



# TECH NEWS



The Army has claimed Tom Wyllie, Managing Editor. Good Luck—Tom!

Z320

Volume XXXVII

Worcester Polytechnic Institute, Worcester, Mass., Tuesday, July 31, 1945

Number 9

## Labor Problems To Be Discussed At SCA Meeting

**Mr. Stevens, United Steelworkers of America Will Address Group**

On Monday, August 6, at 7:00 P.M. the second S. C. A. Panel Discussion will be held in the Janet Earle Room. The subject will be the all inclusive field of Labor and the speaker will be a representative of the United Steelworkers of America Organizing Committee in the New England District.

In the past few years the influence of labor has been a deciding factor in our whole economic and political structure. It has made its good-will felt by raising the production of war material to skyscraper heights and by that means, guiding the course of the war to such a degree as to earn the right to say that it has insured victory for us. On the other hand the maladjustment of workers to new methods, new hours, new jobs, and a host of new conditions has been a painful thorn in the social stability of the people. Labor and Management have been at odds almost all the time and only through government appeal, have they stayed together to help our forces pull through the war.

There is much to be said for the conduct of both groups but only a real understanding of the underlying problems can lead layman to a just judgment. The purpose of the next Panel Meeting will be to let Labor tell its story and present its aims and ideals to a group of people that will be vitally affected in the future, by the decisions reached today. Management will have a similar opportunity at a later date.

The scheduled speaker is Mr. Roy Stevens. He has been affiliated with both the A. F. of L. and the C. I. O. For the past two and a half years, he has been associated with the United Steelworkers of America—C. I. O. and has been instrumental in organizing some 9000 local steel workers in eighteen Worcester County firms. With this background, he will be well able to furnish the group with authoritative information.

Thus the next meeting promises to be a lively and interesting one. Ed Funk, president of the S. C. A. cabinet and chairman of the Discussions, is happy to announce that these meetings have met with popular approval.

## Editorial

THE TECH NEWS wishes to express an appeal from all the activities on the Hill, especially the athletic, that the Navy put its wholehearted support behind the "Activity Tax" drive.

We have been informed that the athletic calendar will not be continued this fall unless the Naval Unit makes the contribution requested, which is \$5 per man for *all hands*.

In the past, this drive has been met with some disfavor by those who did not fully understand its purpose; our desire is to clear up any misunderstandings.

Of prime importance is the realization that all activities on the Hill are financed from this general fund in addition to whatever revenues the particular activity renders via gate receipts, etc.

Some argue that this school has plenty of money and ask why it doesn't spend it. The answer is simple. The two main sources of financial income are tuitions and endowments. Tuitions merely cover the expenses of the school in carrying out its scholastic endeavors (especially in view of the reduced wartime enrollment); endowments may *only* be used for major improvements such as new buildings and other forms of expansion.

There are activities on the Hill which cover a great part of their expenses through their money making means. THE TECH NEWS is the most expensive activity, excluding athletics, and accounts for two-thirds of its expenses through advertising. The SCA and the Peddler manage to cover all their expenses through both advertising and the production of the Tech Carnival. However, those who have been here for a year or so realize that sports like football, soccer, baseball, and track, are not self-supporting. Basketball gate receipts cover its expenses but only twice in thirty years have football receipts paid for the season.

In peacetime, the normal enrollment was 600 students, providing a fund of \$6,000 for activities, or a tax of \$10 per man. The activity tax of March 1944 amounted to \$4,000 necessitating various curtailments. With the present reduced enrollment, there is less than \$3,000 available.

Where will this sum come from? Already the civilian students have accounted for \$2,000. The Navy's share, yet to be accounted for, is \$875, or four-tenths that of the civilian payment.

Today the football and soccer seasons officially started. Football had a turn out of about fifty-five men while about twenty-five reported for soccer. Cross-country will need another ten men which will bring the total number to eighty-five. Of these men, roughly two-thirds will be Naval students.

Thus, does it seem unfair for the administration to ask that the Navy pay \$14.50 for every Navy man that participates in sports while the civilians are paying \$67 for every civilian participant? Of course it must be realized that these figures merely point out the relative contribution of the two groups for not all of the activity tax will be used for sports.

For every