speed throughout the race, or 3) begins his final sprint too soon, or 4) is unduly sprinting during the race, lactic acid will accumulate to very high levels and the glycogen stores will be depleted early in the race since, as the intensity of the exercise increases, so does the amount of energy required from the anaerobic capacity. Consequently, the race may be lost owing to an early onset of fatigue.

The well-informed coach or athlete would never let this happen. Instead, from the physiological standpoint, he would advocate that the rower maintain a steady, but sufficient, pace throughout most of the race and then finish with an all-out effort. In other words, the fatigue due to lactic acid caused by too high an oxygen debt should be delayed until the end of the race.

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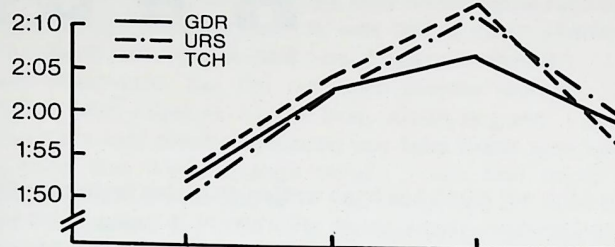
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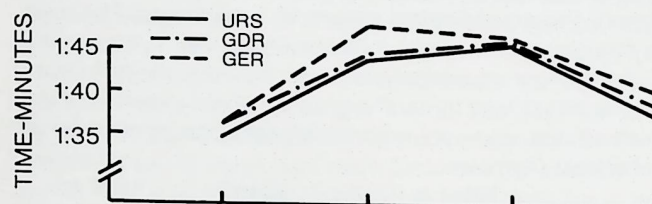
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An oarsman selecting an "even speed" strategy is producing an early oxygen debt, too. He is, however, able to control his speed early in the race so that his later effort will require only slightly more oxygen than he can bring to his muscles via aerobic means so that he draws very little from his anaerobic store. Thus oxygen supply and energy output are balanced. Only in the final portion of the course does this oarsman make use of the last remnants of energy to reach the maximum possible oxygen debt by increasing speed to the maximum. By economically distributing his energies throughout the race, this oarsman has, by even pacing, obtained his best performance.

PAIRS WITH COX



FOURS WITH COX



EIGHTS WITH COX

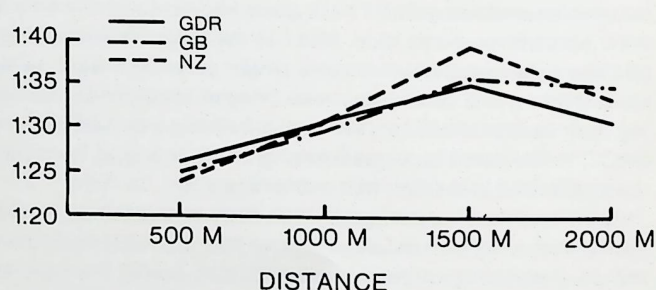


DIAGRAM 1: Speed curves based on average 500m times of Olympic medal winning crews in three events.

An "even pace" strategy, although the most economical from a physiological point of view, places great psychological demands on some oarsmen. It requires that the crew start cautiously and proceed with a speed that is normally slower than the speed of the opposition. Inevitably, this crew will immediately fall back and row in one of the last places early in the race, which is psychologically very demanding. Furthermore, the crew has very little control over the opponents and other aspects of the race. Therefore it is not surprising that almost all crews select a strategy to get them an early lead. Since starting a race at a very high rate is physiologically *too* demanding, they inevitably *must* slow down in the second 500 m and row even slower in the third 500 m. Their speed may increase slightly in the last 500 m depending on the crew's conditioning and

rate of exhaustion when approaching the final stretch. However the speed in the last 500 m of crews rowing this strategy almost never increases substantially. This classical approach to racing is well demonstrated in Diagram 1 where speed curves of medal winning eights, coxed pairs and coxed fours are shown.

On the other hand, a crew using an "even pace" strategy can expect to row in last place in the first half of the race, but then, by maintaining an even, sufficient speed, gradually close the gap and catch other crews. From the last place early in the race, this crew will row through its opposition in the second half of the race, providing it has other ingredients like good oarsmanship, excellent conditioning, and good equipment. Overtaking the opponents one by one is in itself boosting for the crew's morale and is psychologically devastating for the tiring opposition who are desperately trying to hold onto the lead, but in vain. This was well demonstrated in the men's Olympic sculling race where there was, prior to the finals, only one real favorite, Michael Kolbe, the world champion from West Germany. The gold medal was not awarded to Kolbe but to the smartest sculler on the Montreal Olympic course.

Gold to the Smartest Sculler

It is interesting to note that no one paid any attention to the Finnish sculler Pertti Karppinen until he started to move from fifth place at the half-way mark in the finals of the Olympic competition, to fourth, then to third, then second place with 500 m left in the race. In the third 500 m, Karppinen managed to overtake from his fifth position one opponent after another except the leader, Kolbe from West Germany, by simply rowing at a masterfully steady pace. His times for the first three 500's show little variation: 1:53.01; 1:53.22; 1:54.44. Going into the last 500, Karppinen's energy reserves weren't depleted yet. After passing three scullers he had never managed to beat before, his fighting spirit was at its highest. He started to pour it on and went after Kolbe who was still comfortably leading by a couple of lengths. Karppinen went faster by the stroke and with 150 m to go, he lined up his bow with Kolbe's stern. With a fantastic finish, he beat the tiring and unsuspecting world champion Kolbe for the first time in his life.

Before the Montreal Olympics, Pertti Karppinen was little known. His Olympic gold medal, however, does not reflect the meteoric rise of a young and very talented sculler in international competition—similar to Ivanov from the USSR in 1956. The first time Karppinen represented Finland at a FISA championship was in Moscow in 1973 where he won the small final at the European championships. At the Lucerne world championships in 1974 he finished last in the finals. In Nottingham, a year later, he moved up to fourth place among the best scullers of the world. Karppinen's rise in international sculling has been slow but steady.

At 202 m, Karppinen is a big man. He is also a big competitor with iron nerves and strong psychology. He knew what he wanted—the Olympic gold medal. He knew how to get it in difficult weather conditions and under the tremendous pressure of Olympic competition against great scullers from big countries whom he never managed to conquer. By holding back early in the race (in comparison to other finalists), he was rowing with Ibarra, the Argentinian, in last place. At the 500 m Kolbe had over two lengths lead on him and Dreifke from GDR over a boat-length. At the 1000 m mark Kolbe was leading the fifth-placed Karppinen by over three lengths. However, soon after the half-way mark, overexhaustion started to catch up with Dovgan (USSR), Drea (Ireland), and Dreifke (GDR) who all began to pay their toll for the great speed they had selected early in the race. Karppinen passed them all before 1500 (see

speed curves of these scullers in Diagram 2). Kolbe was still in front, leading by a couple of lengths. However, Kolbe himself wasn't comfortable any more. He was already slowing down

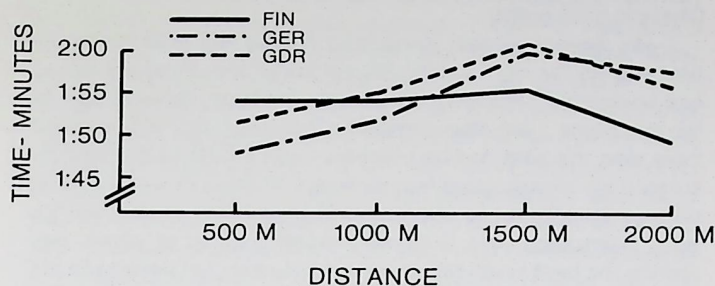


DIAGRAM 2: Speed curves based on average 500m times of Olympic medal winning scullers.

from his early pace. His third 500 (1:59) was nine seconds slower than his second 500 (1:50) and twelve seconds slower than his first (1:47; see Diagram 2). The exhaustion due to an early fast pace had caught up with him. All he could do in the final 500 was maintain the relatively slow speed from his third 500 (1:56).

On the contrary, Karppinen's 1st three 500's were raced conservatively by maintaining a constant speed (slowing down only slightly in the third 500). This speed was fast enough to take him from fifth place early in the race to the second position at 1500 m. By rowing the last 500 almost 6 seconds faster than the previous three, he managed to close the two lengths gap between himself and Kolbe, just in front of the grandstands. With a few powerful strokes he overpowered Kolbe, who was not only completely exhausted, but also broken in spirit because he was taken completely by surprise, just before the finish line. Kolbe had expected the real threat to come from Kreifke who was the only sculler who managed to beat him in the summer of 1976 prior to the Olympics. Kolbe never thought much about Karppinen, whom he had beaten on so many occasions in the previous two years.

In Diagram 3, speed curves of all four Karppinen races at the Montreal Olympics are shown. These curves demonstrate clearly that Karppinen tested out two different race strategies

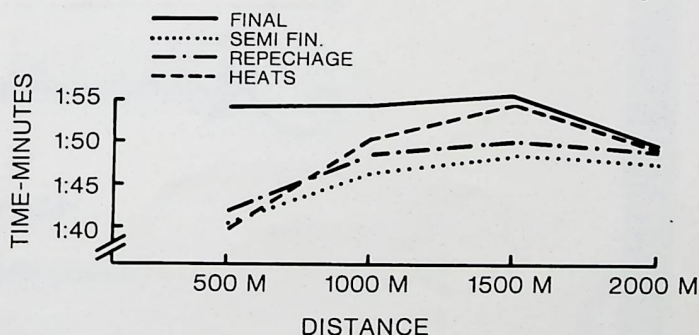


DIAGRAM 3: Karppinen's speed curves based on average 500m in Olympic competition.

before the finals. In heats he rowed a classical race with a very fast first 500 (1:40), a much slower second 500 (1:50), and even slower third 500 (1:54) and somewhat fast last 500 (1:49). In this race, he finished fourth behind Kolbe, Drea and Dreifke. He won the repechage against inferior scullers. For this race, he changed the strategy. He covered the first 500 relatively fast, but not too hastily (1:41) and proceeded to an even speed that was only about 6.5 seconds slower throughout the race (1:48; 1:50; 1:48). This strategy was repeated in the semi-finals

(Cont'd on next page)

against tougher opponents (see Diagram 3). He finished third behind Drea and Dovgan. A complete reversion of this strategy coupled with an accurate selection of the highest possible speed for the entire distance in the finals earned Karppinen an Olympic gold medal.

I am convinced that Karppinen earned his gold medal by first setting the right psychological stage in preliminary racing and second by rowing by the book in the final, decisive race of the Olympics. I am also convinced, however, that Kolbe could have won the gold had he used his head a little better by consuming his energy more economically in adverse weather conditions. This is not to say that Karppinen did not deserve the gold. Karppinen was a good enough sculler to place well among the best scullers in the world. He may not have been the most talented sculler, but he certainly was the smartest. The two characteristics together made him a worthy recipient of the gold medal.

Conclusion

The physiological nature of racing as discussed in these notes *must* be taken into account by every serious coach and crew when preparing a race strategy. This would equally apply to all rowing events, although it should particularly be stressed in singles and coxed pairs, the two slowest events. The best times achieved in these two events are normally over seven minutes. Furthermore, in adverse weather conditions when head winds prevail, the times in these two events are affected most. Therefore, smart racing in singles and pairs, particularly in head winds when times are expected to be considerably slower than normal, would have to take into account physiological aspects of racing as discussed above even more seriously.

Level of competition might be yet another important factor affecting the selection of a racing strategy. The higher the level of competition, the more physiological principles of racing should be followed. However, it is important that the crew choosing an "even pace" strategy knows its physical capabilities perfectly. The crew must be able to select the right pace depending upon various weather conditions. Furthermore, this crew must show good sprinting abilities in the last stretch of the race.

Insofar as physiological limit is involved in setting records, a steady pace will result in a faster record time in endurance events. This has been proven over and over in swimming and track and field. And yet in competition, the physiological requirements for the fastest time must often be modified to suit the psychological means of winning races. Psychological aspects of racing will be discussed in another paper. 

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A Review from



of...

by Gordon Scott

I was lucky enough to have spent the pre-Olympic summer rowing for the Avon Rowing Club in Christchurch, New Zealand, coached by Fred Strachan. While I was there, I learned a lot of interesting things about a sport called "rowing" which is hardly in evidence in the United States. Back in the fifties, Don Rowlands, now president of the NZARA, came to the USA and spoke and observed with many coaches. His specific purpose was to gain information from the world's greatest rowing power to take back and infuse into the 65 year old sport in his homeland. Since then it has blossomed and since entering Olympic competition in 1968, New Zealand has compiled an enviable record of eight finalists with only eight entries — including one bronze medal, one silver medal, and two gold medals. Rowing has joined running to be New Zealand's second sport to achieve Olympic gold medals. One naturally wonders how a country with only 3 million people (1% of our own) achieves such a superiority in such a team sport.

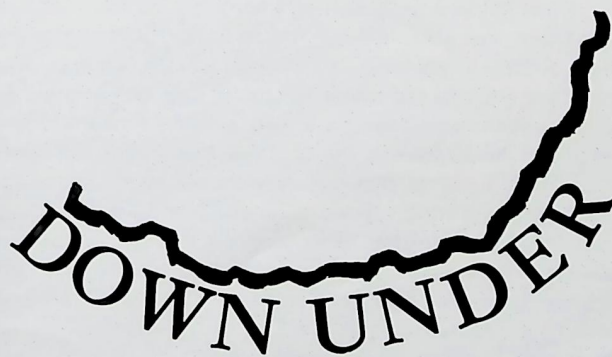
The New Zealand Amateur Rowing Association is the nation's rowing governing body and sanctions rowing clubs throughout the country. The clubs spread the grass roots of the sport and are obviously the most important element for the survival of rowing. Most clubs have good facilities. (Although I was shocked to learn that no clubs have launching docks and one launches a boat by walking into the river or lake. Pollution is at a minimum or non-existent.) These clubs are very strong socially and in the club lounges there are usually weekly or biweekly meetings where all levels of oarsmen, coaches, ex-oarsmen, and other supporters gather and have a bloody good time drinking beer. All the club business meetings are here also, followed by a few beers. But the club often does other things. For instance the Avon Rowing Club runs a weekly housie (like bingo) and ran a big raffle around Christmas-time to raise money for equipment. And you can always find a good number of club members at the favored pub on Friday. All of these things engender support within the club, since everyone is more than just a rowing buddy, which makes the rowing much more pleasant (although some oarsmen do let the partying play a greater role than the rowing).

Clubs hold a large pool of oarsmen. In the 1976 New Zealand Championships, 46 clubs entered more than 1000 men into 26 events. These oarsmen (and many others not entered) are divided into five classes: Senior, Junior, Maiden, Novice, and Youth. A Youth oarsman is under 18 years of age, and a Novice is an oarsman in his first year of instruction. After passing through these classifications an oarsman is a maiden (how embarrassing!). But from here on is where this classification system differs from that of the NAAO. As soon as a Maiden wins a Junior status race, he becomes a Junior. And as soon as any oarsman wins a Senior status race, he is a Senior. At no time may one race below his class. However a man could win a Maiden or Junior status race several years in a row (usually entering in the class above his also until he wins). This creates a bottom-heavy iceberg of oarsmen — with many Maidens, not too many Juniors, and few Seniors. In the US when one wins a status race in a certain class, he cannot race again in that class but becomes a member of the next higher class. This is a top-heavy iceberg (not very stable) with very many Elite class oarsmen, and a fair number of Seniors and Juniors. Doing some unadvanced calculations through these long Alaskan nights, I came up with the observation that for a normally advancing oarsman with good potential, there will be more victories and close races in his development career in New Zealand than for the same person in the US. I've always claimed that psychology is for psychologists; but tackle that one.

There is some rowing in New Zealand aside from the clubs. The universities have teams and have a championship, but this is more of a short-term, light-hearted affair and the teams are usually thrown together with various club-members. The universities in New Zealand are for gaining an education, very unlike their US counterparts. Rowing is fairly strong in the "colleges" (much the same as our high schools). They often start rowing before age 15 and train quite regularly. Most of the universities and colleges use club boats and facilities.

There is one thing that is common between all the club,
(Cont'd on next page)

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university, and college crews of New Zealand, and that is style, a major accomplishment of great benefit to the formation of a national team. In the recent past, twice a year, Rusty Robertson (the national coach) conducts a week-long, on-and-off-the-water seminar on rowing. The clubs may send a coach, oarsman, or coxswain to gain knowledge about the style and how to teach it, allowing constant input to the clubs. Before I go on towards the coaching and training of the oarsmen, I would like to now define this style, comparing it to the one most common to the US (pre-Rosenberg).

at all times, the workouts are physically demanding, and toward the buildup towards the big race, after each row, crews either lift weights or do windsprints. Once a week there is a hard gym session of sprints and exercises, while pressure work during the row increases and intensifies. However that does not mean that they go out and do 1000 hard strokes — or even 600. During the five months that I rowed in New Zealand, we never did more than 400 hard strokes in a workout or more than 650 in a single day. These are quality strokes, instead of the desperately hanging-on quantity that

New Zealand

Set the oar in the water

Legs increase pressure with back and arms kicking in when the boat speed responds. wrists arched to keep oar well buried with full power squeeze right to the finish (little layback)

Push quickly down with outside hand; feather with inside hand

Hands fast away; when they straighten, they draw the shoulders and the pivot begins. Then the steady slide begins and by 3/4 slide the pivot is complete, with the body poised for the catch.

catch

drive

dropout

recovery

USA

Drive the oar into the water

Legs and back explosion till expended. Arms follow through with flat wrists while oar unbends itself (whips)

Push down with outside hand; feather with inside hand

Hands fast away usually followed by a distinct pause. Then the shoulders start the body pivot. The pivot is complete soon after the slide is begun

Since there is only one style, the coaches of New Zealand club crews have a relatively simple job. They just go out and teach it, without worrying about whether it is right or wrong, fast or slow. In the pre-season and early half of the summer the oarsmen do very little pressure work, concentrating entirely on the style and techniques of the stroke. The oarsmen are encouraged to row in small boats and to scull as much as possible to develop a fine sense of balance and technique, even as late as the first few weeks on the water when, at Avon Rowing Club, all the oarsmen mix and row together: Seniors through Novices. These first two months of the summer are a relaxing part of the training, much more enjoyable than the normal US off-season when the style is hammered into the oarsman's head and the weeding out process is already in full swing.

During this early season there is only a bit of running to supplement the rowing, so there is very little beside daily exercises and the row. But in New Zealand a 10 mile row is not a 10 mile paddle. Because they row at least half pressure

the US oarsman is forced to endure.

Most clubs practice twice daily on weekends and once in the evening of the weekdays. The most welcome day in New Zealand is Friday when the working people and oarsmen can be found in the pubs celebrating the end of another week of work. (Almost everybody in New Zealand is in the working class, and every Friday is like a Fourth of July!) To a great extent this is true even during the busy racing season when regattas are spaced throughout the summer and well attended by the clubs. In ten regattas or single race weekends, I went to the line 26 times and I was one of the least raced members of the club (Athol Earl and Trevor Coker, '72 Gold Medalists, never had a minute off on regatta days as they would race eights, fours, pairs, doubles, and singles, usually without loss.) Because the first three places in each event in all regattas win money for their clubs, there is an incentive to enter as many events as possible! The oarsman never sees this donation money, except as traveling or equipment funds, for example.

During the summer season, many oarsmen have two goals in mind: first a New Zealand Championship Title and then a seat on the renowned New Zealand National Team. They must submit nominations to the three-man Board of Selectors: Fred Strachan — Governor, Don Rowlands — NZARA President, and Rusty Robertson — National Coach. During the New Zealand Champs, these three watch the nominated oarsmen under fire in severe competition when they are at their best shape. They watch the heats, repechages, and finals, taking notes on style, endurance, racing savvy, etc., then get together and invite the best oarsmen to the team trials two weeks later. At the trials there are three major elements: an ergometer test which weighs quite heavily; 2 or 3 days rowing in eights in various combinations, doing many 40-stroke pieces (from what I heard this is the hardest workout of the year); and an interview with a psychologist and the selectors to determine the mental factors such as compatibility and coachability necessary for a New Zealand Team because members spend long periods of time away from home, jobs, and families during trips to the Northern Hemisphere. At the end of the trials the New Zealand Team is announced seat for seat, as many boats as thought to have medalist potential. The team has time to train down for endurance before going overseas and pressing for speed.

The pool of oarsmen that applies for the New Zealand Trials is quite diverse, but the good oarsmen make themselves evident at the New Zealand Champs. In most of the 1976 events, first place was closely contested by 2 or 3 boats with a large stretch of open water to the rest of the field. Most impressive was the eight-oared final in which Avon Rowing

Club led its two closest rivals across the line with all three eights well under 6 minutes in a good headwind on the 1978 World Championships course at Lake Karapiro. It is this competition, despite little depth at the top, which has produced New Zealand's excellent overseas teams.

Much of the money for the overseas tours was raised by the country's oarsmen, who sold tickets for a large national "Hold the Gold" raffle to support the 1976 Olympic Team. Private donations and Rothman's Cultural and Sports Foundation supplied the rest. Rothman's, a tobacco company, was a major financial asset to New Zealand rowing and other sports. (I say "was" because they have now discontinued this philanthropy.) They gave the donation money for the New Zealand Champs and they have also paid the salary of Rusty Robertson. I have heard that Rusty has left to coach in Australia. He is held in high esteem around the world for his coaching ability and hopefully New Zealand can retain the momentum it has in rowing.

With such a sensible system of organization and training, it should be hard for them to slow down. I think that New Zealand is a model which now the US should look at to bolster its struggling rowing fortunes, but the sacrifices of the country's individual oarsmen and the nation's all-out infatuation with sports and outdoor pursuits are their greatest assets. The oarsmen are simple people coming from the farms and the working class (no Harvard degrees), and they do not have to live a vagabond's life in order to pursue their goals. They retain the relaxed, healthy, and sensitive Kiwi way of life while they enjoy their rowing.

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COACHING: THE BIGGEST PROBLEM



by Emory W. Clark

A lot of words have been written about what is wrong with rowing. The President's Commission on Olympic Sports, observing the American performance in Montreal, wrote the sport off without a blush: "At present, American rowing lacks the comprehensive development program as well as the manpower, financing and technical knowledge necessary to compete effectively internationally." (*Final Report, Vol. II, P. 147*)

The Budd/Wolf report to the NAAO played pretty much the same tune but was a bit more tactful: "The 1976 Olympic results were very disappointing in many of the men's events and the results seemed symptomatic of greater weaknesses, problems within our sport, not only on the elite level but running right through our sport..." (*A Report To the NAAO Board of Directors, P. 1*)

When one sifts, gentle readers, through the thousands of words, as your conscientious reporter has thoughtfully done for you, the problems seem to resolve themselves into three main categories: financing, or the lack thereof; coaching, or the lack thereof; and leadership/organization, or the lack thereof.

Strangely enough, no one seems to feel there is a lack of potentially qualified oarsmen and oarswomen. The raw materials for a sound national rowing program are surely available, and eager—if this listener's soundings are accurate—when and if the rest of rowing's house is put in order.

While it is difficult to rank the three problem areas in order of priority or indeed to consider them separately, there have been occasions in the past when financing and organization have taken care of themselves if a qualified coach was available. When Budd/Wolf asked some 81 recent members of U.S. national teams to list what they considered to be the major weaknesses in U.S. rowing, the lack of top level coaches ranked first. The President's Commission on Olympic Sports apparently arrived at the same conclusion, stating, "Coaches in beginning programs lack training in technical aspects of rowing and there is no system to train and certify them." (*Final Report, Vol. II, P. 147*)

There is without question a dearth of qualified rowing coaches in America at every level. Two men have coached our Olympic eights in the last four games. These same two have coached seven of our national eights in the last 12 years.

The majority of coaches are former competitors who are largely self-taught. This is commendable and many do representative jobs, but when one considers the number of things that will make a boat go slow, one shudders at the thought of the potential rowing hearts broken and oarsmen lost due to coaching ignorance.

Your reporter has regaled you in the past with stories of the coach in Hawaii who had his coxed four drag rubber tires in the water behind it on the theory that when the tires were removed the boat would fly. One could hardly blame the members of that crew for opting for the surfing team after a week of zero spacing.

There is a good deal more sophistication at the grass roots level than that unfortunate example, but the need for technical training is nonetheless undeniable. As the most amateur of coaches, your reticent reporter confesses his total lack of rigging knowledge and recalls how grateful he was to find he was dealing with Pocock shells built in the '50s so that no rigging expertise was required. A shim here and there seemed to do the trick, and lack of options for experimentation was stoically accepted. That his crew beat the poor fellows who had to haul the tires was not a very bright feather in your humble reporter's coaching cap.

One of the roots of the coaching problems lies in the lack of cooperation and in the competition between coaches. Understandable, perhaps. After all, why should Vesper's Dietrich Rose teach Dick Bell of the Detroit Boat Club how to beat him in the Nationals? Or why should a college coach suggest that his varsity oarsmen train with someone else in the summer or attend a national camp? Nonetheless, if the coaching problem is to be solved, cooperation must be had and knowledge shared. Those with the technical sophistication in the sport to teach others must be prevailed upon to do so. For despite the

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IMPORTANT ANNOUNCEMENT:

On or about August 1st, 1977 official Entry Forms will be mailed to all organizations which are members of the NAAO, the NWRA, or the CARA. Two weeks before that mailing, a special *non-transferable* "early" entry form will be mailed to each individual who finished among the top fifteen places in a single sculling event in last year's Regatta and to each organization which finished among the top fifteen places in a crew event. These "early" entry forms can be used only for the same event as last year, except in the case of a single sculler who is no longer eligible to repeat the event. Addresses for the mailing of the "early" entry forms will be taken directly from last year's entries. Addresses for the "main" mailing on August 1st will be taken from the records of the NAAO, the NWRA, and the CARA unless a new address is received by the Regatta Committee before July 1st.

N.B.: See information on page 5 regarding new definition of "Youth Eights" and new "Masters' Singles" Event, plus new restrictions on last year's Intermediate medal winners.

jealousies and rivalries up and down the east coast or between east and west, once one is removed from the main rowing centers, one finds the thirst for rowing knowledge unquenchable. Interest in the political squabbles and personal feuds that abound in these centers is not at all.

Another of the roots of the coaching problem is at the NAAO or national level where there are no coaches training programs. The Budd/Wolf Report recommends a national program for training coaches and one would hope that a blueprint for such a program is presently on the NAAO drawing board.

Certainly clinics could be scheduled throughout the country in conjunction with regularly held cup races and regattas. Films could be shown, techniques analyzed, equipment displayed, training methods and rigging explained. Attendance fees could be charged to help defray NAAO expenses and pay the person conducting the clinic. Anyone wanting coaching information should be able to apply to the NAAO for a comprehensive set of materials. A national technical director, if one is appointed, cannot do it all. The NAAO must initiate and fund (another problem) a coordinated program for training coaches at every level. 

WHAT ABOUT ROSENBERG?

(by Emory Clark)

On the subject of qualified international coaches and the lack thereof, what about Rosenberg? In the last 12 years Al has coached five American eights accounting for two golds and a bronze. Between them, Al and Harry Parker have coached each of our last four Olympic eights. No American coach has had more international experience whether it be in the Pan Ams, the Macabean games, the Europeans, on State Department trips, or at Henley, and his crews have won countless national championships. Few foreign coaches can match his record. Members of his crews, even some from his '76 boat, the longest American eight ever in the Olympics, will attest to his genius on the water.

Are we then, while bemoaning our dearth of international caliber coaches, to turn our backs on that genius? Is the little giant of 1974, who picked American rowing prestige out of the doldrums, once again to be allowed to fade into obscurity?

Talking with Al recently, he reported no one in the American rowing hierarchy had contacted him or asked his assistance in training national teams. He said, at 45 years old, he felt his days as an active rowing coach were over. Al did hold a clinic for Ontario coaches in Toronto this March, for which several American coaches slipped across the border. Are we so rich in coaching talent that we can afford to ship this man elsewhere?

Sure, Al Rosenberg can be arrogant, unforgiving and demanding. These things are well-known to the rowing bigwigs and do not, with the proper support, need to dilute his coaching talent. Sure, Al Rosenberg is a prima donna, at times a poor administrator, a procrastinator. Gauguin was no doubt all these things but the world of art is nonetheless richer for his genius. The genius of a rowing coach is not quite so enduring—except perhaps in the hearts and memories of his oarsmen.

To your sometimes biased reporter, Al Rosenberg has always seemed a potential tragedy in search of a time and a place. Some would argue the time and place was last summer in Montreal. I say the tragedy is now if the American rowing world turns its back on this little man who has meant so much to it.

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REGATTA REVIEW

Newport, Cal/Washington and Pac-8 by Kent Fleming

The annual **Newport Regatta** was as usual a very well organized and festive event (Dixieland Band, balloons, etc.). Before the emergence of the San Diego Crew Classic, Newport was also one of the more important races of the West Coast season before the Sprints. However, it is now somewhat redundant in that all the participants (host Orange Coast College, UCLA, UC Irvine, UC Santa Barbara, California, Loyola, and USC) have already met a few weeks earlier at San Diego.

California won the Varsity and JV events, as was to be expected in light of their relatively strong showing at San Diego. The Frosh event was the closest of the day until California was disqualified at 1700 meters. Orange Coast won this event as it had at San Diego.

Traditionally, the most popular and exciting race of the season is the **California-Washington Dual Meet** and this year's was no exception. In alternate years, when it is held in Seattle, as it was this year, it is watched by as many as 40,000 people packed in boats and on land along both sides of the 2000 meter course and on the overhead bridge. The conclusion of the varsity race also happens to signal the start of the yacht season's opening day events and so obviously not all spectators came with the sole intent of observing the crew race. But unlike the unruly IRA crowd, nearly all those present showed some interest as the races flashed by at intervals of five minutes and less.

Washington won all the men's events. The varsity contest was clearly the best of the day. California, getting away from the start more quickly than Washington, led for the first half before Washington inched its way back into the lead. Washington was able to increase the margin by no more than about half length, their final margin of victory.

The other event of the day which merited special mention was the Varsity Lightweight race. The race itself really was no contest, Washington winning easily. What was of interest in the opinion of many was the apparent ease with which they moved their boat. Most observers who were also aware of the level of Eastern lightweight rowing, felt the boat would be competitive nationally. Hopefully, they will go to Henley and have the opportunity to compete at this level.

The proliferation of events and entries and the resultant chaos of the Western Sprints caused the fracture of this event into two separate regattas: the Pacific Eight (Pac-8) consisting of UCLA, USC, Stanford, California, Oregon State, Oregon, Washington State, and Washington; and the Western Sprints open to everyone else. The motivation behind this division was that generally the top four Varsity crews and the top two Frosh and JV crews have come out of the Pac-8 group. There was a serious effort to provide for the inclusion of other deserving crews (especially if one of the Pac-8 members should fail to enter), but the Pac-8 Athletic Directors and the Pac-8 office itself vetoed this proposal.

The **Pac-8 Regatta**, a three-day series of seeded match races, was held at Redwood Shores, a 2000 meter, two lane buoyed course located about 20 miles south of San Francisco. The regatta ran smoothly and efficiently for a number of reasons: Peter Lippett organized and conducted it in the professional manner that he did last year's Sprints; Mobil Oil funded the course preparation, publicity, PA system, etc.; Kent Mitchell provided the services of his JAMCO Timing System; the number of events was limited to five (the three heavy men's eights, a heavy men's four and a light men's eight). The women's championship regatta was not part of the Pac-8 except insofar as they used the same course later in the day.

The two top seeds in the Frosh and JV events, Washington and California, proceeded as expected through their heats into their respective finals. The Frosh race was not particularly close, the larger Washington boat moved out at a rate of nearly a length per 1000 meters. The JV was much more closely fought. California led the entire way to win by about one half length.

On the varsity level, UCLA was upset by Washington State on the first day. California was defeated by Oregon State on the second day by 7 seconds. Therefore in the finals, California confronted Washington State and defeated them easily to earn third place over all. Washington's huge boat, averaging 203 pounds per man, fared well into the head wind and beat a remarkably tough and unflappable but lighter Oregon State by nearly two lengths. The Ky Ebright varsity award, like the other Western Sprint awards stayed in the same hands as last year [see *Western Sprints report elsewhere in this issue*].

It is not yet clear how next year's equivalent to the Eastern Sprints will be organized, but there is no doubt that this year's Pac-8 regatta was a definite improvement over last year's chaotic situation.



Western Sprints

by Jim Carnett

It was the brightest day in Orange Coast College's 23-year crew racing history.

Coach Dave Grant's Pirates rowed to three gold medals Saturday morning (May 14) at the 20th annual Western Sprints Championships held on North Lido Channel in Newport Beach. The sprints are the championships of West Coast Intercollegiate rowing. They were hosted this year by OCC and U.C. Irvine.

Saturday's performance brought to nine the total number of Western Sprints gold medals that have been won by OCC over the past 23 years.

"This is really quite a thrill," Grant said, following a ceremonial dunking he received from his oarsmen after the awards ceremony. "I try to resist comparing this crew with past crews I've had here at OCC because each crew is special, but I can tell you that this is certainly one of the biggest thrills I've had in 15 years of coaching."

And Grant has had his share of thrills. Not only have his Bucs won nine Western Sprints titles, but they have competed three times at the prestigious Henley Royal Regatta at Henley-on-Thames, England, the premier rowing event in the world.

The OCC coach said, "We have had some truly outstanding athletes, and those athletes have been willing to work very hard and put in long hours on the water."

OCC boats that won Western Sprints titles Saturday included the Pirate JV eight, freshman eight and varsity four. The victory by the freshman eight was expected, but the other two boats, which were considered contenders, were far from shoosins. The freshman eight concluded the 1977 campaign as the best frosh eight on the West Coast, and very possibly the best in the nation. The victory Saturday gave the OCC freshmen a brilliant 26-1 record.

The Bucs won the three major regattas on the West Coast this year: the San Diego Crew Classic, the Newport Regatta and the Western Sprints. The only loss came at the hands of the University of Washington in a preliminary heat at the San Diego classic, but the Bucs came back to beat the Huskies by 2.9 seconds in the championship race. Saturday's victory was the second for OCC's freshman eight in Western Sprints competition. The Bucs last won the title in 1966.

"This freshman boat has been spectacular," Grant said.

"The oarsmen will be back to row in our JV eight next year, which means the 1978 JV boats should be awesome."

The Pirates led from wire-to-wire in Saturday's championship race. The Bucs clocked a 6:14.9 over the 2,000-meter course. U.C. San Diego was second, Stanford third, U.C. Santa Barbara fourth, Long Beach State fifth and U.C. Irvine sixth.

OCC's junior varsity won its preliminary heat on Friday, and then came back Saturday to breeze to a wire-to-wire victory. The Bucs clocked a fine 6:11.1 over the course, beating second-place University of British Columbia by almost eight seconds. Stanford University was third in the race, Humboldt State fourth, San Diego State fifth and Long Beach State sixth.

The biggest surprise was the victory by OCC's varsity four. It marked the first time the Pirates have ever won a Western Sprints varsity four title. The OCC varsity four waged a fierce battle with U.C. Irvine for the championship. Orange Coast jumped out to an early one-boat-length lead, and maintained that margin for the first 1,000 meters. UCI then began to pull on the Bucs, finally catching the Pirates with 250 meters to go. The Anteaters actually grabbed a slight lead for several strokes, but the Pirates fought back and won the race by four-tenths of a second. Loyola finished third in the race, the University of Victoria was fourth, and Stanford placed fifth.

The University of British Columbia won the varsity eight title, finishing 4.8 seconds ahead of U.C. Santa Barbara. U.C. Irvine placed third.

UCLA took the lightweight eight title, Long Beach State won the freshman four, and University of British Columbia grabbed the lightweight fours crown.

VARSITY EIGHT 1. British Columbia, 6:02.8; 2. U.C. Santa Barbara, 6:07.0; 3. U.C. Irvine, 6:10.2; 4. Stanford, 6:15.9; 5. Long Beach State, 6:19.6; 6. San Diego State, 6:26.5 **JUNIOR VARSITY EIGHT** 1. Orange Coast, 6:11.1; 2. British Columbia, 6:18.7; 3. Stanford, 6:21.3; 4. Humboldt State, 6:31.3; 5. San Diego State, 6:31.8; 6. Long Beach State, 6:36.3 **FRESHMAN EIGHT** 1. Orange Coast, 6:14.9; 2. U.C. San Diego, 6:19.0; 3. Stanford, 6:31.5; 4. U.C. Santa Barbara, 6:31.7; 5. Long Beach State, 6:32.8; 6. U.C. Irvine, 6:37.1 **LIGHTWEIGHT EIGHT** 1. UCLA, 6:20.9; 2. U.C. Berkeley, 6:21.3; 3. U.C. San Diego, 6:26.6; 4. Loyola, 6:30.5; 5. Santa Clara, 6:31.8; 6. Seattle Pacific, 6:32.6 **VARSITY FOUR** 1. Orange Coast, 7:09.6; 2. U.C. Irvine, 7:10.3; 3. Loyola, 7:21.3; 4. Victoria, 7:26.7; 5. Stanford, 7:43.8 **FRESHMAN FOUR** 1. Long Beach State, 7:02.3; 2. U.C. Irvine, 7:05.3; 3. Orange Coast College, 7:05.8; 4. Loyola, 7:30.4; 5. U.C. San Diego, 7:31.7; 6. Victoria, 7:36.5 **LIGHTWEIGHT FOUR** 1. British Columbia, 6:52.3; 2. San Diego State, 6:59.2; 3. U.C. Berkeley, 7:19.2; 4. U.C. San Diego, 7:24.0; 5. Humboldt State, 7:26.4; 6. UCLA, 7:48.5.

San Diego Crew Classic

by Bill Center

Reprinted courtesy of *The San Diego Union*

In the San Diego Crew Classic the University of Pennsylvania edged the University of Washington by the width of a hand to win the featured varsity eights race of the fifth Classic on West Mission Bay. The closest race in the classic's history capped a sun-kissed production viewed by a record turnout topping 13,000.

While the rest of San Diego was overcast, the sun broke through over the 2,000-meter course. And no group was enjoying it more than Pennsylvania.

Coach Ted Nash brought three crews west — along with their shells — and picked up two gold medals and a silver. Penn took the two top prizes, the varsity and junior varsity eights. Possibly all that prevented a Quaker sweep was the fact that Nash couldn't afford the expense of bringing a freshman eight west.

Washington, which swept the top three collegiate races in

both this event's first two years, had to settle for a victory in the lightweight eights and three thirds this time.

Long Beach Rowing Association, paced by Olympic silver medalist Joan Lind, topped Penn's defending national champs for the women's eight title and finished with a total of five gold medals, including a 1-2-3 sweep in the men's doubles.

And San Diego's combined ZLAC-Mission Bay/Rowing Association crew won the women's high school eight and lightweight eight.

But the day became Penn's after the tough battle with the powerful Washington crew resulted in a Quaker victory. It was a two-boat fight from the start. Longshot Cornell jumped out quickly, but by 100 meters Penn was ahead, three seats up on Washington. The lead seesawed but neither crew held a much wider margin for very long.

(Cont'd on next page)

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"We seemed to change positions with each swell," said Washington bowman Mitch Millar. "We'd go up, then they'd go up."

After 500 meters, Penn was rowing at 37 strokes a minute and was holding a two-seat lead over Washington with surprising Oregon State third, another seat back. By the halfway point, Washington had pulled ahead by two seats. Penn was rowing at 36 and Washington at 38 250 meters later as the Huskies pushed their lead to four seats.

Penn quickly shot to a boat-length lead, although it was short lived. Washington wasted no time in counterattacking.

"The first time we moved out, we hit a wash, caught a crab and missed a stroke or two," said Penn bowman Sean Colgan. "When we got composed again we took it up a second time and hit another wash. By that time they were moving on us."

Seeing Washington move from behind is unnerving for rival crews and coaches, Husky oarsmen Mike Hess and Mark Umlauf made the U.S. Olympic team off their scores on the ergometer.

"They are so strong they look like they are making up a seat with each stroke," said Nash. "We took a breather and lost three seats in 100 feet."

At that point the crews were bow-to-bow, 250 meters from the finish.

"All you can do is go for it," said Colgan. "We were pulling just as hard as we could, just trying to hold on."

"There was no strategy then but go for the line," said Nash. "Had we gone another 10 strokes, Washington would have won it. They were the stronger crew at the finish."

But Penn was ahead at the finish.

"We lost one in 1968 at the U.S. Olympic Trials just like this, Nash said. "You always hope that some time you will

get it back."

Husky coach Dick Erickson couldn't remember losing another race by this margin — no time difference, just the tip of the bow on the Polaroid printout. Seven seconds back was Oregon State in third. It was another four seconds back to fourth-place California, followed by Princeton and Cornell.

It was a disappointing day for the co-favored and defending IRA champion Bears. They were third in their eight heat (Washington and Penn won the heats), had a fast JV time but fell out of contention in the championship race when the stroke oarsman's oar broke 200 meters from the start.

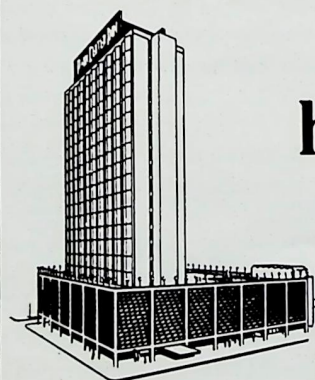
Penn won the JV eight for the second straight year, many of last year's members now being part of this varsity shell. Washington had won four frosh eights in a row before OCC held off the patented Husky stretch run.

Washington came back to score the day's easiest win, finishing nine seconds ahead of British Columbia in the lightweight eight. The Husky crew is unbeaten in two years and is headed for Henley this summer. Mission Bay Rowing Association's previously unbeaten crew was third.

The MBRA-ZLAC girls, half of whom were in the national championship high school eight of 1975, rowed to a 18-second win over Oakland. MBRA-ZLAC negotiated the double with a four-second win over California in the lightweight women's eight.

Long Beach RA consistently leads the Crew Classic in all-around excellence by banding its fine assortment of scullers into some pickup eights.

Lind teamed with Lisa Hanson to win the women's doubles, then came back three races later to row stroke on the winning women's eight. The LBRA men tripled in some cases to take three golds in the lightweight four, double and open eight. Princeton won the Open four.



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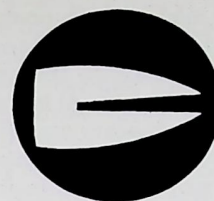
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MEN

Cal Cup — 1. UC Irvine (Keith Wood cox, Mike Gilb, Chris Molitor, Kurt Fleming, John Augustine, Mike Bortner, Ian Carter, Jeff Hansler, Ron Lind), 6:26.0; 2. USC 6:36.6; 3. Stanford 6:37.9; 4. San Diego St. 6:37.9; Long Beach St. 6:41.4; 6. UC San Diego 6:49.6

Consolation — 1. Coast Guard 6:23.7; 2. British Columbia 6:25.6; 3. Navy 6:29.6; 4. UCSB 6:32.4; 5. UCLA 6:35.6; 6. Loyola 6:41.1.

Championship — 1. Penn (Joe O'Connor cox, Sean Colgan, John Roulston, Stu Thorn, George Tintor, Walter DeMers, Otto Stekl, Paul Mudrick, Rich Paczewski), 6:19.8; 2. Washington 6:19.8; 3. Oregon St. 6:26.8; 4. Cal 6:30.5; 5. Princeton 6:33.0; 6. Cornell 6:34.6.

JUNIOR VARSITY EIGHT

Consolation — 1. Stanford 6:57.1; 2. UCI 7:00.7; 3. San Diego St. 7:04.1; 5. UCSB 7:10.3.

Championship — 1. Penn (John Chatzky cox, Mark Bozenski, Alex Cook, Terry Ecker, Bob Johnson, Mike Beek, John Cartus, Hanly Bodek, Bob Lennon), 6:28.4; 2. Washington 6:30.9; 3. Navy 6:40.9; 4. Orange Coast 6:42.6; 5. UCLA 6:45.2; 6. California 7:05.8.

FROSH EIGHTS

Consolation — 1. OCSB 6:54.9; 2. Long Beach St. 6:55.3; 3. Stanford 6:57.8; 4. Loyola 7:00.4; 5. Santa Clara 7:00.8; 6. USC 7:04.8.

Championship — 1. Orange Coast (Terry Murray cox, Larry Thomas, Paul Laux, Jim Essick, Mike Gill, Gary Gould, Brian Whitford, Kevin Moultrip, Scott Radtke), 6:33.0; 2. Washington 6:35.9; 3. California 6:38.6; 4. UCI 6:45.1; 5. UCSD 6:49.6; 6. UCLA 6:52.9.

LIGHTWEIGHT EIGHT

Consolation — 1. USC 6:56.8; 2. UCSD 6:59.1; 3. Loyola 7:02.2; 4. San Diego St. 7:12.1.

Championship — 1. Washington (Keith Ikada cox, Scott Donaldson, Paul Quinney, Skip Miller, Don Scales, Rich Robinson, Brian Martin, Charlie Naden, Tom Bascom) 6:36.4; 2. British Columbia 6:45.1; 3. Mission Bay RA 6:46.5; 4. Santa Clara 6:48.5; 5. Cal 6:50.0; 6. UCLA 6:56.1.

Other Events

Lightweight 4 — 1. Long Beach RA (Phil Crawford cox, Scott Rodd, John Fletcher, David Turnquist, Rod Freed), 7:35.4; 2. Stanford 7:40.0; 3. UCLA 8:08.9; 4. Mission Bay RA 8:09.0.

Open 4 — 1. Princeton 7:34.7; 2. UCLA 7:45.6; 3. Orange Coast College 7:49.9; 4. Loyola 7:50.8; 5. Long Beach St. 7:55.6; 6. Stanford 8:26.6.

Men's Doubles — 1. Long Beach RA (Stout-Leonard) 7:40.1; 2. Long Beach RA (McKirtchen-Rodd), 7:51.2; 3. Long Beach RA (Freed-Turnquist), 7:57.0; 4. Mission Bay RA 8:01.2; 5. San Diego RC 8:04.8.

Open 8 — 1. Long Beach RA (Phil Crawford cox, Larry McCutcheon, Scott Rupp, Carl Lofgren, Chick Leonard, Steve Nowinski, George Horvath, John Fletcher, John Van Blom) 6:35.8; 2. California alumni 6:42.8; 3. Motley 6:50.7; 4. Mission Bay RA 6:57.9; 5. Long Beach St. 7:08.7; 6. Ivy Tech 7:28.8.

WOMEN

EIGHTS

Consolation — 1. OCSB 3:39.6; 2. USC 3:41.2; 3. Loyola 3:46.4; 4. UCSD 3:47.6; 5. San Diego St. 3:50.2; 6. Stanford 3:52.8.

Championship — 1. Long Beach RA (Gloria Gray cox, Joan Lind, Debbie Rosalski, Lisa Hanson, Claudia Schnelder, Liz Hillis, Barbara O'Reilly, Jan Palchicof, Nancy Hilliard), 2:43.7; 2. Penn 2:45.6; 3. Cal 2:50.6; 4. Lake Merritt 2:53.7; 5. Long Beach St. 2:54.3; 6. UCLA 2:58.1.

Other Events

Women's 4 — 1. Loyola (Resa Daze, Colleen Beggs, Therese Rozlowski, Marl Frank, Rebecca Peters) 3:30.0; 2. Oakland 3:38.7; 3. MBRA-ZLAC 3:40.1; 4. Long Beach St. 3:40.3; 5. San Diego St. 3:46.2; 6. California 4:49.5; 7. UC Santa Barbara 3:52.1.

Women's Double — 1. Joan Lind-Lisa Hanson (LBRA) 3:46.6; 2. Cathy Thaxton-Ann Ren (Stanford), 3:58.1.

High School 8 — 1. MBRAZLAC (Kelly Rickon coxswain, Ann Benton, Joy Stockton, Alice Lee, Gigi Kunzel, Dana Tillson, Betzy Zumwalt, Gail Hewett, Liane Owen) 3:52.2; 2. Oakland 4:10.1; 3. Holy Name 4:11.7; 4. Lake Merritt 4:18.5.

Lightweight 8 — 1. MBRAZLAC (Sara Hartley cox, Bettina Luftner, Patti Pinkerton, Laura Gable, Barbara Beaudette, Susi Luftner, Kerstin Doell, Karen Kunzel, Lisa Liggett), 3:31.8; 2. California 3:35.7; 3. San Diego St. 3:37.3; 4. UCLA 3:42.3; 5. Lake Merritt RC 3:43.9; 6. Oakland 3:46.4.

Midwest Rowing Championships

by Hal
Melendez

Just a few blocks from Dottie Dumpling's you'll find Knickerbocker Road. At one end of the street, there's an Arco station. At the other end, only three blocks away, there's a Lion's Club concession stand. Once a year the solitude of this infrequently used street is disturbed when 700 oarsmen and oarswomen gather in Wingra Park for the Midwest Rowing Championships.

After much planning, setting up begins on Monday as the first is carefully set. Early on Friday morning, a lone figure in a wetsuit ples the calm waters of Lake Wingra, the smallest of Madison's three sister lakes. By mid-morning the stake boats have taken their places alongside the cat-tails on the lake's west end. By late afternoon the last of the buoys is in place and Wingra Park swarms with racing shells and multi-colored oars.

Some of Saturday's competitors have come from as far away as Pullman, Washington and Marietta, Ohio to participate in the midwest's largest regatta. After a few morning races the tailgaters arrive, set up their grills and half-barrels, then run to catch the finish of each race. They scrutinize the competitor's shirts and choose one to their liking. If they like yours, you may have a sandwich and a few beers coming, after you've explained that you can't give away your shirt because you have another race.

Amidst a sea of cut-off shorts and tank tops, members of the West Side Lion's Club dispense untold amounts of beer and brats to the sunburned crowd. The Lions have supported the Midwest Rowing Championships for years by helping to set up the launching area and judging and timing races. Near another concession stand, high-schoolers strut proudly in their newly purchased Midwest Rowing Championship T-shirts. Their parents, carefully examining their programs, try to remember whether their sons and daughters will race the open or the varsity four—or maybe in one of those eights coming down the course.

Most afternoon spectators are content to drink beer or coke in the stands, but anxious parents and friends, having witnessed tight morning races, take no one's word about anything and at the judges' enclosure demand to see every stop-watch, every time and every videotape of every race. But despite a number of close races, Dr. Peter Kaye's officials only once have to resort to the videotape.

The closest race of the day is the single sculls finals featuring Neil Halleen and Jim Ricksecker, two former

(Cont'd on next page)

Wisconsin oarsmen who have trained together for over two years and have shared some very close races. Ricksecker takes the early lead as both boats quickly move out on the rest of the field, the tranquil University of Wisconsin Arboretum in sharp contrast to the boisterous crowd along the northern shore of the lake. At halfway Hallee makes a strong challenge, but Ricksecker digs in and holds his lead...they hold their positions until they approach the grandstand area, when Hallee slowly begins to move. A shriek bursts from the crowd when Hallee loses control of one scull, but he recovers quickly and continues bow-to-bow with Ricksecker. Five strokes from the finish, they're dead even, and that's how they come across the line. After seven viewings of the videotape Hallee is declared the winner by a few inches.

Of course not every race is this close, but there are no cakewalks either—an indication that rowing in the midwest continues to improve.

Under the shade of the trees on the east end of the park, a rhinoceros is carefully and lovingly attached to the bow of a woman's boat, bootstretchers are adjusted and rigging is checked and re-checked. At the beachmaster's table the not-so-long-or-impressive history behind a piggy-bank gorilla is told: "Bimbo is a rare Mexican piggy-bank gorilla, made of precious plaster. He was a gift from the people of the city of Tijuana to the Midwest Rowing Championships and is awarded to the winner of the men's varsity four."

After the last race the crowd disperses, hawkers shut down their stands and Vilas Park beach resembles a beach once more. Competitors sit with a beer or two and thoughts of the long trip back to Wichita, Duluth or Lafayette, talking of their races, trading shirts or sleeping awhile. But it's not over yet. Madisonians never let an event go by without celebrating it, so after a short break, the action moves to Mound Street for the official Midwest Sprints party. Everyone is invited and everyone come, except for the man in the wetsuit who's got lots to do before he can party.

Tomorrow, parking will be plentiful on Knickerbocker Road, Wingra Park will be still, the lake will again be the preserve of the ducks and the cat-tails, and the man in the wetsuit will sleep late.

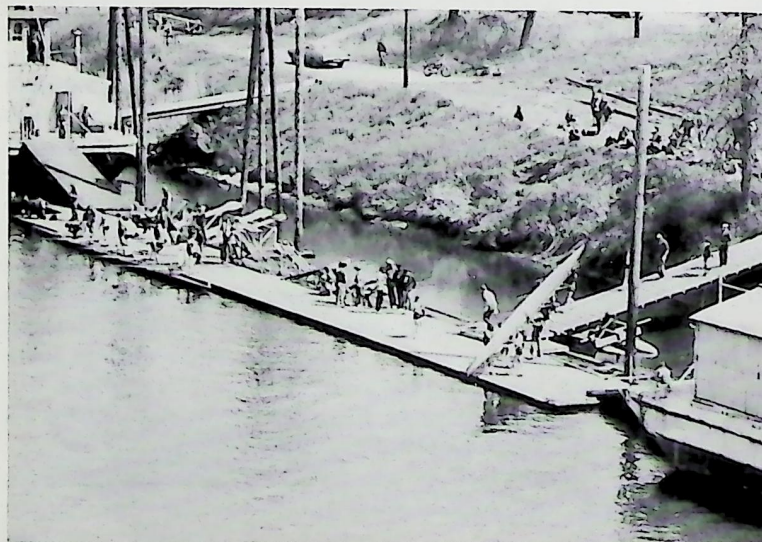
OFFICIAL RESULTS - 5th ANNUAL MIDWEST ROWING REGATTA 1900 METER

Open Pair Final Duluth B BC, 6:55.5; 2. Detroit A BC, 7:03.2; 3. Duluth A BC, 7:06.5; 4. Purdue, 7:15.3; 5. Detroit B BC, 7:35.9; 6. Minnesota, 7:37.3; 7. Minneapolis B BC, 8:15.7. **Women's Lightweight Four Final** Minnesota, 7:51.2; 2. Minnesota BC, 8:03.7; 3. Michigan State, 8:09.3; 4. Nebraska, 8:28.4. **Men's Frosh Four Final** Kansas State, 6:45.8; 2. Wichita State, 6:48.8; 3. Washburn, 7:09.2; 4. Duluth BC, 7:22.5. Wisconsin finished first in 6:39.9 but was disqualified. **Men's JV Eight Final** Wisconsin A, 5:39.7; 2. Wisconsin B, 5:57.8; 3. Duluth BC, 6:00.1; 4. Wichita State, 6:15.3. (Duluth was disqualified for not having varsity entrant) (stroke - Dan Knecht, 7 - Don Dev, 6 - Rob Snyder, 5 - Doug Verhaalen, 4 - Dave Kufahl, 3 - Dave Schultz, 2 - Nestor Dominguez, Bow - Dan Wilms, Cox - Paul Smith) **Women's Lightweight Eight Final** Purdue, 6:51.1; 2. Notre Dame, 7:00.6; 3. Kansas State, 7:05.6. **Men's Lightweight Four Final** Detroit BC, 6:38.8; 2. Minnesota BC, 6:55.7; 3. Minnesota, 6:57.6; 4. Notre Dame, 7:04.3; 5. Chicago, 8:20.5. **Women's Open Single Final** Grahams, Minnesota BC, 8:06.9; 2. Rains, Nebraska; 3. Ohme, Minnesota BC. **Women's Four Final** Wisconsin A, 7:19.4; 2. Minnesota, 7:24.3; 3. Wisconsin B, 7:50.5; 4. Chicago, 7:55.5; 5. Nebraska, 8:18.7; 6. Duluth BC, 8:21.6. (Stroke - Marjie Stoyk, 3 - Amy Lus Chinger, 2 - Florence Welk, Bow - Louis Harrison, Cox - Chris Cruex) **Women's Frosh Eight Final** Wisconsin, 6:34.5; 2. Purdue 6:42.1; 3. Wichita State, 6:58.5; 4. Minnesota, 7:01.8; 5. Notre Dame, 7:06.9; 6. Chicago, 8:26.5 (Stroke - Walters, 7 - Halverson, 6 - Hasz, 5 - Ludwig, 4 - Medman, 3 - Galloway, 2 - Ebert, Bow - Aaron, Cox - Mellen) **Men's Lightweight Eight Final** Purdue, 5:49.2; 2. Marietta, 5:50.0; 3. Minnesota, 6:09.2; 4. Chicago, 6:09.3; 5. Minnesota BC, 6:15.0; 6. Nebraska, 6:19.0. **Men's Open Four Final** Minnesota, 6:41.1; 2. Kansas State, 6:45.3; 3. Notre Dame, 6:50.3; 4. Wisconsin, 6:51.3; 5. Chicago, 7:11.5; 6. Detroit BC, did not finish, broken equipment. **Men's Frosh Eight Consolation Final** Nebraska, 6:11.9; 2. Minnesota, 6:14.9; 3. Notre Dame, 6:17.4. **Men's Frosh Eight Final** Wisconsin A, 5:55.7; 2. Wichita State, 5:58.6; 3. Purdue, 6:00.6; 4. Wisconsin B, 6:05.9; 5. Kansas State, 6:30.9; 6. Michigan State, 6:35.7. (Stroke - Chris Landry, 7 - Jeff Schuchardt, 6 - Paul Lambert, 5 - Ron McCann, 4 - John Olson, 3 - Fritz Gunkel, 2 - Swift Corwin, Bow - Mike Glitter, Cox - Mike Kleckner) **Men's Open Single Consolation Final** Lincoln Park, 7:38.1; 2. Nebraska, 7:39.8; 3. Duluth BC, 7:44.7; 4. Minneapolis BC, 8:05.3. **Men's Open Single Final** Wisconsin A (Neil Hallee), 6:56.3; 2. Wisconsin B (Jim Ricksecker), 6:56.4; 3. Kansas State, 7:26.3; 4. Purdue, 7:32.5; 5. Minnesota, 7:34.1; 6. Duluth BC, 7:34.7. **Men's Open Varsity Four Final** Wisconsin, 6:30.8; 2. Minnesota, 6:38.1; 3. Wayne State, 7:13.0. (stroke - Jay Starr, 3 - Mike Vrabec, 2 - Mike Stemo, Bow - Mark Boyle, Cox - Trent Carlson) **Men's Varsity Eight Consolation Final** Kansas State, 5:55.0; 2. Nebraska, 6:05.2; 3. Notre Dame, 6:14.3; 4. Michigan State, 6:18.5. **Women's Varsity Eight Final** Wisconsin A, 6:16.1; 2. Minnesota, 6:32.3; 3. Wichita State, 6:39.5; 4. Wisconsin B, 6:39.6; 5 - Nebraska, 6:56.5; 6 - Kansas State, 6:59.2, (stroke - Gracie Knight, 7 - Peg McCarthy, 6 - Kris Aserlind, 5 - Debbie Oetzel, 4 - Carolyn Hegge, 3 - Karen Ela, 2 - Barb Bradley, Bow - Mary Connel, Cox - Beth Boslo) **Men's Varsity Eight Final** Wisconsin, 5:37.9; 2. Marietta, 5:46.5; 3. Washington State, 5:49.0; 4. Purdue, 5:51.3; 5. Wichita State, 5:53.9; Mendota RC, 5:55.7. (stroke - Tom Schuchardt, 7 - Paul Schroeter, 6 - Ed Jackson, 5 - Mike Gasper, 4 - Bill Olsen, 3 - Mark Rasmussen, 2 - Al Teter, Bow - Karl Ryder, Cox - Greg Askins)

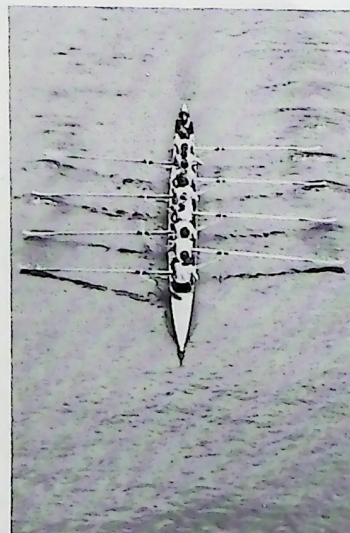
Corvallis Invitational Regatta

photos: W. Macy

Dock action at the Oregon State University Boathouse.



Green Lake — eight winner.



Light fours go at it.



Midwest NWRA Regionals

by Peggy O'Neal

The blind faith of most oarswomen and men that regatta day will be sunny, warm and reasonably calm was reaffirmed at the Midwest NWRA Regionals, held on Lake Nokomis in Minneapolis. Sunday, May 30 was beautiful, with a light, slightly quartering tail wind blowing most of the day. Seven teams raced in the regatta, which drew both clubs and colleges.



University of Minnesota Quad.

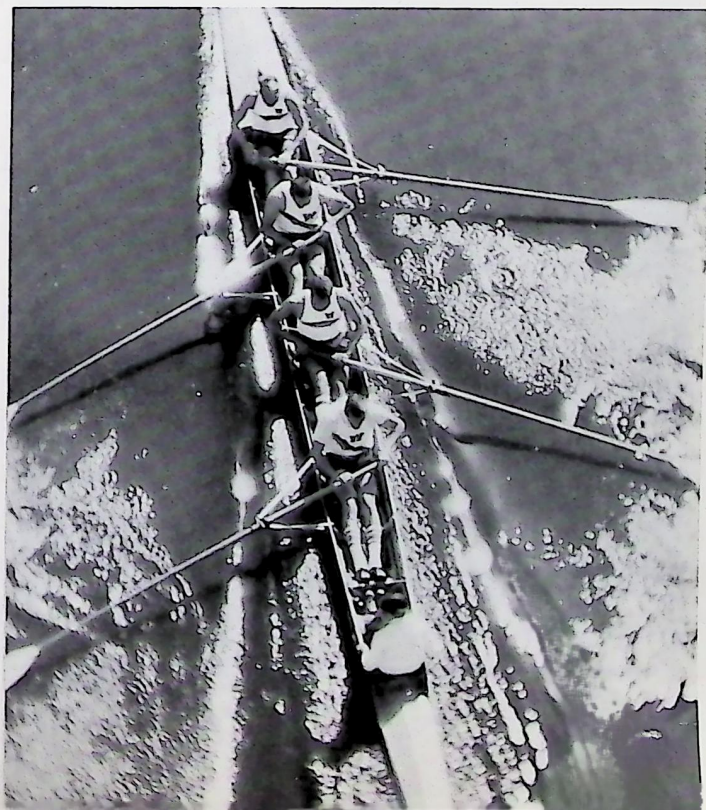
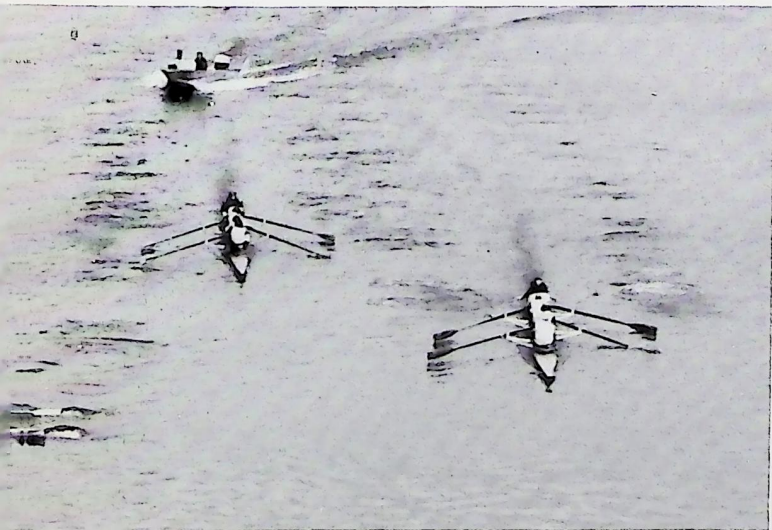
Competing were the University of Wisconsin — always strong, back from Eastern Sprints and just over finals; Kansas State University — the purple oarswomen won the open eight race last year and were out to keep their title; the University of Minnesota — always fast in lightweight racing and with a strong heavyweight team this year; the Minneapolis Rowing Club and the Minnesota Boat Club of St. Paul — both of which are highly competitive in small boat racing; Duluth Rowing Club — which more than any other midwest team has to contend with a lingering winter before starting spring rowing; and the University of Chicago — a team which manages to thrive despite the Windy City's smog.

Minneapolis won the first race of the day — their light double finishing nearly 20 seconds ahead of second place St. Paul. In the next event, the open four, the Kansas State crew jumped out to a quick lead with their famed fast start. Wisconsin worked by them in the first 200 meters, and then the Minnesota four started a drive from third to first, and by the finish had pulled out to a 5 second lead over Wisconsin. This was the first of a string of Minnesota victories that dominated the regatta. Miriam Baer of Minnesota came from behind Patti Ohme of Minneapolis in the last 200 meters to win the open singles race by 6 seconds. In the light fours Minnesota stayed with the fast starting Kansas State crew and then went on to win by open water, with Kansas in second place. Patti Ohme and Anne Graham led from the start to win the

open double event, defeating a second Minneapolis boat and the University of Minnesota. The light eight event was a two boat race with a smooth Minnesota eight winning by open water. The pair race was closely fought between the Minnesota and Wisconsin pairs. Minnesota had the lead in the first half of the race, when Wisconsin started their well known strong finish. A nice Minnesota crab and a steel buoy hit by Wisconsin didn't help either boat. Going into the sprint Wisconsin had a slight edge, but Minnesota pulled it out in the last strokes to win by half a second, the narrowest margin of the day. A good looking Kansas State novice crew won the

(Cont'd on next page)

U. of Washington — Open Four Winner.





novice four event with Minnesota second and Chicago right behind for third, followed by St. Paul, Minneapolis and Duluth. The open quad was won by Minnesota, as they gained an early lead and then held off the Minneapolis quad. A Minnesota pair that was long on power but short in the practice department wove its way up the course to win the light pair race, with a fast St. Paul pair taking second. The light single was won by Anne Graham of Minneapolis with an impressive 22 second margin.

The open eight event was up for grabs as the final race of the day arrived. Wisconsin's entry was a combination of the boats they raced at Eastern's that hadn't had much practice time together. Kansas had won last year and was expected to lead coming off the line. The Minnesota eight had lost to Wisconsin twice this spring and was looking for another chance at them.

Shortly after the start it was Minnesota and Wisconsin fighting for first. Kansas was slowed by trouble with a slide in their unfamiliar borrowed boat. Minnesota slowly pulled out to a half length lead. At 800 meters the Badger eight started a drive that gained back 2 seats. Minnesota fought

them off, and gold shirted Minnesota crossed the line for first, 2.5 seconds ahead of Wisconsin. The Minnesota light eight finished third, followed by Duluth and Kansas.

With victories in the light and heavy eights, the light and heavy fours, the light and heavy pairs, the quad and the open single, the University of Minnesota amassed 211.25 points to win the regatta. Second was Minneapolis with 80 points, followed by Kansas State, St. Paul, Wisconsin, Chicago and Duluth.



University of Minnesota Light Pair.

Special thanks go to the regatta officials, who, though inexperienced, did an excellent job and brought the regatta off on schedule; and to the members of the University of Minnesota crew who organized the regatta.

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LT. DOUBLE 4:59.0 Minneapolis (Rech, Erickson), Minnesota Boat Club, Minnesota Boat Club **open four** 3:36.3, University of Minnesota (Clossey, Seashore, Anderson, O'Neal, Rosencrants) University of Wisconsin, Kansas State University, University of Chicago, Duluth Rowing Club **OPEN SINGLE** 4:01.4, University of Minnesota (Baer), Minneapolis, Minneapolis **LT. FOUR** 3:40.6, University of Minnesota (Wabbe, Madsen, Fuller, Schnelderhan, Peterson) Kansas State, Minnesota Boat Club, Duluth, Minnesota Boat Club **OPEN DOUBLE** 3:49.1, Minneapolis (Graham, Ohme), Minneapolis, University of Minnesota **LIGHT EIGHT** 3:25.9, University of Minnesota (Daugherty, Gardner, Wabbe, Lemke, Madsen, Schnelderhan, Fuller, Achenbach, Peterson), Minnesota Boat Club **OPEN PAIR** 3:47.2, University of Minnesota (Baer, O'Neal), Wisconsin, Kansas State, Duluth **NOVICE FOUR** 3:47.4, Kansas State (Stansfield, Seavers, Ehrlich, Richey, Mansfield), University of Minnesota, Chicago, Minnesota Boat Club, Minneapolis, Duluth **OPEN QUAD** 3:41.8, University of Minnesota (Baer, Good, Clossey, O'Neal), Minneapolis, Minnesota Boat Club **LT. PAIR** 4:02.0, University of Minnesota (Schnelderhan, Madsen), St. Paul, Duluth, Kansas **LT. SINGLE** 4:26.0, Minneapolis (Graham), Minnesota Boat Club **OPEN EIGHT** 3:15.5, University of Minnesota (Brandes, Baer, Abendroth, Browning, Clossey, Seashore, Anderson, O'Neal, Rosencrants), Wisconsin, University of Minnesota, Duluth, Kansas.

Fanny's Row'n Club Regatta

by Bob Negaard

REMEX Rowing Club and the Hilton Hotel of Jacksonville cosponsored the first annual Fanny's Row'n Club Regatta on the St. Johns River in the heart of the city. All came off in grand style Saturday, March 5, 1977 with 375 athletes and coaches from 17 rowing organizations competing in eight elimination heats and 14 final events.

Crews began arriving in mid-afternoon, March 4, and many were on the course until dusk. Present at the 9 p.m. coaches' meeting with USCG Auxilliary, FL Marine Patrol, County Marine Posse, Officials and power launch drivers, were: Atlanta Rowing Club, Big 5 Rowing Club (Miami), Bishop Moore H.S. (Orlando), Citadel, Edgewater H.S. (Orlando), Florida Athletic Club (Orlando), Florida Institute of Technology (Melbourne), Florida Institute of Technology (Jensen Beach), Florida Technological University (Orlando), Hillsboro Rowing Club (Tampa), Jacksonville Episcopal H.S., Jacksonville University, Miami Rowing Club, Remex Rowing Club (Jacksonville), Rollins College (Winter Park, FL), Tampa University and Winter Park H.S.

The Hilton, having just completed a major redesigning, provided excellent, elegant, congenial accommodations and service to all competitors, friends and guests. The Hilton plans and preparations included extremely reasonable room rates, a sumptuous buffet for 700, medals, trophies and "Fanny's Row'n Regatta" key fobs to all competitors.

The Hilton's sophisticated bar-lounge decor includes 25 sweep and scull blades in Florida rowing organization colors, numerous rowing paintings, prints, posters, honorary plaques, color photos and the restored single built by Tom Gannon in 1932. Tom was boatman to the 1928 U.S. Olympic rowing team at Amsterdam in 1928.

Heats were 1500m and final events 1700m. Effective officiating by NAAO officials Singer, Vaughn, Donohoe and Negaard plus capable Dockmaster and Staging control brought events off on a tight schedule. Zero wind and bracketing slack tide made for fine rowing water.

A straight 6-lane course on tidal water hosted heats in Men's and Women's Open 4's and Men's Novice and Open 8's beginning at 7:15 a.m. Final events began at 11:15 a.m.

FIT dominated with eight wins (W O 8, M N 4+, M O 1X, M O 4+, M N 8, M N 1X, W O 4+, M O 8) and three seconds (W O 1X, M O 2+, M O 8). Other winners were Hillsboro RC Vet 1X, Remex RC M O 2-, Winter Park HS M 4+, FTU W O 1X and Rollins M O 2+. Second place finishes went to Atlanta RC Vet LX, FTU W O 8 & W O 4+, Big Five M N 4+, Citadel M O 1X, J U M O 2+, JEHS 4+, FAC M O 4+, Miami RC M N 8, Rollins M N 1X. Mixed O 2X won by FIT/FAC and second by Tampa/Hillsboro RC.

Men's Novice 4+ was a tightly contested race with FIT pulling out a seven second win with 13 seconds separating first and fourth places.

The Men's high school 4+ was a neck-and-neck duel between Winter Park and Episcopal. FIT "A" boat edged FAC by two seconds in the Men's Open 4+. Ten seconds separated the first four places in the Men's Open 8 with four seconds between FIT "A" & "B" boats for the first two finishes and Tampa edged FTU by two seconds.



Launching float activity and finish of Men's Open Four with FIT "A" has just won in lane 2, with FAC (foreground) second, next FIT "B" and Rollins.

Most important was that each competitor and spectator came away from the first annual "Fanny's Row'n Club Regatta" feeling that he had taken "firsts." That the regatta was an unqualified success was most gratifying to the many volunteers and members of Remex R.C. who had donated countless hours.

Beautiful silver trophies, one for each event, are engraved with this year's winners and retained by the Hilton, on permanent display as a part of Fanny's Row'n Club decor.



Men's Open Eight. FIT "A" crew (top) celebrates win over FIT "B", Tampa (bottom) and FTU.

SIRA

by Norton Schlachter

The Southern Intercollegiate Rowing Championships continued to grow in size and popularity in 1977, the SIRA's tenth year. More than 500 men and women from fifteen colleges and clubs in eight Southern states raced in seventeen events on the Atlanta Rowing Club's Stone Mountain Lake course. The event ran continuously from 7am to 5pm under beautifully cloudy skies which conveniently eliminated competition from local sunbathers for the launching (nee swimming) beaches.

Having disposed of these vital statistics, of course, a report on the results is in order: Florida Institute of Technology.

For the *n*th time in SIRA history — or at least as long as is recorded on the all-points trophy — the masses from Melbourne marched into Atlanta eighty-strong and rowed away with eight firsts, including the Men's Varsity Eight which Jim Lyden's Rollins had so rudely deprived FIT of in '76. FIT's other victories included: the Women's Eight, the Open Single (Women's Coach, Casey Baker), J.V. Four, Frosh Eights, J.V. Eight, Frosh Four, and the Novice Single.

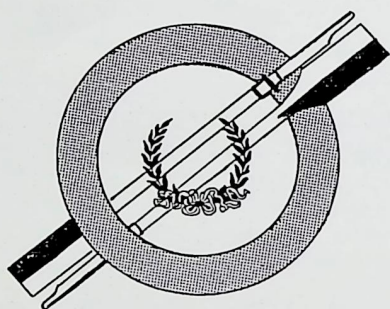
But while Bill Jurgens' Engineers were merely indomitable again this year, quite a bit of the first place hardware was spread around to other schools. Tom Feaster's Tampa, while showing a bit of retreat from last year's strength, still threatens to be the South's next contender with an aggressive recruiting program and help from the coaching experience of women's veteran Holly Hatten. Tampa rowers took the Men

and Women's Varsity Fours, the Open Double and the Veterans Single (Milo Vega). Florida Technological University dominated the Men's Lightweight Eight, the Club Four, and the Women's Single (Mary-Ann Welch). Jacksonville University's small boat program re-captured both pair events.

But the real story in the South is not just the medal winners, but the men and women and coaches, the schools and clubs that represent the widely diverse levels of Southern rowing, staying healthy and having fun. Southern rowing has grown to the point where it is customary to see not one, but several Florida finalists in the Dad Vail, where eight-oared shells invade such athletically traditional places as the Universities of Tennessee and Alabama, where the Atlanta Rowing Club exists in a golf course pro shop one quarter-mile from the water, and where such elaborately named clubs as the Imperial Sculling and Riparian Society of Chattanooga, Tennessee seek the simple freedom of a boat and oars.

The levels of technique, equipment, and funding vary significantly, but the enthusiasm, apparently, does not. Some programs boast ergometers, team dorms, multiple coaches and annual equipment infusions, while others share hand-me-down Pococks, standard blades and a volunteer graduate student coach, between men's, women's, varsity and JV eights. Whether they won, lost by a split second, or failed to qualify for the final, rowers from every organization smiled beneath the Confederate Memorial carving on Stone Mountain, bought up rowing t-shirts and posters, cheered the finishes of close races, showed-off their sweat-earned uniforms, and politely took the time to thank officials for a "fun regatta." From a casual survey of the hotels Saturday night, training rules were abandoned as were inter-school rivalries with the men turning conveniently unchauvanistic toward the women, and vice-versa.

Having served as competitor, spectator, coach, and official in SIRA's since 1968, this observer can definitely report quantum leaps in the quality of rowing exhibited by Southern schools. While sometimes previously maligned by Northern oarsmen (who, nonetheless took advantage of Florida winter sun and water time), more and more of the country has learned while facing a Southern crew on the starting line that they will not necessarily row as slowly as they speak. But winning or just competing, the word from this part of the country is healthy people, finding satisfaction from the pain of training, searching for the elusive smoothness of a perfect recovery, sharing the esoteric joys of a great sport, and just plain having fun.



OTTAWA HEAD OF THE RIDEAU CANAL UNITED WAY REGATTA



**SUNDAY,
SEPTEMBER 25,
1977**

**P.O. BOX 891
STATION B,
OTTAWA,
ONTARIO**



NOVICE SINGLES: 1. Pierce, FIT, 7:05.7; 2. Elder, Winter Park (Fla.), 7:18.19;
MEN'S CLUB FOURS: 1. Florida Athletic Club, 5:58.3; 2. Knoxville Rowing Club 7:48.8; **MEN'S FRESHMAN FOURS:** 1. FIT, 6:04.7; 2. (none); **MEN'S VETERAN SINGLES:** 1. Hillsborough, Vega, 6:58; 2. Torn Donohoe, Atlanta Rowing Club, 7:42; **MEN'S JUNIOR VARSITY EIGHTS:** 1. FIT, 5:11.2; 2. Rollins College, 5:32.2; **WOMEN'S VARSITY FOURS:** 1. Tampa University, 6:47.2; **MEN'S PAIR:** 1. Jacksonville University, 6:41; **MEN'S FRESHMAN EIGHTS:** 1. FIT, 5:14.3; U. of Virginia, 5:36.3; **MEN'S JV FOURS:** 1. FIT, 5:58.8; 2. Tampa, 6:08.9; **MEN'S DOUBLES:** 1. Tampa, 6:22.6; 2. Atlanta Rowing Club, 6:51.4; **MEN'S LIGHTWEIGHT EIGHTS:** 1. Florida Technological University, 5:10.0; Virginia, 5:18.3; **WOMEN'S SINGLES:** 1. Welch, FTU, 7:05.5; 2. Brown, FIT, 7:17.5; **MEN'S VARSITY FOURS:** 1. Tampa, 5:45.6; 2. FIT at Jensen Beach, 5:52.1; **MEN'S PAIR:** 1. Jacksonville U., 6:10.1; 2. Atlanta Rowing Club-Navy, 6:13.1; **WOMEN'S VARSITY EIGHTS:** 1. FIT 5:50.4; 2. FTU, 5:56.7; **MEN'S OPEN SINGLES:** 1. Baker, FIT Rowing Association, 6:19.6; 2. Shea, FIT, 5:05.9; 4. U. of Virginia, 5:34.6; **MEN'S VARSITY EIGHTS:** 1. FIT, 4:56.2; 2. Rollins, 5:01.2; 3. Morris Harvey, 5:05.9; 4. U. of Virginia, 5:34.6.



FIT's Victorious Varsity Eight

10th Annual Miami Invitational Regatta

The Florida Institute of Technology, showing awesome power and depth, swept all the eight-oared events to dominate the 10th Annual Miami Invitational Rowing Regatta, April 2, at Miami Marine Stadium.

More than 100 oarsmen competed in the regatta conducted by the Rowing Committee of the Columbus Day Cruising Regatta Club.

In addition to the victories in Freshman, Junior Varsity and Women's eights by the three FIT crews, A, B, C, the Melbourne school also won the Men's Singles Sculls, placed second to Jacksonville University in Men's Pairs and finished third in five different events.

The only mishap of the day came in the Women's Fours With event when Vicki White of Tampa University caught a crab and set off a chain reaction in which Margaret McNiff was hit by an oar and the shell went over. Fortunately no one was hurt in the incident.

Although a new sports image for Miami, the Marine Stadium Event already attracts some of the world's best oarsmen. Competitors have included Oxford University, Cambridge University, Antwerp, Guatemala, and crews from 26 major U.S. colleges and rowing clubs. During 1977 the Committee was pleased to expand the participation of women and also three Miami rowing organizations. The Big Five, Miami Rowing Club, and the

Cuban Rowing Academy were welcomed to the Invitational. This reflects keen Latin interest in rowing.

In 1973, Miami's Columbus Day Club's eight-oared crew competed in six European regattas, winning the North Sea Championship at Ostend and the Orio International Regatta in Spain.

Next year the Regatta, which occurs the Saturday prior to Palm Sunday, will be held on March 18. We hope entries can be expanded to include some or all of the Northern colleges whose crews will be in Florida at that time as well as several Women's colleges or crews.

For further information contact: Robert G. Gerrish, Chairman, Rowing Committee, 444 Brickell Avenue, Suite 200, Miami, Florida 33131. Telephone (305) 371-9081.

Freshman Eights 1. FIT C, 4:12.0; 2. Miami, 4:18.6; 3. FIT, 4:23.9; 4. FIT, 4:35.1 **Men's Fours With** 1. Jacksonville, 5:28.0; 2. FTU, 5:34.3; 3. FIT, 5:38.6; 4. FLA. A.C., 5:44.7; 5. Big S, 5:48.9; 6. FIT J. Beach, 5:51.0 **Junior Varsity Eights** 1. FIT, 4:40.2; 2. Rollins, 4:50.6; 3. Miami, 4:54.0; 4. Tampa, 5:00.2 **Men's Single Sculls** FIT A, 5:57.0; 2. Tampa B, 6:07.2; 3. FIT B, 6:12.4; 4. Tampa A, 7:19.6 **Women's Eights** 1. FIT, 5:26.0; 2. FTU 5:33.7 **Men's Pairs** Jacksonville, 6:10.0; 2. FIT B, 6:20.3; 3. FIT A, 6:24.6 **Women's Fours With** 1. Jacksonville; 2. Miami, 0:06.1; 3. FTU, 0:08.5; 4. Rollins, 0:15.3; 5. FIT A, 0:22.9 **Varsity Eights** 1. FIT A, 4:32.0; 2. Rollins, 4:39.4; 3. FIT B, 4:40.6; 4. FTU, 4:44.8; 5. Tampa, 4:48.8; 6. Jacksonville, 5:30.7 **Special Race Fours With** 1. Big 5, 5:37.0; 2. Jacksonville, 5:44.1; 3. FIT, 5:50.8

Philadelphia Catholic Scholastic Championship

by Mike Hughes

The Philadelphia Catholic Scholastic Championship race was one to remember.

With 500 meters to go in the 1500 meter varsity eight race, only about one seat separated the first three boats—Father Judge, Monsignor Bonner, and LaSalle. Bringing their stroke to 40-plus, the Father Judge crew drove slowly away from the pack to cross the line in 4:14. Saint Joseph's Prep has fallen behind early with equipment problems.

Perfect weather for racing and a fast river also set the scene for many other events shown in the results below.

Quad Exhibition 1. West Catholic (B) 4:50; 2. West Catholic (A) 4:52; 3. West Catholic (C) 5:44.6 **Novice 8** 1. LaSalle 4:42.5; 2. Bonner 4:47.5; 3. West Catholic 4:52.9; 4. Fr. Judge 5:00.7; 5. Bonner 5:01.6; 6. St. Joseph 5:02.4 **Fifth 8** 1. Fr. Judge 5:11 (row over) **Third 4-with** 1. LaSalle 2. St. Joseph **Fourth 8** 1. Fr. Judge 4:46.5; 2. Bonner 4:56.5; 3. Bonner 5:18.3 **4 w/o** 1. Bonner 5:05; 2. LaSalle 5:12 **Third 8** 1. Fr. Judge 4:43; 2. Bonner 4:46.2; 3. St. Joseph 5:04.8 **Junior 4** 1. LaSalle 2. St. Joseph **Lt. Wt. 8** 1. Bonner 2. Fr. Judge 3. LaSalle **Girls 4-with** 1. Little Flower 3:54.6; 2. Mt. St. Joseph (B) 3:55; 3. Mt. St. Joseph (A) 4:07.6 **Varsity 8** 1. Father Judge 4:14; 2. Bonner 3. LaSalle 4. St. Joseph.

Scholastic Rowing Association Regatta

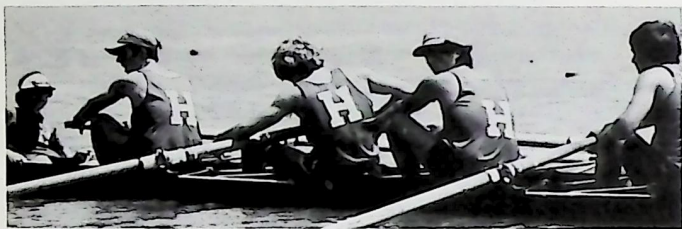
by Michael Hughes

What is the source of energy that sparks a victorious rower to screams of joy after a gruelling 1500 meter race that should have drained his tank? In the Scholastic Rowing Association of America's 1977 Regatta it is the high of being national champion.

Over 600 competitors from 47 secondary schools located in a geographical triangle formed by Canada, Virginia and Michigan participated in the racing.

St. Catharine's of Canada, West Catholic of Philadelphia, Pa., and Holy Spirit of Absecon, N.J. all won two championships to lead the field.

The Senior Eight oared event was a test of technique and pride. In a heavy tail wind, St. Catharine's quickly jumped to a half length lead over heavily favored Ridley College of Canada with Holy Spirit in third place. After the settle, St. Catharine's faded leaving Ridley in first with Spirit trailing by a couple of seats. Spirit drove through Ridley with a power ten at the first 500 meter buoy to gain two seats on the Canadians. This spacing remained until the last 500 meters



Harriton's National Championship Four With

where Holy Spirit began their sprint and pulled slowly away from Ridley and the fields to win by 2.8 seconds.

It was Harriton fighting Belleville in the Senior Four with Coxswain. Harriton won by 3.2 seconds with a powerful sprint.

In the Senior Quad event a tough West Catholic crew took the lead after 500 meters over Holy Spirit and increased it to an impressive 14.1 seconds by the time they crossed the line.

West Park Secondary Girls' eight showed excellent poise and strength as they cruised to a 3.8 second victory over runner-up T.C. Williams.

Mention must be made of the excellent manner in which the Regatta was run. With 600 contestants the problem of organization was made to look easy by the group of judges, timers, and referees that represented the Scholastic Rowing Association. Each race went off without confusion and on time.

At the end of the Regatta only 75 contestants received medals, but all who gave 100% left with something of value: pride.



West Park crosses finish line to win the National Championship. Bow - K. Neumann, 2. B. Cort, 3. R. MacLaurin, 4. L. Schultz, 5. J. Dmytruk, 6. N. Gill, 7. K. Toll, stroke - M. Romak, Cox - C. MacLaurin.

Philadelphia Scholastic Rowing Championship

by Ken Dreyfuss

Whenever three-hundred fifty high school participants row twenty-two events covering varying distances and a four hour time span, SOMEONE is doing some first-class organizing. The 1977 Philadelphia Scholastic Rowing Championships were most ably directed by Joe Sweeney who, in three years as Coaches Association President, has instilled order, enthusiasm, care and a special personal touch in the Philadelphia rowing scene. Joe makes winners of all of us!

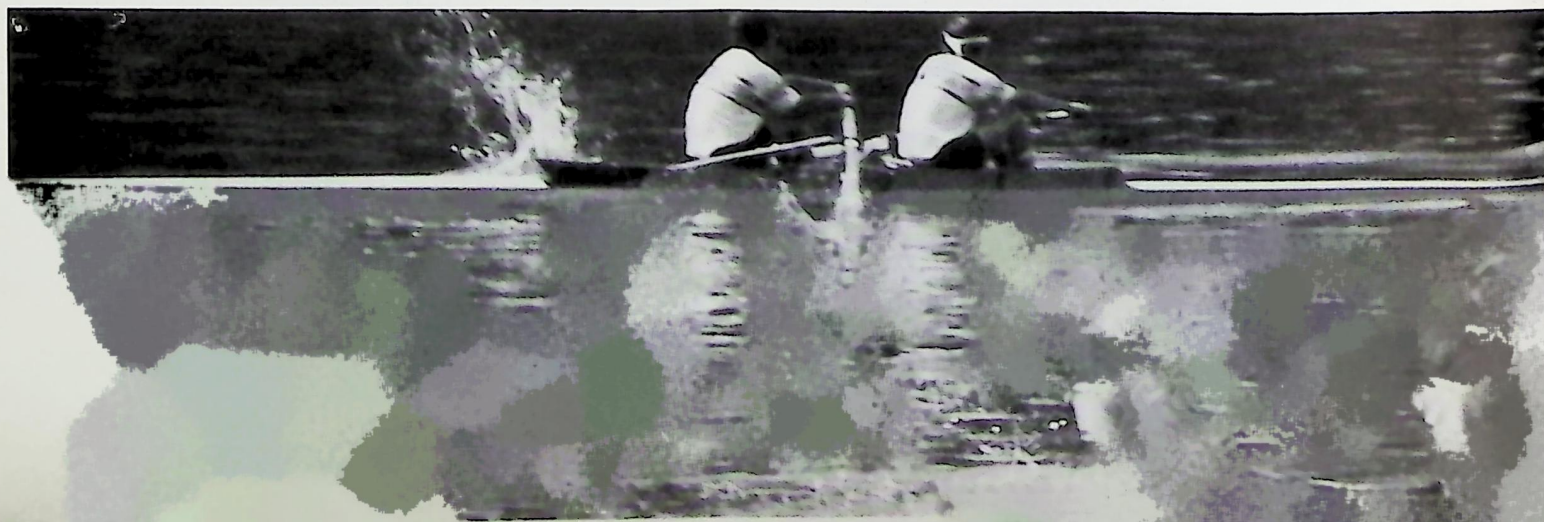
On the water victors rang familiar. Holy Spirit's Varsity Eight, now under the direction of former Spirit coxswain and lightweight oarsman Larry Connell, passed Father Judge at the 1000 meter mark and displayed its new, longer rowing style en

route to a 4.4 second win and the Father Baldwin Trophy. Stroke Joe Welsh and seven-man Bob White return from Spirit's 1976 Champs. The winning time was 4:25.6.

Chestnut Hill Academy led throughout to repeat as Varsity Four titlists. Their time of 4:53.6 bested previously unbeaten Harriton High School by nearly six seconds and earned them the William F. Donovan Trophy.

Senior Steven McNalley bowed West Catholic's Varsity Quad past Holy Spirit for the Malta Cup in 4:51.2. Coach Bill Mastalski's star-studded scullers also won the Varsity Double with Haverford School second.

Upper Merion's girls won their Varsity Eight competition.



RESULTS

Petit Final Four with 1. Atlantic City **Petit Final Junior Eight** **Petit Final Senior Four with 1.** Holy Spirit **Petit Final Senior Eight 1.** Liverpool **135 lb. Eight Final 1.** St. Catherine's 4:54.2 (Bow: P. Malony, 2: B. Bevan, 3: B. Boyko, 4: I. Secord, 5: D. Leggre, 6: J. Ball, 7: R. Millar, Str: K. Servos, Cox: K. Tait) **2.** West Park 4:55.2; **3.** Washington and Lee 4:57.7; **4.** Mt. Carmel 4:58.4; **5.** Bonner 4:59.2; **6.** Holy Spirit 5:01.7; **7.** Stuart 5:03.3 **Junior Single 1.** Iona Prep 5:26.1 (Greg Torelli) **2.** Sir Winston Churchill 5:40; **3.** New Rochelle H.S. 5:49.7; **4.** Mt. Carmel 5:51.2; **5.** Aquinas H.S. 5:55; **6.** Father Judge H.S. 5:59 **Junior Double 1.** Mt. Carmel 5:30.1 (Bow: D. Kernan, 2: G. Kroll) **2.** St. Joseph's Prep 5:42.1; **3.** West Windsor H.S. 5:54.4; **4.** West Catholic H.S. 5:58.5; **5.** West Catholic H.S. 6:00.1 **Junior Four with 1.** St. Andrew's 5:19 (Bow: P. Hannah, 2: M. Loring, 3: A. Richards, 4: J. Wilgls, Cox: E. Larsen) **2.** Mt. Carmel 5:25.1; **3.** Fort Hunt 5:26.1; **4.** Jeb Stuart 5:27.3; **5.** Upper Merion 5:29.4; **6.** Washington and Lee 5:29.8 **Womens Single 1.** Lakeport Secondary 6:32.8 (A. Schreiner) **2.** T.C. Williams H.S. 6:54.9; **3.** Mt. St. Joseph's 7:17.5; **4.** Baldwin 7:23.4; **5.** Germantown 7:30.4; **6.** Pennsauken H.S. 7:40.6 **Junior Quad 1.** West Catholic H.S. 5:02.2 (Bow: J. Hawley, 2: T. Sbarra, 3: T. Fredericks, 4: F. McGilllin) **2.** Haverford 5:25.1; **3.** Holy Spirit H.S. 5:49.3 **Junior Eight 1.** Holy Spirit H.S. 4:40.9 (Bow: T. Stellga, 2: V. Reale, 3: T. Burns, 4: J. Woulfe, 5: H. Staake, 6: J. Brennan, 7: B. Money, Str: J. Oakes, Cox: C. Nordling) **2.** Ridley 4:43.3; **3.** LaSalle 4:45.8; **4.** Bonner 4:51.4 **5.** Arlington 4:51.5; **6.** T. Roosevelt 4:57.1 **Youth Pair without 1.** St. Joseph's Prep 5:39.5 (P. Horvat, J. Cusawa) **2.** Atlantic City H.S. 5:47.7; **3.** Holy Spirit H.S. 5:47.9; **4.** Canisius H.S. 5:57.7; **5.** LaSalle H.S. 6:07.5 **Youth Pair with 1.** Gov. Simeco 6:02 (R. Burghall, R. Storm, S. Lockhart) **2.** Amherst Central 6:22 **Youth Four without 1.** St. Catherine's 4:58.9 (Bow: D. Gniwodda, 2: B. Krzeczowski, 3: M. Hughes 4: B. Fisher) **2.** LaSalle College High 5:05.3; **3.** Msgr. Bonner 5:19.5; **4.** Washington and Lee 5:31.4 **Senior Single 1.** Barrington H.S. 5:42 (Greg Montes) **2.** Sir Winston Churchill 5:49.7; **3.** Mt. Carmel 5:59 **Senior Doubles** Denis Morris H.S. 5:11.4 (F. Murphy, G. Murphy, Jr.) **2.** West Catholic H.S. 5:20.3; **3.** Haverford 5:32.6 **Women's Eight 1.** West Park Secondary 5:20.9 (Bow: K. Neumann, 2: B. Cort, 3: R. MacLaurin, 4: L. Schultz, 5: J. Dmytruk, 6: N. Gill, 7: K. Toll, Str: M. Romak, Cox: C. MacLaurin) **2.** T.C. Williams H.S. 5:24.7; **3.** Saint Andrews 5:37.5; **4.** Lower Merion H.S. 5:47.4; **5.** Liverpool H.S. 5:48.9; **6.** Upper Merion H.S. 5:55.1 **Senior Quad 1.** West Catholic H.S. 5:02.8 (Bow: S. McNally, 2: J. Cooke, 3: C. Bracken, 4: J. Whalen) **2.** Holy Spirit H.S. 5:16.9; **3.** Gen. D. MacArthur 5:38.5 **Senior Four with 1.** Harrington 5:05.1; **2.** Jeb Stewart 5:08.3; **3.** Belleville 5:15.3; **4.** Washington and Lee 5:20.1; **5.** Jeb Stuart 5:21.5; **6.** Nutley 5:28.8 **Senior Eight 1.** Holy Spirit 4:29.8 (Bow: M. Smith, 2: E. Smith, 3: D. Touhy, 4: B. Russ, 5: J. Wilkens, 6: F. Baldwin, 7: B. White, Str: J. Welsh, Cox: A. Mancuso) **2.** Ridley 4:32.6; **3.** West Park 4:34.4; **4.** T.C. Williams 4:40.8; **5.** Fort Hunt 4:42.4; **6.** F.D. Roosevelt 4:46.9.

Worcester Regatta

by Meg Ziegler

With straining oarsmen, cheers from partisan crowds, and victory splashes for happy coxswains, the 1977 Worcester Regatta was held May 28-29 on Lake Quinsigamond in Massachusetts. The Regatta was split into two days this year, with fours and sculls on Saturday and eights on Sunday, leaving enough time for consolation or "petite" finals for all events with heats. Traditional and intense rivalries quickly surfaced as men's and women's crews from thirty high schools all over New England raced for the silver.

On Saturday May 28th thirty races were held to determine the seven men's and women's fours titlists and three singles champions. Middlesex showed real strength in the women's division, taking the first and second fours and finishing second to Noble and Greenough in third fours. Barrington's Bowen and Wilhelm won the Jr. and Senior Singles while Andover's female sculler easily won her event.

Four different schools won men's fours titles. Browne and Nichols powered to a second fours win while St. Marks and Groton took the third and fourth boat titles. In first men's fours, Salisbury and Chestnut Hill Academy's Kaschpers occupied the middle lanes after morning heat victories, but Coach Dave Swift's big Green from Brooks started strong and took off on stroke Art Demoulas' sprint to convincingly capture the Father Sills Bowls. A popular win for a neat coach and team. St. Marks was second.

On the second day of the Regatta, oarsmen were greeted with a gusting tailwind. Despite near-perfect conditions for breaking records, only one course time fell. St. Paul's School won three out of six Eights Grand Finals, but was unable to extend their three-year domination of the first men's and first women's events.

In the most dramatic race of the day, Phillips Andover Academy's first women's eight smashed the course record, winning the Grand Final by a length with a time of 5:13.9 for 1500 meters. The old record, 5:17.9, was set by St. Paul's in 1975. In a photo finish, with less than one second separating three boats, fifth-seeded St. Paul's squeaked by with second place, followed by Northfield-Mt. Hermon in third and Simsbury in fourth.

First-seeded Kent School walked off with the silver in the first men's eights, winning decisively with a time of 4:32.2, just one second slower than the record set by St. Paul's in 1976. Stroking a 45 in their final sprint, Kent outdistanced second-place Andover by two seconds. St. Paul's, seeded fourth, crossed the line just .8 seconds after Andover to capture third place.

The seedings proved reliable for the second men's eights, as first-seeded St. Paul's took first place with a time of 4:42.2. Kent followed in second place nearly two seconds behind St. Paul's, while Exeter took third as predicted. The second women's eights defied prediction, however, as second-seeded St. Paul's captured first place, followed by third-seeded Andover in second.

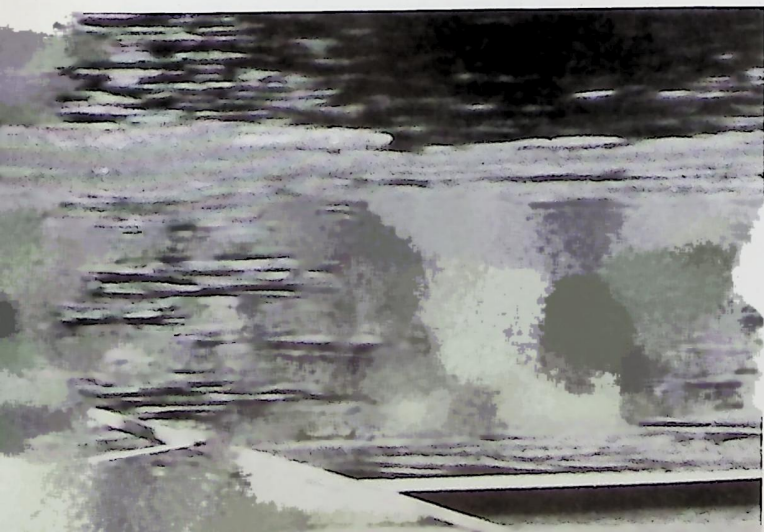
(Cont'd on next page)

Well-prepared by hard-working Coach Phil Cavitt, they covered the 1000 meter course in 3:32.8.

Holy Spirit scored victories in the Junior Varsity and Lightweight eight divisions. St. Josephs Prep won a tight pair without cox final and Monsignor Bonner took the straight four race.

Referees Tom Dowd, George Hines, Lois Trench and Sue Anderson; Ned "Cosell" Thomas on the loudspeaker and a host of hard-working youngsters who didn't win "this time" were most important cogs in a fine day's racing. On to the Stotesbury's!

Paul Horvat and Jim Cusheva (foreground).



The St. Paul's third men's eight came from a one-length disadvantage at the 500 meter mark to beat Kent to the finish, despite understroking the Kenties throughout the race.

There was a third women's eights race for the first time this year, with three schools competing. On the water, St. Paul's won by a length, but was later disqualified for entering Simsbury's lane. As a result, Simsbury was awarded first place, while Exeter took second.

There were a few small boat races intermingled with the eights races. In an exciting men's double sculls race, a very small crew from Oyster River took on a pair of Barrington oarsmen. Despite an impressive closing sprint by Oyster River, Barrington held their lead to the finish to win. In men's pairs without cox, Chestnut Hill captured first-place honors.

Despite the obvious exhaustion of both the crews and their supporters after Sunday's last race, oarsmen who lost their shirts this year could already be heard planning revenge in 1978, promising yet another exciting New England Regatta at Worcester next year.

NEIRA REGATTA MAY 28, 1977

1ST HEAT 4TH FOURS, MEN 1. Groton 6:04, 2. Brooks 6:13.5, 3. Noble & Greenough 6:14.2, 4. South Kent 6:18.4, 5. Middlesex 6:30 **2ND HEAT 4TH FOURS, MEN** 1. Belmont Hill 5:54.8, 2. Salisbury 5:59.4, 3. St. Marks 6:11.3, 4. Pomfret 6:21.1, 5. Gunnery 6:23.0, 6. B. B&N 6:31.3 **1ST HEAT 2ND FOURS, WOMEN** 1. Groton 4:33.2, 2. Noble & Greenough 4:41.0, 3. B. B&N 4:47.8, 4. Pomfret 4:51.4 **2ND HEAT 2ND FOURS, WOMEN** 1. Middlesex 4:41.5, 2. South Kent 4:56.2, 3. Winsor 5:09.3 **1ST HEAT 3RD FOURS, MEN** 1. Brooks 6:01, 2. Groton 6:02.8, 3. South Kent 6:07, 4. Noble & Greenough 6:12, 5. Middlesex 6:14.8, 6. Gunnery 6:15.3 **2ND HEAT 3RD FOURS, MEN** 1. Belmont Hill 5:56.8, 2. St. Marks 5:57.9, 3. Salisbury 5:59.3, 4. B. B&N 6:00.9, 5. Pomfret 6:19.6, 6. Moses Brown 6:52.2 **1ST HEAT 2ND FOURS, MEN** 1. B. B&N 5:51.4, 2. Noble & Greenough 5:58.1, 3. Groton 6:05.6, 4. South Kent 6:10.2, 5. Middlesex 6:16.8, 6. Choate-Rosemary 6:18.6, **2ND HEAT 2ND FOURS, WOMEN** 1. Salisbury 5:52.4, 2. Brooks 5:55.1, 3. Belmont Hill 5:56.4, 4. Pomfret 5:56.9, 5. St. Marks 6:04.6, 6. Gunnery 6:19.4, **1ST HEAT 1ST FOURS, WOMEN** 1. Noble & Greenough 4:36.6, 2. Choate-Rosemary 4:37.2, 3. Middlesex 4:37.3, 4. Pomfret 4:49.8, 5. Shrewsbury 5:01.9, **2ND HEAT 1ST FOURS, WOMEN** 1. Groton 4:38, 2. South Kent 4:46.8, 3. B. B&N 4:47.2, 4. Winsor 4:51.6, **1ST HEAT 1ST FOURS, MEN** 1. Salisbury 5:41.8, 2. Groton 5:47.3, 3. Brooks 5:48.3, 4. Pomfret 5:55.2, 5. Choate-Rosemary T.N.T., 6. Gunnery 6:18 **2ND HEAT 1ST FOURS, MEN** 1. Chestnut Hill 5:42.5, 2. St. Marks 5:44.1, 3. Belmont Hill 5:47.7, 4. B. B&N 5:48.8, 5. South Kent 5:56.3, 6. Middlesex 5:59.7 **1ST HEAT JUNIOR SINGLES, MEN** 1. S. Bowden at Barrington 7:15, 2. D.J. Rosse-Pomfret 7:27.2, 3. Moses Brown 7:37.9, 4. H. Trevor-St. Paul's 8:03.1, 5. R. Goddard-Oyster River 8:35 **2ND HEAT JUNIOR SINGLES, MEN** 1. South Kent 6:51.5, 2. T. Backes-Choate 7:01.0, 3. J.P. Botindarl-Belmont Hill 7:05.6, 4. R. Dreher-Oyster River TNT **PETITE FINAL 4TH FOURS, WOMEN** 1. B. B&N 4:42.5, 2. Pomfret 4:47, 3. Winsor 4:55.4, **PETITE FINAL 4TH FOURS, MEN** 1. South Kent 5:59.5, 2. Gunnery 6:07.1, 3. Middlesex 6:08.7, 4. Pomfret 6:18.5, 5. B. B&N 6:20.4 **PETITE FINALS, 3RD FOURS, MEN** 1. B. B&N 5:38.5, 2. Noble & Greenough 5:44.1, 3. Middlesex 5:44.3, 4. Gunnery 5:46, 5. Pomfret 5:56, 6. Moses Brown 6:16 **PETITE FINAL, 2ND FOURS MEN** 1. St. Marks 6:02, 2. Middlesex 6:18, 3. South Kent 6:19.5, 4. Choate-Rosemary 6:22.8, 5. Gunnery 6:24.7, 6. Moses Brown 6:40.6 **GROUND FINAL, OPEN SINGLES, WOMEN** 1. Andover 7:26.8, 2. V. Banz-Barrington 7:49.1, 3. M. Drzymierski-Choate 7:53.5, 4. S. Martin-Choate 7:54.9, 5. L. Cassals-Brown-St. Paul's TNT, 6. P. Manzella-Barrington Disq. **PETITE FINAL, 1ST FOURS, WOMEN** 1. Shrewsbury 4:32.2, 2. Pomfret 4:44, 3. Winsor 4:45.8 **PETITE FINAL, 1ST FOURS, MEN** 1. Choate-Rosemary 5:25.4, 2. Noble & Greenough 5:28.4, 3. South Kent 5:32.6, 4. Pomfret 5:34.2, 5. Middlesex 5:38.7, 6. Gunnery 5:54.5, **GRAND FINAL, 4TH FOURS, MEN** 1. Groton 5:41.6, 2. Belmont Hill 5:44.0, 3. Salisbury 5:54.8, 4. Noble & Greenough 5:56.6, 5. Brooks 5:57.8, 6. St. Marks 6:10.9, **GRAND FINAL 3RD FOURS, WOMEN** 1. Noble & Greenough 4:28.8, 2. Middlesex 4:47.6, 3. Pomfret 4:57.8, 4. B. B&N 5:18.5 **GRAND FINAL, JUNIOR SINGLES** 1. S. Bowden-Barrington 6:31.6, 2. South Kent 6:41.8, 3. Moses Brown 6:54.2, 4. Pomfret 6:58.0, 5. Belmont Hill 7:05.9, 6. Choate-Rosemary 7:24.7 **GRAND FINAL, 1ST FOURS, WOMEN** 1. Middlesex 4:14.6, 2. Groton 4:16.2, 3. Noble & Greenough 4:26.6, 4. South Kent 4:29.1, 5. Choate-Rosemary 4:32.6, 6. B. B&N 4:37.1 **GRAND FINAL, 2ND FOURS, MEN** 1. B. B&N 5:27.0, 2. Salisbury 5:29.2, 3. Brooks 5:33.4, 4. Noble & Greenough 5:33.5, 5. Groton 5:36.0, 6. Belmont Hill 5:38.3, 7. Pomfret TNT **GRAND FINAL, SENIOR SINGLES, MEN** 1. J. Wilhelm-Barrington TNT, 2. Kent 1 Foot, 3. Classical 5 Sec, 4. South Kent 5 Sec, 5. St. Paul's 9 Sec, 6. Choate-Rosemary 18 Sec. **GRAND FINAL, 3RD FOURS, MEN** 1. St. Marks 5:37.5, 2. Brooks 5:39.8, 3. Belmont Hill 5:42.7, 4. Groton 5:47.1, 5. South Kent 5:47.2, 6. Salisbury 5:56.7 **GRAND FINAL, 2ND FOURS, WOMEN** 1. Middlesex 4:38.1, 2. Groton 4:44.8, 3. Noble & Greenough 4:54.8, 4. South Kent 5:04.5, **GRAND FINAL, 1ST FOURS, MEN** 1. Brooks 5:32.8, 2. St. Marks 5:38.3, 3. Groton 5:45.3, 4. Chestnut Hill 5:48.0, 5. Belmont Hill 5:51.1, 6. B. B&N 5:52.2, 7. Salisbury Disq.

Results, Sunday, May 29, 1977

1st Heat 3rd VIII's Men 1. St. Paul's 4:49.6 2. Kent 3. Simsbury 4. E. Lyme **2nd Heat 3rd VIII's Men** 1. St. John's NO TIME 2. Exeter 3. Andover 4. Tabor **Grand Final Dbl. Sculls Women** 1. Barrington 6:49.6 **1st Heat 2nd VIII's Women** 1. Simsbury 5:44 2. Exeter 3. E. Lyme **2nd Heat 2nd VIII's Women** 1. St. Paul's 5:33.5 2. Andover 3. NMH 4. Middletown **1st Heat 2nd VIII's Men** 1. St. Paul's 4:55 2. Exeter 3. St. John's 4. Simsbury **2nd Heat 2nd VIII's Men** 1. Kent 4:45.6 2. Tabor 3. NMH 4. Andover 5. E. Lyme **Grand Final Dbl. Sculls Men** 1. Barrington 7:03 **1st Heat 1st VIII's Women** 1. Andover 5:21.8 2. Andover 3. St. Paul's 4. Shrewsbury **2nd Heat 1st VIII's Women** 1. Exeter 5:25.3 2. NMH 3. Middletown 4. E. Lyme **1st Heat 1st VIII's Men** 1. Kent 4:37 2. Exeter 3. Tabor 4. NMH 5. Middletown **2nd Heat 1st VIII's Men** 1. Andover 4:37 2. St. Paul's 3. E. Lyme 4. St. John's 5. Simsbury 6. Shrewsbury **Grand Final Pair w/out Men** 1. Chestnut Hill 5:41.2 **Petite Final 3rd VIII's Men** 1. E. Lyme 5:30.8 **Grand Final 3rd VIII's Women** 1. St. Paul's 5:56.2 2. Simsbury 3. Exeter **Grand Final 3rd VIII's Men** 1. St. Paul's 4:51.5 2. Kent 3. Exeter 4. St. John's 5. Andover 6. Simsbury **Petite Final 2nd VIII's Men** 1. Simsbury 5:00 2. Andover 3. E. Lyme **Grand Final 2nd VIII's Women** 1. St. Paul's 5:24.4 2. Andover 3. NMH 4. Simsbury 5. Exeter 6. E. Lyme 7. Middletown **Grand Final 2nd VIII's Men** 1. St. Paul's 2. Kent 3. Exeter 4. St. John's 5. Tabor 6. NMH **Petite Final 1st VIII's Women** 1. E. Lyme 5:46.6 2. Shrewsbury **Petite Final 1st VIII's Men** 1. NMH 2. Simsbury 3. St. John's 4. Middletown 5. Shrewsbury **Grand Final 1st VIII's Women** 1. Andover 5:13 2. (New Girl's record for the course; old record made in 1975 by St. Paul's 5:17.9) 2. St. Paul's 3. NMH 4. Simsbury 5. Exeter 6. Middletown **Grand Final 1st VIII's Men** 1. Kent 4:32.2 2. Andover 3. St. Paul's 4. Exeter 5. Tabor 6. E. Lyme.



Schuylkill Navy in action.

photo: Edmond J. Murray

Stotesbury Regatta

by Ken Dreyfuss

If Friday, May 20 and Saturday, May 21 were any indication, the second half-century of Stotesbury Regattas may even surpass the first. Chairman William W. Donovan, Director Al Wachlin, Secretary Evelyn Bergman and a host of Schuylkill Navy drivers and officials did a magnificent job running the 51st edition of this two-day event on Philadelphia's ever-improving Schuylkill River course.

Ridley College Prep of Ontario, Canada regained the Stotesbury Cup from Holy Spirit by a convincing five seconds. Coach Neil Campbell had five returnees from his '76 runners-up and six '77 winners can return next spring. Rowing their first full race of the season, having been on the water only seven weeks and with two first-year oarsmen in the shell, Ridley showed exemplary might in holding off Holy Spirit's exciting charge at 900 meters, then spurting to their open-water victory.

Bill Braxton Memorial Regatta

by A. Carl Helwig

The Fourth Annual Bill Braxton Memorial Regatta was held in Philadelphia on March 19th. The setting was the Schuylkill River racecourse located in the heart of the 4,000 acre Fairmount Park, the largest municipal park in the world. The spectators this year had the advantage of following the race as it progressed by an account from a launch radioed to the finish line and broadcast over the loudspeaker.

Commencing at 11:00, 25 races were run on the chilly wind blown course under bright skies. The Braxton Regatta is perhaps unique in the United States. It is run early (some northern crews were still snowed/iced in and had to cancel) and it includes High School, Colleges and Clubs, with both male and female participants and mixed crews.

The first crews to go off were the Fifth Eights. Both the Fifth Eight and Fourth Eight races had trouble with the winds and currents and the inevitable collisions occurred, forcing some of the races to be rerun. But the minor mishaps meant little to the Atlantic City crew (Fifth Eight) and the Father Judge crew (Fourth Eight) that won their respective races. For those crews and all the participants competing at that level it was probably their only chance to race a "real race" (complete with awards for each competitor) all year.

The Freshmen, Dad Vail Eight class trophy was captured by a fine looking Marietta crew (Bill Braxton's alma mater) completely dominating Wesleyan from start to finish.

The Elite College Eights paired University of Pennsylvania crews against each other, the Penn "B" crew beating the "A" crew by a scant one second.

In the Junior Varsity Dad Vail class, St. Josephs College opened water early, in second place was La Salle with



LaSalle College crew accepts the Braxton Cup.

Wesleyan and Washington finishing third and fourth.

The Varsity Dad Vail proved to be the most exciting race of the day. Wesleyan took an early and commanding lead, but an aggressive St. Joseph College, after a quarter mile, took up the stroke and inched ahead. A non competing crew cut in front of St. Joseph's forcing them to use diversionary tactics but in spite of that St. Joseph's won easily (by 4 1/2 seconds)

(Cont'd on next page)

West Park, Father Judge, F.D. Roosevelt and Kent School followed the leaders in the Grand Final. Having some bearing on the finals might have been the superb Friday qualification heats which saw Fort Hunt, Liverpool (the Petite Final winner), J.E.B. Stuart and Washington and Lee crews fight to the wire for a spot in the finals.

photo: Edmond J. Murray



King's Club Cup winners Mac Eachern, Donnon, Preine, Cox Matson, and Winter.

Coach Paul Day's defending Varsity Four champion Harrington High School showed a new lineup, shell, oar-colors and the results of two kamikazi-like weeks of practice in their aggressive first 850 meters. Determined Philadelphia City Champs, Chestnut Hill Academy, hung tough and then reached back for a four-second win and their first-ever Kings Club Cup.

West Catholic High School dominated the sculling field, winning the Varsity Quad, Varsity Double and Junior Quad events. However Coach Bill Mastalski shuffles his men, they seem to turn out on top.

West Park won the 1000 meter Girls Eight Championship in 3:37.9. T.C. Williams, a close second in the eights, won the Girls Four With, Junior eight and Single events.

Convincing winners were St. Joseph Prep's Paul Horvat and Jim Cushewa in Pairs without cox, LaSalle's Four without cox, St. Catharine's pair with cox and Mt. Carmel's Junior Double and Junior Single.

Ridley's all-novice Junior Eight, coached by John McIntyre, won their event by a fraction over Holy Spirit. Dave Washburn's Northern Virginia Champion Junior Four from St. Andrews was easily the class of their field.

Father Judge won the third eight and St. Catharines took the Lightweight eight.

The presence and victory of World Youth medalist sculler Greg Montesi, working toward his June 23rd Trials and a shot at the Youth Championship, added still more class to an already classy event. Congratulations everyone.

over second place Wesleyan, followed by Vesper, then Washington and Villanova.

In the women's college/club Eight competition, Vesper boat club took an early lead and won by several boat lengths over Marietta followed by Wesleyan and St. Joseph's.

The High Schools had a full day of racing with Father Judge winning the Junior Varsity Eight, Holy Spirit High School the first Varsity Eight Race, and because of the number of entries, a second Varsity Eight race was held with La Salle beating Monsignor Bonner by four seconds with St. Joseph's Prep one second behind in the closest race of the day.

The Braxton Cup for the best lightweight Varsity Eight in the College Dad Vail category is the big race of the day. La Salle College took an early lead over Marietta, never relinquished it and won going away by more than 10 boat lengths. The La Salle crew finished at 30 strokes per minute and was pulling away from Marietta, rowing at 35.

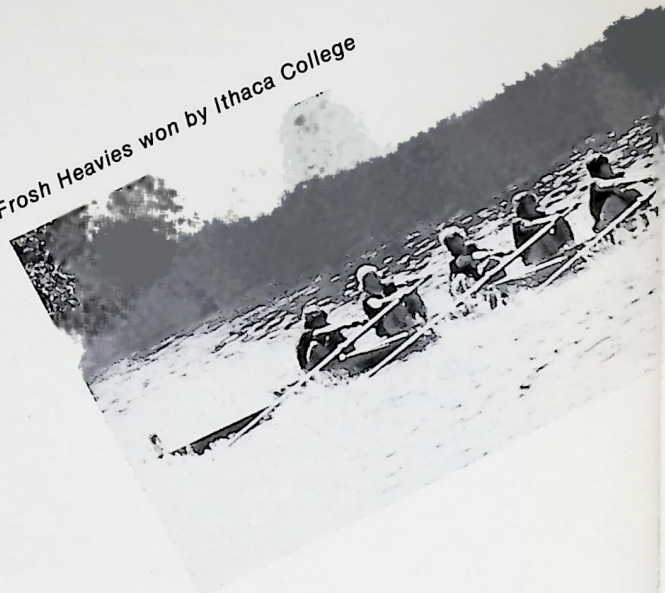
This the Fourth Annual Bill Braxton Memorial Regatta was the best ever, and once again it is a tribute to: the regatta committee, the oarsmen, their friends and coaches; Jim Millar, the recipient of the first Bill Braxton Memorial Scholarship and to future recipients. Billy Braxton, an enthusiastic and dedicated student oarsman and friend who met an untimely death at a young age, but who lives on through the regatta and the scholarship program the regatta supports.

Fifth Eight - High School: Atlantic City High School, **Girls' Eight -1- High School:** Philadelphia Girls' Rowing Club, **Girls' Eight -2- High School:** Upper Merion High School, **Freshman Eight, Lightweight, Earc:** University of Pennsylvania "B", **Fourth Eight - High School:** Father Judge, **Elite Pair:** Fairmount Rowing Association, **Third Eight - High School:** Atlantic City High School, **Elite Double:** Potomac Boat Club, **J.V. Four - High School:** Upper Merion High School, **Elite Four:** University of Penn "A", **Freshman Eight, Dad Vail:** Marietta, **135 lb. Eight - High School:** Holy Spirit, **J.V. Eight - High School:** Father Judge, **J.V. Eight - Dad Vail:** St. Joseph's College, **Varsity Four - High School:** St. Joseph's Prep, **Women's Eight:** Vesper, **Varsity Eight, Dad Vail:** St. Joseph's, **Elite Eight:** University of Pennsylvania "B", **Varsity Eight - High School:** Holy Spirit, **Freshman Eight - Earc:** University of Pennsylvania "B", **Varsity Eight - High School:** La Salle High School, **Junior Varsity Eight - Earc:** University of Pennsylvania "A", **Lightweight Varsity Eight, Dad Vail:** La Salle College, **Eight 500 Meter Dash - High School:** Marietta, **Eight 500 Meter Dash - Open:** University of Pennsylvania.

Upper Merion JV Four.



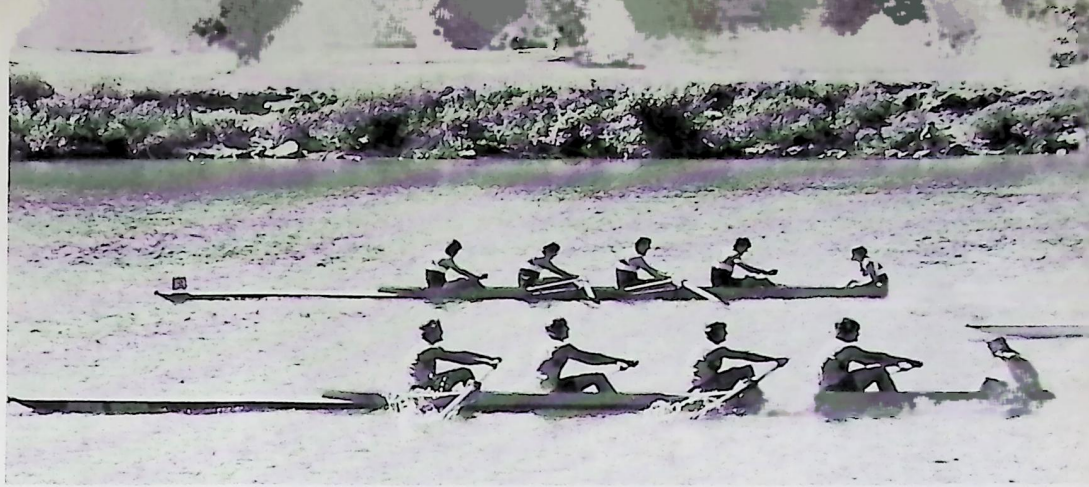
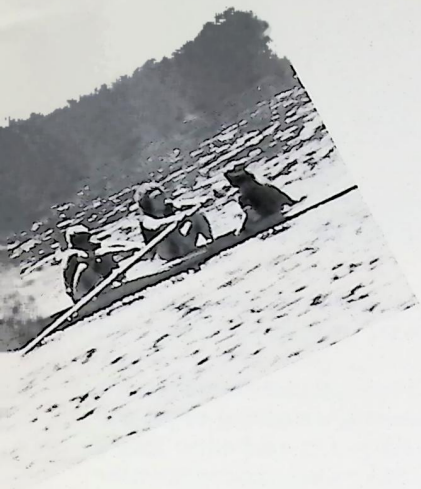
Frosh Heavies won by Ithaca College



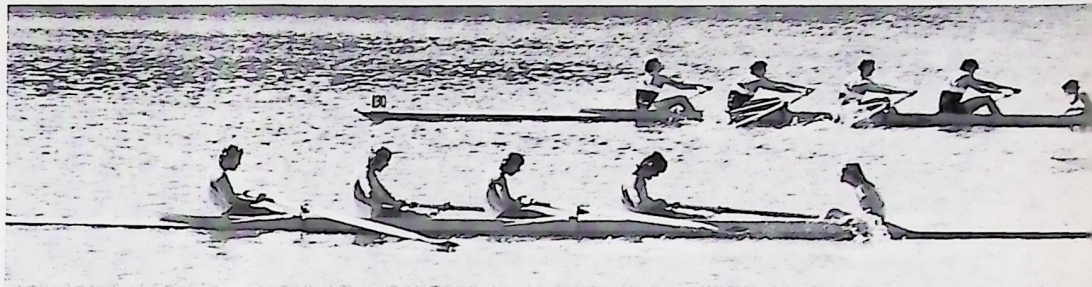
Dad Vail Regatta

Coast Guard Varsity.





Varsity Fours



Varsity Heavies.



Lightweight Varsity - Coast Guard the winner.





photos: Nancy Wasserman

The Yale women's varsity heavyweight crew captured their first E.A.W.R.C. sprint championship Sunday, May 15, in one of the most exciting championship finals in recent memory. After the first thirty strokes on Lake Quinsigamond in Worcester, Mass., it was evident that the battle would be between first-seeded Radcliffe and second-seeded Yale. And quite a battle it was — for the full 1500 meter distance.

Yale grabbed a quick one-seat lead as both crews settled after fifteen strokes, and then upped the margin to five seats with 500 meters gone. There, undefeated Radcliffe made their move and at a solid 37 strokes per minute drove by Yale. The black-shirted oarswomen, winners of the 1973, 1974, and 1975 sprints, established a strong seven-seat lead with only 400 meters remaining.

At that point Yale stroke Anne Warner hiked Yale's cadence from 36 to 39, and the Elis suddenly narrowed the gap. With twenty strokes to go, the two crews dead even, both eights raised the stroke once more — Yale to a 41 and Radcliffe to a 40.

Yale broke away, crossing the finish line in 4:50.3 to Radcliffe's 4:51.7. Princeton, coming on strongly at the end, took third place in 4:52.7, while defending champion Wisconsin finished fourth in 4:53.8. Fifth-seeded Dartmouth was fifth in 4:59, and sixth-seeded Syracuse sixth in 5:03.9.

For the second consecutive year, the University of Pennsylvania captured the varsity heavyweight four title. This year Penn took command of the race in the first 500 meters, and continued to move away from the rest of the seven-boat field throughout the contest. Never seriously threatened, Penn Wellesley Four With winners: Bow: Kim Cooke, 2: Polly Munts, 3: Karen Cunningham, 4: Eleanor Horrigan, Cox: Ping Chow.

crossed the line in 5:47.4, while second-place Yale finished in 5:52.0. MIT, Georgetown, Syracuse, Boston University, and Wellesley followed in that order.

In the varsity lightweight eight event, Radcliffe withstood a blazing last-minute sprint by three-time defending sprint and national champion Boston University and held on to take a close one-seat victory. With only 350 meters remaining in the contest, Radcliffe held a convincingly solid full-length lead, and the race appeared to be over.



But BU, sporting five returning oarswomen from last year's boat, upped their cadence from a 35 to a 39 and began to move back. Radcliffe's lead steadily dissipated, but for BU it was too late. Radcliffe finished in 5:23.6, and BU in 5:23.9. Sixth-seeded Williams was third in 5:33.8, seventh-seeded Notre Dame fourth in 5:35.4, Penn edged Radcliffe's junior varsity for fifth by .1 seconds in 5:36.7, and MIT brought up the rear in 5:43.6.

The junior varsity heavyweight eight race saw favored Radcliffe steal a three-quarter length victory from a strong Wisconsin crew in the last 500 meters. The victory marked the third consecutive year Radcliffe had taken top honors in the event, and it preserved their record of never having lost a race.

Radcliffe took a quick two-seat lead at the start and expanded the margin to four seats at the 1000-meter mark. There they made their bid as stroke Julia Moore cranked the cadence from 36 to 38, and fourth-seeded Wisconsin found themselves

Wisconsin Novice winners: Bow: Betsy Aaron, 2: Molly Duffy, 3: Meg Galloway, 4: Cindy Walters, 5: Jane Ludwig, 6: Barb Hasz, 7: Janet Halvorson, 8: Beth Ebert, Cox: Colleen Mellen.

EAWRC Sprints

by James E. McGrath



three and a half seconds behind Radcliffe's 5:04.2 at the finish. Dartmouth, Princeton, Cornell, Connecticut College, and Brown took third through seventh respectively.

Wisconsin took the novice heavyweight eight race in convincing form, winning the event in 5:23.2. Yale was second in 5:24.9, while Dartmouth, MIT, Rutgers, and Radcliffe trailed in that order. Wisconsin built up a half-length's lead with 500 meters gone, and expanded it to a full length by the 1000. But there Yale mounted a strong challenge, and cut the margin



Yale Varsity Winners: Mary O'Connor, Ginny Gilder, Elaine Mathies, Cathy Pew, Anne Boucher, Lynn Baker, Anne Warner, Lynn Alvarez.

back to less than half a length at the finish. It was the second consecutive year Jay Mimier's novices have won the event. Last year they easily walked away from a strong field, scoring an impressive open-water victory.

Another repeating winner was Wellesley in the varsity lightweight four race. Wellesley took top honors in 5:51.0, while Yale was second in 5:57.8, and Radcliffe third in 5:59.8. Wellesley, even with Yale after 500 meters, powered out in front in the middle 500 and established a solid open-water lead. In the last 500 meters Yale was simply unable to narrow the gap and never actually moved into striking distance. Radcliffe put on a strong closing sprint which left them half a length behind Yale in third place. Four lengths behind, Clark edged Cornell by a mere .2 seconds for fourth, and Cornell nipped MIT by an identical margin for sixth.

In the novice four final, Boston University edged a tough Penn crew by .3 seconds for first place. Wellesley, Barnard, Cornell, and Yale trailed the two leaders over the line.

This year a record-breaking twenty-two colleges sent crews to the regatta, a number which speaks well of the recently developed interest and participation in women's crew. Especially indicative of this was the strong novice field, as twelve crews vied for the eight title, and eleven for the fours title. Moreover, the novice four winning time of 5:44.2 topped the varsity heavyweight four winning time by 3 seconds; despite the slightly stronger tailwind, the time speaks well of the developing depth of many college programs. The competitiveness in this year's novice eight race, after Wisconsin so convincingly dominated the event last year, echoes the same idea.

Special thanks to Dave Ploss, Ken Burns et al., Liz deBethune and Lynn Baker.

E.A.W.R.C. SPRINTS RESULTS

May 15, 1977, Worcester, MA

NOVICE EIGHT GRAND FINALS 1. Wisconsin 5:23.2; 2. Yale 5:29.9; 3. Dartmouth 5:37.6; 4. M.I.T. 5:34.9; 5. Rutgers 5:38.3; 6. Radcliffe 5:47.6; **NOVICE FOUR GRAND FINALS** 1. B.U. 5:44.2; 2. Penn. 5:46.9; 3. Wellesley 5:51.2; 4. Barnard 5:57.0; 5. Cornell 6:00.6; 6. Yale 6:09.8 **SECOND VARSITY PETITE FINALS** 1. Mt. Holyoke 5:26.8; 2. Rutgers 5:31.9; 3. U.N.H. 5:42.3 **SECOND VARSITY GRAND FINALS** 1. Radcliffe 5:04.2; 2. Wisconsin 5:07.9; 3. Dartmouth 5:09.0; 4. Princeton 5:10.9; 5. Cornell 5:24.8; 6. Conn. 5:25.8; 7. Brown 5:31.9 **LIGHT FOUR FINAL** 1. Wellesley 5:51.0; 2. Yale 5:57.8; 3. Radcliffe 5:59.8; 4. Clark 6:13.5; 5. Cornell 6:13.7; 6. M.I.T. 6:13.9 **LIGHT EIGHT FINAL** 1. Radcliffe 5:23.6; 2. B.U. 5:23.9; 3. Williams 5:33.8; 4. Notre Dame 5:35.4; 5. Penn. 5:36.7; 6. Radcliffe 5:36.8; 7. M.I.T. 5:43.6 **HEAVY FOUR FINAL** 1. Penn 5:47.4; 2. Yale 5:52.0; 3. M.I.T. 5:58.7; 4. Georgetown 5:58.8; 5. Syracuse 6:13.4; 6. B.U. 6:32.2; 7. Wellesley 6:39.3 **THIRD VARSITY EIGHT FINAL** 1. Mt. Holyoke 5:12.0; 2. Cornell 5:16.0; 3. U.N.H. 5:20.2 **Varsity EIGHT PETITE FINAL** 1. Rutgers 5:10.0; 2. Conn. 5:12.6; 3. U.Mass. 5:04.9; 4. Brown 5:15.1; 5. Williams 5:15.3; 6. U. VA. 5:27.3 **Varsity EIGHT GRAND FINALS** 1. Yale 4:50.3; 2. Radcliffe 4:51.7; 3. Princeton 4:52.7; 4. Wisconsin 4:53.8; 5. Dartmouth 4:59.0; 6. Syracuse 5:03.9.

Radcliffe Lights with coach.

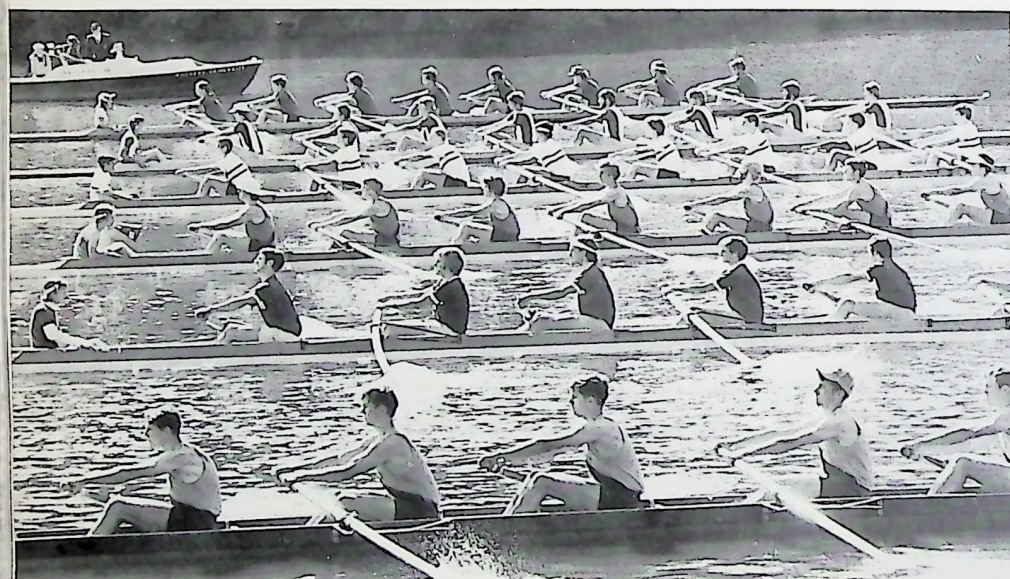
photos: McGrath





Varsity Heavy Final from 1000m mark.

EARC Sprints



JV Heavy final.



Coaches' Grandstand.



Light Varsity Winners.



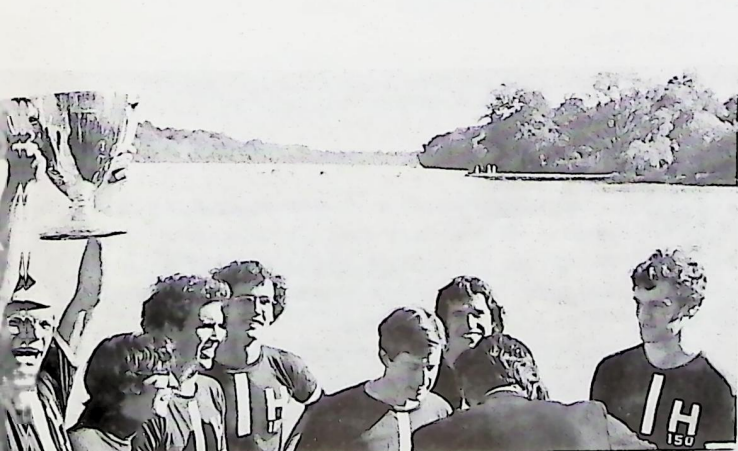


Penn Frosh.

Varsity Heavy Winners.



JV Heavy Winners.



IRA Regatta by Paul Jirak

Photos: Nancie Battaglia

(Syracuse, N.Y.) — The 1977 edition of the IRA Regatta, the 75th, was bigger if not better. This year's entry of 92 crews in eight events was the largest ever and is as good an indication as any of the health of college rowing and the significance of the IRA's as a national championship. The west coast contingent has grown consistently and this year five west coast teams entered six events. The University of California (Berkeley), the defending varsity eight champion, had both a varsity and second varsity eight. Oregon State University entered a varsity eight. The University of California (Santa Barbara) brought a varsity four/with. A freshman four/with from Long Beach State and a varsity pair/with from San Diego State were those schools only entries.

What about the races, you ask? As if to make up for last year's three sunny, absolutely windless days, mother nature gave us three, sometimes sunny, always windy days this year. The officials pushed Thursday's and Friday's qualifying races ahead two hours hoping for flat water; which they got for about four races. For the remainder of Thursday, crews had to deal with a side wind which gradually shifted North and turned into a stiff headwind. On Friday, the wind stayed there and continued unabated until Saturday when it died down — after the races of course.

The wind was the main topic of conversation but there was some other regatta scuttlebut. Could Cornell beat Pennsylvania a second time after defeating them in a dual race the week before? Even if they could, how strong would Cal and OSU be? Would Penn's JV eight walk away with the IRA

crown the same way they won the sprints? Did Syracuse Freshmen coach Drew Harrison have another IRA winner up his sleeve? And, of course, there was speculation about the small boats right up till the finals. Enough with the questions, here are some answers.

FRESHMAN FOUR WITH

The 15 crews in this event had the consistently best water to race on but they had to pay the price. When the decision was made to move the qualifying races up two hours, it meant that these oarsmen had to be on the starting line at 6:30 a.m.

Regardless, Long Beach State won its heat but was still an unknown element going into the finals. Rutgers and Princeton won their heats as expected, being the remnants of two Eastern Sprints eight finalists. All of Friday's repechage wins were big. Columbia, showing signs of an improved program, had two fours. The "A" boat qualified on Friday with an 11 second margin of victory over MIT. Yale won its repechage by 5 seconds and Rhode Island by 7 seconds.

Saturday's finals were run in the afternoon as scheduled and these fours had their roughest water of the regatta to race in. None of that bothered Princeton though as they rowed as best they could despite the conditions and went on to beat Rutgers by 9.8 seconds. The Princeton Freshmen eight was the second place finisher in the Eastern Sprints and figured to be in contention for the Freshmen eight title here. Due to injuries, they were forced to send on a four instead.

Championship Race

1. Princeton (Bow — Sam Whalen; 2 — Phil Meade; 3 — Mike Evans; 4 — Stroke — Greg Love; Cox — Bill Summerhill) 8:11.3, 2. Rutgers — 8:21.1, 3. Yale 8:22.8, 4. Columbia "A" 8:31.7, 5. Rhode Island 8:31.9, 6. Long Beach State 8:34.9

Petite Finals 1. Syracuse 7:59.9, 2. Wisconsin 8:00.2, 3. MIT 8:04.2, 4. Navy 8:06.5, 5. Penn 8:09.5, 6. Cornell 8:17.5 **Third Level Finals** 1. WPI 8:58.7, 2. Dartmouth 9:17.5, 3. Columbia "B" 9:20.7

VARSITY PAIR WITH

Entries in this event increased 4x over last years pair of pairs. Defending champion Navy did not enter a crew and San Diego State appeared to be the favorite. As victors of the Head of the Harbor and other west coast races, they were the only race-seasoned pair/with. On Thursday, they defeated Yale by 11 seconds. Rutgers won the second heat.

Friday's repechage only eliminated two of six crews as Dartmouth and Cornell had the dubious distinction of being the only two crews in the petite finals. Yale won the Friday repechage. Wisconsin was second, Princeton third and Syracuse fourth.

Saturday's final was postponed till after the eights races at the end of the day in hope of getting better water. Yale took advantage of the delay and the stiff headwind that was still blowing and reversed the results of Thursdays race as they barely nipped San Diego.

Championship Race

1. Yale (Bow — Ted McGraw; Stroke — Peter Grubstein; Cox — Sumel Kagel) 9:01.5, 2. San Diego State 9:01.8, 3. Wisconsin 9:08.4, 4. Princeton 9:19.1, 5. Rutgers 9:23.2, 6. Syracuse 9:42.9 **Petite Finals** 1. Dartmouth 9:27.9, 2. Cornell 9:38.4

VARSITY PAIR WITHOUT

As the only defending champion to return the whole boat in the same event, Rutgers was favored. Scrapping their Varsity eight, which had a miserable season, Rutgers entered three of the four small boats events. On paper this was their best chance for an IRA championship.

Rutgers won its heat by 12.2 seconds but they were slower than the winner of the first heat by the same margin. On Friday, Wayne State, Wisconsin, Marist and Kansas State were first and second in their respective repechages and went

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to the finals.

On Saturday, Wayne State followed Yale's example from the previous championships race. Taking advantage of the flatest water of the day, Wayne State came back from their Thursday loss to Pennsylvania to win the championship.

Championship Race 1. Wayne State University (Bow — Brian Brennan; Stroke — Gary Woldyla) 8:22.1, 2. Rutgers 8:26.5, 3. Kansas State 8:31.0, 4. Marist 8:42.1, 5. Penn 8:48.0, 6. Wisconsin 8:59.0 **Pettite Finals 1.** Cornell 8:55.2, 2. Syracuse 8:57.0, 3. Penn "B" 9:08.1, 4. WPI 9:11.1, 5. MIT 9:14.7

VARSITY FOUR WITH

There were all the indications of another toss-up race for this event which had 11 crews entered. There were several broken up eights, but none of the entrants had much race time. Princeton stood out by qualifying the first day with an incredible 24.6 second margin of victory. Santa Barbara won the second heat with a 7.8 second slower time than Princeton.

On Friday, Coast Guard, Navy, Rutgers and Penn "A" qualified for the championship race. There would be no repechage upset winner in this final as both Princeton and Santa Barbara took off from the rest of the field. Princeton did not want to make much of a contest out of it, however, and rowed to a 16.2 second victory over Santa Barbara.

Championship Race

1. Princeton (Bow — Scott Fischer; 2. Dwight Keller; 3. Dan Kinser Stroke — Lawrence Smith; Cox — Mike Cunningham) 7:50.3, 2. Santa Barbara 8:06.5, 3. Navy 8:09.4, 4. Rutgers 8:09.7, 5. Penn "A" 8:11.8, 6. Coast Guard 8:13.3 **Pettite Finals 1.** WPI 8:11.1, 2. Rhode Island 8:27.2, 3. Boston U, 8:36.8, 4. Penn "B" 8:48.9, 5. MIT 8:58.4

VARSITY FOUR WITHOUT

Wisconsin, defending champion in this event, could not mount a serious defense as Coast Guard and Penn "A" cruised in to first day victories with 4.5 second and 9.4 second victory margins respectively.

On the second day of qualifying, Wisconsin was third in their repechage but only the first two places qualified, so they were out of it. In that repechage, Syracuse won and Dartmouth was second. In the second repechage, WPI and Marist College both beat Princeton, who entered their slower four in this event.



Cornell, of course

Penn got its first of two wins on Saturday when their straight four came off a bad start to overtake WPI and defeat them by 09.5 seconds.

Championship Race 1. Penn "A" (Bow — Don Smith; 2. Bernard Deriath; 3. John Mocha; Stroke — Wayne Shafer) 7:34.5, 2. WPI 7:44.0, 3. Coast Guard 7:45.9, 4. Syracuse 7:50.2, 5. Marist 7:57; 6. Dartmouth 8:01.9 **Pettite Final 1.** Princeton 7:58.5, 2. Wisconsin 8:15.5, 3. Penn "B" 8:22.0

FRESHMAN EIGHT

The big question this year was whether or not Syracuse's Frosh coach Drew Harrison could keep his record going. In his three years at Syracuse, Harrison's crews have earned third, second and first place in succession. The only way this year's freshmen could have topped last year's come from behind winners was by leading the race from start to finish. But first things first.

Eastern Sprints winner, Pennsylvania, surprised everyone as they finished only fourth on the first day heats. Yale, third in the Sprints won that heat, beating Wisconsin by 2.7 seconds. In the second heat, Syracuse beat four crews it had previously beaten in dual races and in the Sprints.

In the repechages, Penn redeemed themselves as they,
(Cont'd on next page)

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Northeastern and Cornell and Wisconsin qualified for the finals. Four of the six finalists were the same as in the Sprints. Wisconsin and Cornell replaced Princeton and Rutgers.

Princeton was conspicuous in their absence. Despite their second place Sprints performance, they lacked the depth to replace an injured oarsman. As a result they decided to send only a Freshman Four/With.

The championship race was decided after 30 strokes, when Syracuse, taking a longer start than most of the other crews, found itself five seats up on Pennsylvania. Syracuse lengthened its lead throughout the race and let Cornell and Pennsylvania fight for second place. Cornell put on a strong closing effort to pass Penn at the line as they beat Penn by a scant 0.9 seconds.

Championship Race

1. Syracuse (Bow — Kevin Rung; 2. Dave Fish; 3. Peter Henriques; 4. John Stockwell; 5. Jeff Braun; 6. Steve Anthony; 7. Gerry Henwood; Stroke — Art Sibley; Cox — Ozzie Street) 7:23.2, 2. Cornell 7:28.0, 3. Penn 7:28.9, 4. Yale 7:31.0, 5. Wisconsin 7:46.4, 6. Northeastern 7:53.2 **Petite Final** 1. Dartmouth 7:03.8, 2. Brown 7:10.1, 3. B.U. 7:13.4, 4. MIT 7:13.6, 5. Navy 7:19.2

SECOND VARSITY EIGHT

Thursday's heats were rowed in increasingly rough water but that failed to stop pre-race favorites Pennsylvania and California. California won its heat after walking through Syracuse who had close to a length on them at the 500 meter mark. Penn easily won its heat as they and Yale repeated their 1-2 Sprints finish.

On Friday, B.U., absent from the Eastern Sprints, qualified with Navy. In the other repechage, Yale and Wisconsin finished 1-2 to round out the field. Syracuse was the only Sprint finalist at the IRA's that did not qualify for the finals, having a tougher time handling the rough water than most other crews.

The vaunted California-Penn duel never materialized. Penn had defeated Washington by inches early in the season. Later on, California's JV's beat Washington by a large margin, setting up what looked to be a California victory here in Syracuse. As if to prove how futile such deductions can be in rowing, Pennsylvania did the same as the Syracuse Freshmen. Penn got an early lead on the field and despite some challenges from Cal, won it by open water.

Championship Race

1. Pennsylvania (Bow — Rob Lemon; 2. Hanley Bodek; 3. John Kartus; 4. Mike Beck; 5. Rob Johnson; 6. Terry Eckert; 7. Alex Cook; Stroke — Mark Bozenski; Cox — John Chatzky) 6:51.3, 2. California 6:55.3, 3. Navy 6:57.2, 4. Yale 6:58.8, 5. B.U. 6:59.8, 6. Wisconsin 7:08.4 **Petite Finals** 1. Syracuse 7:09.0, 2. Brown 7:10.6, 3. Cornell 7:19.5, 4. Northeastern 7:30.5, 5. Columbia 7:37.0

VARSITY EIGHT

The Varsity Eight race usually generates excitement and receives much build-up regardless of whether or not it is warranted. This year's Varsity Cup race and the events leading up to it were exciting in some unexpected ways. The large field of 16 crews provided some interesting match-ups and necessitated three heats on Thursday.

As previously mentioned, Thursday's races were moved ahead two hours in an effort to beat the wind. The first few crews were lucky enough to have flat water at 6:30 a.m. but by 10:15, time for the varsity eight, the wind had picked up enough to generate a 1 to 1-1/2 foot chop.

Besides the weather, Cornell had to contend with Brown in the first heat. Brown upset Cornell in the qualifying heat in the Eastern Sprints but were later disqualified for a lane violation. Cornell made sure that did not happen again as they defeated Brown by 3.9 seconds. Penn's toughest competition in the second heat was Syracuse who pressed Penn hard the whole way but could not manage to catch them. Once Penn got a length at 100 meters gone, they were not to be denied and won walking away.

By the time the third heat was on the starting line (for the third time after two false starts), the water was too rough to race in, so the officials postponed it till Thursday evening. Come Thursday evening, conditions were no better. The heat was further delayed until Friday morning — 6:30, of course.

Flat water prevailed and everyone expected the two west coasters, Cal and OSU, to battle it out. OSU had defeated California earlier in the season, so the Cal oarsmen had both a championship to defend and a loss to avenge. Wisconsin was content to let California key on OSU and vice-versa as it made its bid to qualify in the same heat. OSU was never in the race as California got out early and walked. Wisconsin stuck with Cal as coach Jablonic's admonition to win the heat or stay on the water till the repechage must have done some good. Wisco sprinted by Cal at the end to beat them by only 0.8 seconds. OSU was a distant third, 8.6 seconds behind Cal.

The repechages were run later the same evening. OSU won its repechage to qualify as did California who had to shake a determined Coast Guard crew. Syracuse looked to be a sure winner of its repechage against Yale, B.U., Columbia and Kansas State. However, Yale and B.U. got out to an early lead and when Yale was up a length on Syracuse they steered into Syracuse's lane for, some say, as long as twenty strokes. Syracuse coach Bill Sanford filed a protest imme-

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I certify that the statements made by me above are correct and
complete.

(signed) E.H. Bayer, Treasurer
National Association of Amateur Oarsmen

Cornell



Syracuse Frosh



diately after Yale edged out B.U., and Syracuse placed third. After three hours of deliberation, the chief judge and referee decided that although Yale was in Syracuse's lane Yale did not impede Syracuse's progress and the Yale coxswain responded to the referee when she was instructed to move back into her own lane. Yale was then the official winner and went into the finals.

By the Saturday afternoon, all eyes were on Cornell and Penn as they figured to be the teams to beat. Few people were surprised then when by 500 meters Penn had a few seats on Cornell and both were a length up on the field. Cornell waited no longer to make a move as they took off on Penn and went ahead by 750 meters gone. Cornell continued to walk and had close to a full length at the finish. California, in the third place, was 7 seconds behind Pennsylvania.

The seven seniors in Cornell's boat were the same oarsmen who won the Freshmen eight title four years ago. They even had the same coach. Findley Meislahn was the Freshmen coach up till this past year when he took over the head

coaching spot from Doug Neil.

Championship Race

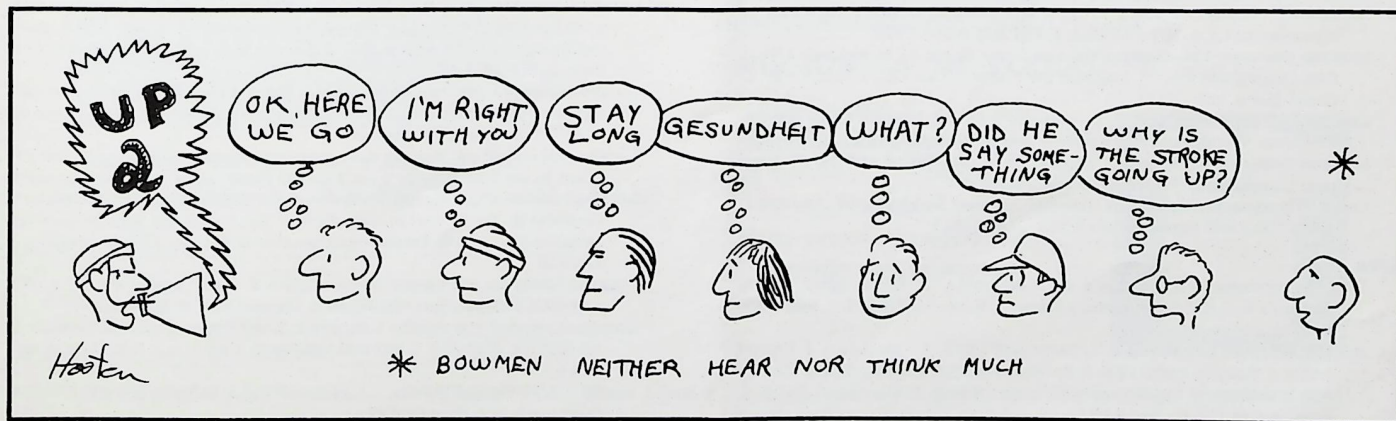
1. Cornell (Bow — Jim Farrell; 2. Craig Drake; 3. Craig Buckhout; 4. Doug Nordham; 5. Steve Dahlem; 6. Chip Lubsen; 7. Fank Gary; Stroke — Glenn Chapman; Cox — Jim Howe) 6:32.4 2. Penn 6:34.9, 3. California 6:41.9, 4. Yale 6:44.1, 5. OSU 6:45.0, 6. Wisconsin 6:48.4 **Petite Finals** 1. Syracuse 6:33.1, 2. Northeastern 6:43.6, 3. Brown 6:44.6, 4. Coast Guard 6:46.0, 5. MIT 6:48.3, 6. B.U. 6:51.0 **Third Finals** 1. Navy 6:53.3, 2. Dartmouth 6:55.4, 3. Kansas State 7:04.9, 4. Columbia 7:10.3

TEN EYCK POINT TROPHY

There was little doubt in anyone's mind about what Pennsylvania was up to when they arrived six days before the IRA's with no less than 12 shells! Despite scratching two pairs, it would have been hard for them not to win the point trophy. Penn wound up with six of their ten crews in championship finals. Even if the second and third place finishers combined their points, they would have beaten Penn by only seven points.

1. Pennsylvania 348.9, 2. Yale 178.5, 3. Syracuse 177.2, 4. Wisconsin 156.1, 5. Cornell 153.5, 6. California-Berkeley 112.1, 7. Navy 107.2, 8. Princeton 86.3, 9. B.U. 81.4, 10. Northeastern 78.9

Penn JV's



Regatta Results

NOTE:
All 1978 Regatta Hosts send Regatta
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MARCH 19

JV 8: 1. OCC 6:39.7, 2. UCLA 6:43.6, 3. UC Irvine 7:06.1 Frosh 8: 1. OCC 6:46.7, 2. UCLA 6:56.7, 3. UC Irvine 6:57.8 2nd Frosh 8: 1. UC Irvine 6:53.0, 2. OCC 6:54.1 Varsity 4: 1. UCLA 7:28.6, 2. OCC 7:41.9 Frosh 4: 1. UC Irvine 7:32.7, 2. OCC 7:38.0, 3. UCLA 7:47.7

MARCH 28

Lincoln, Nebraska: Varsity Men's 8: 1. Kansas State, 2. Nebraska Varsity Women's 8: 1. Kansas State, 2. Nebraska Frosh 8: 1. Kansas State, 2. Nebraska Novice Women's 8: 1. Kansas State, 2. Nebraska
Chester River Men's 8: 1. Washington College 7:12, 2. St. Joseph's, 3. Georgetown, 4. St. Joseph's JV
Location Unstated: HW Varsity: Yale over Dartmouth by 5, FTU by 10 and Tampa by 11 seconds HW JV: Yale over Dartmouth (150) by 5, Dartmouth (JV) by 12 seconds and Miami by unstated amount HW Frosh: Yale A over Dartmouth by 5, Yale B by 6 and Dartmouth (150) by 18 seconds.

APRIL 2/3

Lincoln, Nebraska: Varsity Men's 8: 1. Nebraska, 2. Washburn Frosh 8: 1. Nebraska, 2. Washburn
Conn. River, Middletown, Ct.: Varsity 8: 1. Wesleyan 7:06.5, 2. URI 7:59.0 4's: 1. Wesleyan 7:02, 2. URI 7:07, 3. Wesleyan 7:14
Seekonk River, R.I.: JV 8: Brown over U. Mass by 7.5 seconds Varsity 8: U. Mass over Brown by 7 seconds
Housatonic River, Ct.: Varsity 8: 1. Yale 4:27.4, 2. Conn 4:34.9 JV 8: 1. Yale 4:25.2, Conn 4:46.0
Schuylkill River, Pa.: Varsity 8: 1. Penn 5:01.6, 2. Barnard 5:13.1
Lincoln Park Lagoon, Ill.: Frosh 8: 1. Wisconsin 3:01.0, 2. Chicago 3:18.5 Varsity 8: 1. Wisconsin 3:11.0, 2. Chicago 3:20.3
Chester River, Varsity 8: 1. Washington 5:45, 2. Duke 6:02, 3. GWU 6:09
Mission Bay, Ca.: Varsity 8: 1. LBRA 2:43.7, 2. Penn 2:45.6, 3. Cal-Berkeley 2:50.6, 4. LMRC 2:53.7, 5. LBSU 2:54.3, 6. UCLA 2:58.1
Schuylkill River, Pa.: Varsity 8: 1. Rutgers JV 5:21.0, 2. Penn 5:24.1, 3. Rutgers Varsity 5:24.5 3rd Varsity: 1. Rutgers 5:41.0, 2. Penn 5:46.5
San Diego, Ca.: HW Varsity: Penn and Washington in photo-finish over Oregon State by 7, Cal by 11, Princeton by 13 and Cornell by 15 seconds HW JV: Penn over Washington and Navy HW Frosh: Orange Coast over Washington
HW Varsity: Coast Guard over UBC by 2 and Navy by 6 seconds

APRIL 9/10

Wichita, Kansas: Varsity Men's 8: 1. Wichita State, 2. Nebraska Varsity Women's 8: 1. Wichita State, 2. Nebraska J.V. 8: 1. Wichita State, 2. Nebraska Novice Women's 8: 1. Wichita State, 2. Nebraska
Lincoln, Nebraska: Varsity Men's 8: 1. Nebraska, 2. Minnesota, 3. Nebraska Lt. Varsity Women's 8: 1. Minnesota, 2. Nebraska, 3. Nebraska
Schuylkill River, Pa. JV 8: 1. Princeton 5:00, 2. Penn 5:04.4, 3. Rutgers A 5:10.2, 4. Rutgers B No time Varsity 8: 1. Princeton 4:50.2, 2. Penn 4:58.6, 3. Rutgers 5:01.2, 4. GWU No time
Charles River, Boston, Ma.: Varsity 8: 1. Yale 3:54.0, 2. BU 4:09.0 JV 8: 1. BU 4:25.0, 2. Yale 4:50.0 3rd Varsity: 1. Yale 4:38.6, 2. BU 4:48.7 4th Varsity: 1. Yale 4:33.4, 2. BU 4:44.8
Rivanna River, Va.: Men's 8: 1. Cornell Varsity 5:08, 2. Cornell JV 5:18, 3. U. Va. Varsity 5:19, 4. Duke 5:30
Charles River, Boston, Ma.: Varsity 8: 1. Durham B.C. 6:04.9, 2. MIT 6:15.5, 3. Wesleyan 6:29.9 2nd Boats: 1. MIT Frosh 6:34.6, 2. Durham B.C. 6:38.3, 3. Wesleyan 6:57.4, 4. MIT JV 7:03.6, 5. MIT 2nd Frosh 7:09.6
Location Unstated: LW Varsity: Yale over Coast Guard by 10 seconds LWJV: Coast Guard over Yale by 1 second LW Frosh: 1. Yale 7:22, 2. Trinity 7:25, 3. Coast Guard 7:56
Location Unstated: HW Varsity: 1. Princeton 6:16.9, 2. Rutgers 6:19.8 HW JV: Princeton over Rutgers HW Frosh: Princeton over Rutgers by 15 seconds
Location Unstated: HW Varsity: 1. Navy 6:34.8, 2. Columbia 6:43.8 HW JV: Navy over Columbia HW Frosh: Navy over Columbia
Location Unstated: HW Varsity: 1. Yale 6:55.9, 2. BU 7:01.4 HW JV: 1. Yale 7:23.2, 2. BU 7:31.9 HW Frosh: 1. Yale 7:17.4, 2. BU 7:33.0

APRIL 18/17

Lincoln, Nebraska: Varsity Men's 8: 1. Nebraska, 2. Notre Dame Varsity Women's 8: 1. Nebraska, 2. Notre Dame, 3. Nebraska Frosh 8: 1. Nebraska, 2. Notre Dame
Housatonic River, Ct.: Novice 8: 1. Dartmouth 7:31.3, 2. Yale 7:39.0, 3. Cornell 7:43.9, 4. Rutgers 7:50.0 JV 8: 1. Dartmouth 6:56.7, 2. Yale 7:05.4, 3. Cornell 7:20.7, 4. Rutgers 7:25.0 Varsity 8: 1. Yale 6:44.0, 2. Dartmouth 6:57.6, 3. Rutgers 7:05.1, 4. Cornell 7:10.1

Lake Onota, Pittsfield, Ma.: Varsity 8: 1. Conn 5:47.9, 2. Williams 5:52.1 JV 8: 1. Conn JV 6:00.3, 2. Williams LW 6:16.0
Seekonk River, R.I.: Frosh 8: 1. MIT 5:36.5, 2. Brown 3rds 5:45.8 JV 8: 1. Brown 5:44, 2. MIT 5:51 Varsity 8: 1. Brown 5:26, 2. MIT 5:35.5
Conn River, Middletown, Ct.: Varsity 8: 1. UNH 6:32, 2. Wesleyan 6:39, 3. UNH JV 6:41 Varsity 4: 1. WPI 7:38, 2. Wesleyan 7:51
Housatonic River, Ct.: 2d Novice: 1. Barnard 6:28.6, 2. Yale 7:10.8 Varsity 8: 1. Yale 6:01.6, 2. Barnard 6:23.9 JV 8: 1. OCC 6:22.2, 2. San Diego State 6:38.2, 3. USC 6:42.4 Frosh 8: 1. OCC 6:27.0, 2. USC 6:36.3 Frosh 4: 1. OCC 7:23.5, 2. Cal State Long Beach 7:37.0 3. USC 8:05.6
Location Unstated: LW Varsity: 1. Penn 6:07.5, 2. Cornell 6:10.2 LW JV: 1. Penn over Cornell by 6 seconds LW Frosh: Cornell over Penn by 1 second
Location Unstated: LW Varsity: Yale over MIT by 16 seconds LW JV: Yale over MIT by 11 seconds LW Frosh: Yale over MIT by 17 seconds
Location Unstated: LW Varsity: Princeton over Navy by 2.5 and Rutgers by 8 seconds LW JV: Princeton over Navy by 0.8 seconds and Rutgers by several lengths LW Frosh: Princeton over Rutgers by 3 seconds
Location Unstated: LW Varsity: Harvard at 6:33 over Columbia by 4 lengths LW JV: Harvard at 6:35 over Columbia by several lengths LW Frosh: Harvard over Columbia by several lengths
Location Unstated: HW Varsity: 1. Harvard 7:55.5, 2. Syracuse 7:58.5 HW JV: 1. Harvard 8:12, 2. Syracuse 8:23 HW Frosh: Harvard over Syracuse
Location Unstated: HW Varsity: 1. Brown 5:57.2, 2. BU 6:02.6 HW JV: 1. Brown 6:02.3, 2. BU 6:13.2 HW Frosh: 1. Brown 6:09.3, 2. BU 6:17.9
Location Unstated: HW Varsity: 1. NE 6:33, 2. Yale 6:37.9, 3. Rutgers 6:47.7 HW JV: 1. Yale 6:47.2, 2. NE 6:52.0, 3. Rutgers 7:04.7 HW Frosh: 1. Yale 6:45.2, 2. NE 6:52.5, 3. Rutgers 1:59.5
Location Unstated: HW Varsity: 1. MIT 6:26.5, 2. Columbia 6:35.5 HW JV: 1. MIT 5:03.4, 2. Columbia 5:11.2 HW Frosh: 1. MIT 6:51, 2. Columbia 6:56.5
Location Unstated: HW Varsity: Coast Guard over MIT by 1 second HW JV: Coast Guard over MIT by 12 seconds HW Frosh: Coast Guard over MIT by 8 seconds
Location Unstated: HW Varsity: 1. Navy 6:34, 2. Princeton 6:37.2 HW JV: 1. Navy 6:52.2, 2. Princeton 6:58.3 HW Frosh: 1. Princeton 6:39.5, 2. Navy 6:54.8

APRIL 23/24

Raritan River, N.J.: Varsity Men's 8: 1. Rutgers 6:02.1, 2. Rutgers JV 6:11.9, 3. Washington 6:17.4, 4. U.Va. 6:17.6 JV 8: 1. Rutgers Novice 6:56.6, 2. U.Va. 7:36.2
Onondaga Lake, N.Y.: Varsity Men's 8: 1. Penn 5:31.6, 2. U.Mass 5:38.2, 3. Syracuse 5:40.3 JV 8: 1. Penn 5:41.4, 2. U.Mass 5:51.5, 3. Syracuse 5:59.5 Novice 4: 1. Penn 4:22.5, 2. Syracuse 4:33.5
Thames River, New London, Ct.: Varsity Men's 8: 1. Conn 5:08, 2. UNH 5:18, 3. URI 5:27 JV 8: 1. Conn 4:56.6, 2. URI 5:14.0, 3. UNH 5:27.0
Conn. River, Amherst, Ma.: (EAWRC) 8's: 1. Williams Heavy 6:45, 2. Wesleyan 7:00, 3. Amherst 7:07, 4. Williams LW 7:09 4's: 1. Wesleyan, 2. Amherst
Charles River, Boston, Ma.: (EAWRC) LW 8: 1. Radcliffe 5:46.4, 2. BU 5:47.3, 3. Radcliffe JV NT, 4. Cornell NT, 5. Wellesley NT JV 8: 1. Radcliffe 4:57.2, 2. BU 4:59.3, 3. Dartmouth 5:01.5, 4. Brown, NT 4's: 1. BU, 2. Wellesley, 3. Radcliffe Novice 8: 1. Dartmouth 4:50.0, 2. Radcliffe 4:54.9, 3. Wellesley NT, 4. Brown NT Varsity 8: 1. Radcliffe 4:44.0, 2. Dartmouth 4:47.1, 3. BU NT, 4. Cornell NT, 5. Brown NT
Location Unstated: LW Varsity: 1. Harvard 6:17.5, 2. Dartmouth 6:18 (caught crab while leading) 3. MIT 6:22.4 LW JV: 1. Harvard 6:21.8, 2. MIT 6:34.6, Dartmouth did not finish (lost a man at 500m) LW Frosh: 1. Harvard 6:30.4, 2. Dartmouth 6:35, 3. MIT 6:48.3
Location Unstated: LW Varsity: No Race — rough water LW JV: Penn over Yale by 5 seconds and Columbia by several lengths LW Frosh: Yale over Penn by 12 and Columbia by 17 seconds
Location Unstated: LW Varsity: Navy over Coast Guard by 3 seconds LW JV: Coast Guard over Navy by 6 seconds LW Frosh: Navy over Coast Guard
Location Unstated: LW Varsity: Princeton over Rutgers by 1.8 and Cornell by 7 seconds LW JV: Princeton over Cornell by 7 seconds and Rutgers by unstated amount LW Frosh: Princeton over Cornell by 7 and Rutgers by 8 seconds
Location Unstated: HW Varsity: Harvard 5:59.5, 2. Brown 6:09.5, HW JV: 1. Harvard 6:15, 2. Brown 6:31 HW Frosh: 1. Harvard 6:08, 2. Brown 6:19
Location Unstated: HW Varsity: 1. BU 6:04.2, 2. MIT 6:05.1, 3. NE 6:08.1 HW JV: 1. NE 6:22.7, 2. BU 6:28.5, 3. MIT 6:31 HW Frosh: 1. NE 6:14.7, 2. BU 6:22, 3. MIT 6:24.6
Location Unstated: HW Varsity: 1. Syracuse 6:10.2, 2. Rutgers 6:33 HW Frosh: 1. Syracuse 6:19.2, Rutgers 6:29.2

Location Unstated: HW Varsity: 1. Yale 6:21.8, 2. Coast Guard 6:27.8, 3. Navy 6:29.0 **HW JV Navy** 6:28.4, 2. Coast Guard 6:31.4, 3. Yale 6:35.6 **HW Frosh:** 1. Yale 6:24.5, 2. Coast Guard 6:37.0, 3. Navy 6:39.2

Location Unstated: HW Varsity: 1. Princeton 6:21.1, 2. Penn 6:35.1, 3. Columbia 6:48.3 **HW JV:** Penn over Princeton and Columbia **HW Frosh:** 1. Princeton 6:00.9, 2. Penn 6:04, 3. Columbia

Location Unstated: HW Varsity: 1. Cornell 6:10, 2. Rutgers 6:31 **HW Frosh:** 1. Rutgers 6:38.5, 2. Cornell 6:39

APRIL 30/May 1

New Haven, Ct.: Varsity Men's 8: 1. Yale 5:05.5, 2. Penn 5:14.5 **JV 8:** 1. Yale 5:15.1, 2. Penn 5:15.5 **Novice 8:** 1. Yale 5:46.2, 2. Penn 6:04.8

Lake Onoto, Pittsfield, Ma.: Varsity Men's 8: 1. Princeton 5:02.5, 2. Brown 5:21.5, 3. Williams 5:22.5 **JV 8:** 1. Dartmouth 6:24.2, 2. Mt. Holyoke 6:50.2, 3. Syracuse 5:35.2, 4. Brown 3rd 5:42.2

Conn River, Hanover, N.H.: Novice 8: 1. Dartmouth 7:51.1, 2. Mt. Holyoke 7:55.2, 3. UNH 7:55.7 **JV 8:** 1. Dartmouth 6:24.2, 2. Mt. Holyoke 6:50.2, 3. Syracuse 6:59.8 **Varsity 8:** 1. Dartmouth 7:45.0, 2. Syracuse 7:55.0, 3. Mt. Holyoke 7:59.3, 4. UNH 8:08.3

Charles River, Boston, Ma.: Novice 8: 1. Rutgers 5:37, 2. Radcliffe 5:44 **JV 8:** Radcliffe JV .1 seconds over Rutgers, 5.5 seconds over Radcliffe Varsity LW and 8.5 seconds over Conn. **Varsity 8:** 1. Radcliffe 5:06, 2. Rutgers 5:11, 3. Conn 5:16

Location Unstated: LW Varsity: 1. Harvard 6:09.6, 2. Navy 6:10.0 **LW JV:** 1. Harvard 6:20.5, 2. Navy 6:29.2 **LW Frosh:** 1. Harvard 6:22.7, 2. Navy 6:26.5

Location Unstated: LW Varsity: 1. Penn 6:12.5, 2. Princeton 6:13.0 **LW JV:** 1. Penn 6:28.2, 2. Princeton 6:29.4 **LW Frosh:** 1. Princeton 6:40, 2. Penn 6:45.5

Location Unstated: LW Varsity: 1. Rutgers 6:20.4, 2. Dartmouth 6:24.4, 3. Williams 6:26.8, 4. Yale 6:31.8 **LW JV:** 1. Yale 6:28.5, 2. Dartmouth 6:32.5, 3. Rutgers 6:32.8 **LW Frosh:** 1. Rutgers 6:30.5, 2. Yale 6:33.4, 3. Dartmouth 6:37.6

Location Unstated: LW Varsity: 1. Cornell 7:06.4, 2. MIT 7:16.6, 3. Columbia 7:24.6, 4. Trinity 7:26.7 **LW JV:** 1. Cornell 7:36, 2. MIT 7:41, 3. Columbia 7:49, 4. Trinity NTT **LW Frosh:** 1. MIT 7:15.8, 2. Trinity 7:16, 3. Cornell 7:19.8 4. Columbia 7:55.8

Location Unstated: HW Varsity: 1. Harvard 6:04.6, 2. Princeton 6:13, 3. MIT 6:16.5, **HW JV:** 1. Harvard 6:15, 2. Princeton 6:32.4, 3. MIT 6:39.5 **HW Frosh:** 1. Harvard 6:24, 2. Princeton 6:27, 3. MIT 6:47.6

Location Unstated: HW Varsity: 1. Cornell 6:21.6, 2. Syracuse 6:30.9, 3. Navy 6:34.8 **HW JV:** 1. Navy 6:32.8, 2. Syracuse 6:36.9, 3. Cornell 6:43.8 **HW Frosh:** 1. Syracuse 6:45.7, 2. Cornell 6:50.3, 3. Navy 6:52.8

Location Unstated: HW Varsity: 1. Dartmouth 6:51.6, 2. BU 6:59.4, 3. Trinity 7:04.6, 4. Rutgers 7:05.6, **HW JV:** 1. BU 7:14.1, 2. Dartmouth 7:15.3, 3. Trinity 7:15.4 **HW Frosh:** 1. BU 7:16.7, 2. Rutgers 7:18.0, 3. Dartmouth 7:21.4, 4. Trinity NT

Location Unstated: HW Varsity: 1. Brown 6:47.5, 2. NE 6:55.7 **HW JV:** 1. NE 6:18, 2. Brown 6:24, **HW Frosh:** 1. NE 6:30, 2. Brown 6:34

Location Unstated: HW Varsity: 1. Penn 6:12, 2. Yale 6:21.1, 3. Columbia 6:40.5 **HW JV:** 1. Penn 6:30.0, 2. Yale 6:43.4, 3. Columbia 7:05.6 **HW Frosh:** 1. Penn 6:26, 2. Yale 6:30, 3. Columbia 7:06

MAY 7

Lake Onoto, Pittsfield, Ma.: Varsity 8: 1. Radcliffe 5:13, 2. Radcliffe JV 5:26, 3. Williams 5:39 **LW 8:** 1. Radcliffe 5:30, 2. Radcliffe JV 5:49, 3. Williams 5:50

Location Unstated: LW Varsity: 1. Cornell 6:05.2, 2. Dartmouth 6:05.3 **LW JV:** 1. Cornell 6:15.4, 2. Coast Guard 6:19, 3. Dartmouth 6:23.4 **LW Frosh:** 1. Cornell 6:22.4, 2. Dartmouth 6:28.8

Location Unstated: LW Varsity: Penn over Navy by 1.4 and MIT by 16 seconds **LW JV:** Penn over Navy by 11 and MIT by 18 seconds **LW Frosh:** MIT over Navy by one length and Penn by 3 lengths

Location Unstated: LW Varsity: 1. Harvard 6:05.5, 2. Princeton 6:07.7, 3. Yale 6:09.0 **LW JV:** 1. Harvard 6:18.6, 2. Princeton 6:22.6, 3. Yale 6:30.9 **LW Frosh:** 1. Yale 6:25.0, 2. Princeton 6:27.6, 3. Harvard 6:32.5

Location Unstated: LW Varsity: Rutgers over Columbia by 15 seconds **LW JV:** Columbia over Rutgers by 5 lengths **LW Frosh:** Rutgers over Columbia by 17 seconds

Location Unstated: HW Varsity: 1. Wisconsin 6:24.2, 2. MIT 6:28.0, 3. Dartmouth 6:35.6 **HW JV:** 1. Dartmouth 6:47.8, 2. MIT 6:48.7 **HW Frosh:** 1. MIT 6:44.2, 2. Dartmouth 6:45.6

Location Unstated: HW Varsity: 1. Columbia 5:57.2, 2. Rutgers 5:58.7 **HW Frosh:** 1. Columbia 5:57.2, 2. Rutgers 5:58.7 **HW Frosh:** 1. Rutgers 6:02.5, 2. Columbia 6:25.1

Location Unstated: HW Varsity: 1. Penn 6:15.0, 2. Harvard 6:15.1, 3. Navy 6:24.2 **HW JV:** 1. Harvard 6:25, 2. Penn 6:31, 3. Navy 6:36 **HW Frosh:** 1. Penn 6:33, 2. Harvard 6:35, 3. Navy 6:50

Location Unstated: HW Varsity: 1. Cornell 6:21.5, 2. Yale 6:29.5 **HW JV:** 1. Yale 6:22.5, 2. Cornell 6:25.3 **HW Frosh:** 1. Yale 6:16.1, 2. Cornell 6:25.6

Location Unstated: HW Varsity: 1. Syracuse 5:47.5, 2. Brown 5:51.9, 3. Coast Guard 5:55.4 **HW JV:** Coast Guard 5:57.7, 2. Syracuse 6:00.7, 3. Brown 6:05.0 **HW Frosh:** 1. Syracuse 6:19, 2. Brown 6:25.1, 3. Coast Guard 6:27.4

Location Unstated: HW Varsity: 1. NE 6:17.7, 2. Vesper 6:22.9 **HW JV:** 1. NE 6:30.3, 2. NE Frosh 6:39.5, 3. Vesper 6:42.8

MAY 22

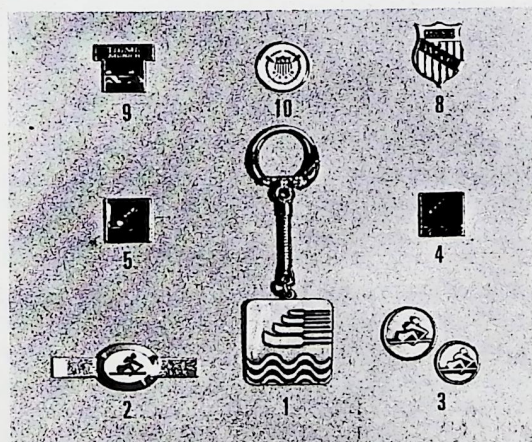
Location Unstated: Men's Varsity: 1. Harvard 9:42.6, 2. Yale 9:57.7 **Women's Varsity:** 1. Yale 11:08, 2. Harvard 11:15 **Men's JV:** 1. Harvard 10:02, 2. Yale 10:16 **Women's JV:** 1. Harvard 11:31, 2. Yale 11:55 **Men's Frosh:** 1. Yale 9:46, 2. Harvard 9:49 **Women's Novice:** 1. Harvard 11:26, 2. Yale 11:33 **Men's Third Varsity:** 1. Harvard A 11:16, 2. Harvard B 11:32, 3. Yale 11:53 **Men's Frosh (Second Boat):** 1. Yale 9:52, 2. Harvard 9:57

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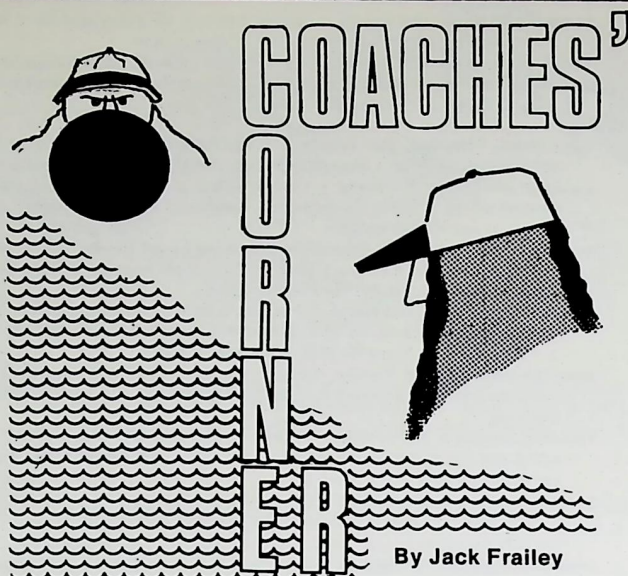
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By Jack Frailey

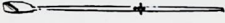
Some years ago I experimented with several sets of oars from different makers to see if they deflected uniformly and predictably under load. I found that they did not. When held firmly at the handle and button in a horizontal fixture and loaded by a 50 pound weight plate with its edge at the blade tip, the blades were depressed differing amounts and, more importantly, twisted both ways about the oar axis in varying degrees.

Wood is an imperfect material and oar manufacture is an imperfect art, so this result was not unexpected. Indeed, somewhat more than half of each set suffered from twist which I reckoned to be excessive — twist which I felt would

surely result in the oar being difficult to control under water.

Now I had frequently seen, at international regattas in the mid-60's and later in this country from time to time, coaches and oarsmen meticulously adjusting the pitch of their oarlocks with precision instruments of one kind or another, requiring an uncommon amount of attention and team work and the boat in slings just so. I was tempted at first to conclude that, at least at the international level where the finest equipment was in use, these coaches had culled out only the perfect oars so that the pitch of the oarlock would indeed be the pitch of the blade under pressure, the only pitch that counts. Later, however, I came to wonder if they really knew what I had discovered, because they would often return to the dock griping that somehow the measurement had been fouled up because the oar was still "diving" or "skimming."

I've found a good way to "fine tune" the pitch adjustment throughout a boat is to do it on the water. One starts this procedure by having the stern pair row at about three quarters of full pressure. The boat (even an eight) will react to errors in pitch, not only visibly to the coach but in a way that the oarsmen themselves can feel. After noting the boat's reaction, but before making any adjustment, have 6 and 7 row (not 5 and 6). This will help determine the proper direction in which the correction(s) should be made in the stern pair. For example, if when the stern pair drives, the boat dips to port, either the port man's pitch is under- or the starboard man's is over-squared. If when 6 and 7 row the boat remains level, one can be relatively certain the problem is with stroke.

This procedure is then continued up the boat. Clearly a pair can be approached in somewhat the same manner simply by having each man row by himself. 

NAAO EXECUTIVE DIRECTOR

The NAAO announces the opening of the position of Executive Director at a salary commensurate with experience and ability. The Executive Director is a full-time position reporting to the President. He or she will be in charge of NAAO headquarters, and responsible for continuous implementation and coordination of its many programs and projects. A detailed position description is given on page 5 of the March/April, 1977 issue of *The Oarsman*.

This opportunity may be particularly attractive to coaches who are looking for a change, and are interested in becoming centrally involved in the full range of rowing activities, both nationally and internationally.

Interested applicants should write immediately, including resume and salary requirement, to Jack Frailey, 66 Martha's Point Road, Concord, MA 0742. We plan to fill the position by September.

ANNOUNCEMENT

WOMEN'S SCULLING DEVELOPMENT PROGRAM

The U.S. Olympic Women's Rowing Committee is accepting applications for its sculling development program. There are currently 5 fiberglass singles and two wooden racing singles available for use by qualified oarswomen.

The boats are awarded for an initial period of six months which can in some cases be extended for an additional period of up to six months. (You must provide your own sculls.)

The only requirements are that you be serious in your commitment to the sport and have some previous competitive experience (in sweeps or sculls).

Applications may be obtained by writing to Carol Brown, 2015 24th Ave. E., Seattle, Wash. 98112.

(The boats are always rotating so applications are welcomed anytime. If there is not a boat available at the time, we will hold your application for future consideration.)

ELITE OLYMPIC CLINIC

For: Coaches, Oarsmen, Scullers, Coxswains

At: *Princeton, N.J. and Squaw Valley, California

On: *August 7-13, 1977 and August 21-27, 1977

Contact: Bill Austin, Marist College, Poughkeepsie, N.Y., 12601

Room and Board: will be covered by the Committee

*Please note dates and locations are tentative

NATIONAL REGATTA SCHEDULED

HOLYOKE, MASS: The Third Annual National Invitational Women's Regatta will be held Saturday, October 8 at Brunelle's Marina on the Connecticut River in South Hadley, Mass. The annual regatta, sponsored by National Blank Book Company and the Greater Holyoke Chamber of Commerce, features competition between women's rowing crews from colleges and universities throughout the Northeast.

Athletes' Advisory Council

In November of 1976, the men and women competing oarsmen from the 1971 and 1975 Pan American, and 1972 and 1976 Olympic games were asked to vote in an election to select athlete representatives to the Athletes' Advisory Council, an organization within the structure of the national United States Olympic Committee. The elections were held by mail ballot. Anita DeFrantz and Larry Gluckman were elected with approximately 90 % of the women voting and 60 % of the men. The term of office for both positions runs through the end of the present Olympic quadrennial; that is, through April of 1981.

It is worthwhile to point out that the Athletes' Advisory Council is not directly related to the activities of the NAAO or the men's or women's international rowing committees. The Athletes' Advisory Council was begun in 1972 and in its first four years was chaired by Micki King, a gold medalist from the 1972 Olympic games. One athlete is selected to represent each Olympic sport. In the past four years, rowing has been represented by Larry Hough. Among the accomplishments of the Council in the four years prior to Montreal are the following:

1. Recognition by the USOC of the need for a program whereby qualifying athletes could be eligible to receive broken time payment to offset lost income for the period of their training and participation in the Pan American or Olympic Games
2. Increased the USOC's interest in sports medicine and emphasized the urgent need to develop a better understanding and broader information base for competing athletes
3. Recognition of the need to provide more support to cover an athlete's expenses in conjunction with participation in selection trials
4. Offered a series of technical amendments to the proposed revisions of USOC's by-laws and constitution. Generally, the Council focused on provisions which unfairly restrict an athlete's ability to freely choose among available opportunities to compete
5. Increased the attention of the USOC on the problems related to existing procedures used by national sports governing bodies in their selection of team managers, coaches, and other administrative personnel
6. Emphasized the need to reconsider the process under which the Olympic team medical and training staff were selected, with increased importance attached to the particular experience of medical personnel candidates in dealing with international athletes
7. An increased effort by the Olympic Committee to provide ample tickets for competing athletes in attendance at either the Pan American or Olympic games

In its first four years, the Athletes' Advisory Council fought a continuing battle for recognition within the structure of the United States Olympic Committee. As originally conceived, the Council was established merely to focus on a very narrow area, one primarily concerned with uniform selection and team con-

duct. Early in the first four years, it became apparent to the Council members that problems emerging as a result of the United States Olympic Committee's efforts to solve existing problems required the active review and input of the Athletes' Advisory Council. Without such a review, it seemed clear that decisions would be made that would adversely affect the selection of the 1976 Montreal Olympic team.

Readers can look for a continuing series of the articles in *The Oarsman* covering the activities of the Council through the next four years. At its last meeting, the Athletes' Advisory Council, both the old members for the past quadrennial and the newly elected athletes, met in New Orleans to consider a number of issues, not the least of which was the selection of new officers and the nomination of athletes to serve as the seven members-at-large to the national United States Olympic Committee. The following individuals were elected to serve in the latter capacity through the end of 1980:

Willie Davenport	Track & Field
Doris Brown Heritage	Track & Field
Edward Williams	Biathlon
Mike Elliott	Nordic Skiing
Larry Hough	Rowing
Micki King Hogue	Diving
Wayne Baughman	Wrestling

As many of us know who watched the events prior to Montreal Olympic Games, much attention was focused on the pre-Games political turmoil in which the United States, Taiwan, Canada, the International Olympic Committee, and others debated the eligibility of the Taiwan participation. In its New Orleans meeting, the Athletes' Advisory Council adopted a recommendation to the officers of the Olympic Committee that in the future any official action which involved the withdrawal of the United States' athletes be based, at least in part, on a polling of the United States' team. While the agenda for the Council developed specific recommendations in a broad number of areas, many of them are in only a very general way related to rowing. If readers are interested in seeing the Athletes' Advisory Council's minutes following each of its meetings, arrangements should be made with either Anita or Larry.

The Council's activities are conducted within the limitations of the time and effort of its membership, many of whom are continuing to compete. In spite of this limitation, substantive contributions have been made to the United States Olympic Committee's decision making process. I want to conclude by encouraging the current competitors and past international oarsmen to use Larry and Anita as a vehicle for gaining further consideration of suggestions and ideas.

Ms. Anita DeFrantz	Mr. Larry Gluckman
1825 Carlton Street	307 I Eagle Heights Apartments
Philadelphia, PA 19103	Madison, WI 53705

BILL MAHONEY
in the

OARSMEN'S

CORNER

Hickory, dickory, dock
An Oarsman's a thinking
jock;
So send UNA LITTERA
Of notes, thoughts, ET
CETERA
Or the Corner will be all
my talk.



I. The Season

*"For winter is now past; the rain is over and gone
The flowers have appeared in the earth;
the time of pruning is come; and the
Voice of the turtle is heard in our land."*

Song of Solomon II, 11-12

Spring comes, and for many it means evening softball and beers, barefoot frisbee in the sun, wills languishing in laziness. Spring fever. Living takes on a casual quality, increasing daily as the earth warms. For many, the world grows lighter, easier, airy. But not for us.

For us in spring comes the rediscovery of our nerves. All senses conspire to race the blood and drum the heart. There is the feel of the brand new oar, purchased solely for racing. There is the smell of the first new racing shirt, which we vow to still own in six weeks. New sweats, new boat, new lineup — all stirring us up from our toes, for it is the season.

Flutters of anticipation and fears, first felt in fours while the switches were made, now heighten as the weeks grind down to their uncertain, thrilling conclusions. We swing between confidence and despair as we weigh the power and precision of a Monday or Wednesday against Tuesday's butchered starts or Thursday's inconsistencies. It's coming. Will it be there when we need it?

Quickly, Fridays come. They are long days. There are tons of energy; we never felt ourselves walking so fast. Legs that were lead during double sessions now feel ready to drive us through the roof. Everything becomes funny, as ready laughter bleeds off the steam of excess nerves. The approach of practice time sends us nearly running to the boathouse, there to find a foreign bus and a strange trailer. They are here.

Inside the boathouse, a shiver passes through us as we first see them. They are BIG. Sudden fatigue strikes in the shoulders, the heels grow sore, and feel as if they rest just below the knees. We'll never make it through practice, never mind the race: so tired all of a sudden. God, they're big. This one is going to hurt.

Both crews row, in turn the observer and observed. We were sharp, responsive, crisp. And the POWER. Tearing the riggers off. Their bow caught a partial on one of the starts they pompously took in front of our dock. Maybe this won't be so bad after all.

Friday supper becomes a boat solidarity dinner, and the energy and laughter return. We can't get enough to eat, and then feel regretfully bloated after. Time accelerates. We make the ice cream run, faltering in mild loneliness as the couples glide by in the night, then girding ourselves in the knowledge that we have something solitary and special to do. Tomorrow.

Tomorrow is now, and all the before time, the near nausea and sweating palms of waiting, the elation but burden of the lower boat victories, all tension is destroyed in the fury of the

start. We fight through the lung-fire of the second 500, not daring to look where they are, stay in the boat, do your job and it will be okay. We slip into a new rhythm, only glimpsed before in our best 30's, after our big push at the 1000. Then, there they are, straining but slipping. Heartened, our mushy legs regain their bite, and in a few minutes, which we know only as snapshots, we slump. There is just the pounding in the ears, and the curious, swollen emergence of blue veins in the thighs. It is done.

We paddle away, realizing. What a bright sky. The sun is warm. Those shirts will be ours when we get home. Quite a crowd for this early. Wave and smile. Silver people on the shoreline, wave and smile. Wooden ships on the water — What's that song? Silver people — yes let us be, for you'll never know what we have just done. There will be accounts, times, maybe a quote or two, but it will all fail to tell what we alone know. That we share between us a time of a wonderful, fearsome, painful, joyful, bloody, beautiful thing. In our season.

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Memorium

CLIFFORD C. (TIP) GOES

Clifford C. (Tip) Goes, chairman of the United States Olympic Rowing Committee for many years and an all-American coxswain at Syracuse University, died Friday at his home in Hackettstown, N.J. He was 84 years old.

Mr. Goes, one of the famous coxswains of his day, was the man who barked the orders and steered the course for the championship Syracuse eight of 1913 and the 1914 varsity. He went on to become one of the most famous referees in the sport.

He was dubbed "Mr. Rowing," and as chairman of the Olympic rowing committee, he was frequently honored both in the United States and in foreign lands where he had officiated and had helped develop crew competitions.

Mr. Goes was born in Warren, in upstate New York, not many miles from Cooperstown. It was at Syracuse as an undergraduate that he renewed his interest in the sport of boating, which he had enjoyed as a boy on the nearby Glimmerglass Lake near his home.

A Boy Scout Official

Mr. Goes, who lived for a number of years in Pelham, N.Y., was also active in the Boy Scouts of America, and in 1947 he was elected president of the organization's Manhattan council.

During World War I, he served with the Army in France. At Syracuse University, where he was an alumni trustee, Mr. Goes led the campaign for the building of the James A. Ten Eyck Memorial Boat House. He was the originator of the annual Poughkeepsie regatta on Lake Onondaga, and was the donor of the Tip Goes Trophy, for which Navy, Cornell and Syracuse compete annually.

Mr. Goes had lived in semiretirement in Hackettstown for the last 20 years, but maintained his interest in rowing. Crewmates on the championship Syracuse shell teams were credited with giving him the nickname "Tip."

He was a member of the Union League Club in New York. **By Alfred E. Clark**

Reprinted from the New York Times, Sunday, April 10, 1977.

Editor's Note: In 1948 Mr. Goes was a member of the U.S. Olympic Rowing Committee, then chaired the Committee in 1952, 1956, and 1960. He was inducted into Rowing's Hall of Fame.

GEORGE S. FRENCH

George S. French, Columbia, '27. George French rowed in the 1927 IRA Champion Columbia crew. He was the only senior in the crew which was composed primarily of members of the previous year's Freshman Championship crew. He recalled June 9, 1927, as having been the happiest day in his life.

Having been in bad health and living in a retirement home in San Diego for many years, George never lost his love for rowing and bequeathed a sizable portion of his modest estate to the National Rowing Foundation.

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EDITORIAL

By Peter Raymond

Two seasons ago a Wisconsin eight flipped when its oarlocks, brittle with intense Madison cold, snapped open. The tough Badgers, beside suffering the shock of icy water, a sudden bout of acute anaerobic training, and a new view of their lake, discovered that they were bolted into submersion by the track shoe stretcher fittings now common on new shells. Through some midwestern inner persuasion they tore their shoes off the stretchers and surfaced.

In 1972 before the pre-Olympic West German Nationals, Andy Roberts and David Sawyer, then spares to the national eight and four-with, capsized a wretchedly rigged, maddeningly malicious coxless pair while attempting a 500m piece which was truncated by an Alaskan King—Roberts', I think. Even with the tear-away Velcro split heels, Sawyer sputtered to the surface so long after the capsizing that Roberts, despite his splenic seething, was actually considering an investigative dive.

This spring eight Harvard lightweights capsized after a tete-a-tete with a floatable and were unable to extract either themselves from their shoes or their shoes from their bolts, which speaks well for the state of their exhaustion and the craftsmanship of Charlie Smith, the Harvard boatman. After some careful deliberation and some advice from coach John Higginson, a floater-by stood on one rigger and pried the shell around as one does a sailboat—the oarsmen, meanwhile, held above water what little of their noses their contorted postures would allow.

Fortunately we in the rowing community are resilient and enjoy a good laugh. But nothing spoils a good joke as quickly as drowning; unless coaches and oarsmen insist on some other form of fastening the athlete's foot to the boat, or devise a sure-fire release mechanism for even unconscious oarsmen, we'll have a few more good guffaws, possibly, and then, very suddenly, a stupid mass drowning.

CLARIFICATION

In the editorial of the March/April 1977 issue, I stated that the National Rowing Foundation "provided \$50,000 (\$40,000 salary, \$10,000 expenses) for our National Technical Advisor, Allen Rosenberg, in 1975 and 1976..."

Mr. Rosenberg was paid \$31,605.37 in salary because he did not complete his two-year term. \$3,940.83, and

\$925.20 was collected from organizations sponsoring his clinics, reducing the cost of expenses to the National Rowing Foundation to \$3,015.63.

The March/April editorial quotes the figure which was made available to the NTA, as compared to the NAAO's 1977 decision not to pay any coaches this summer.

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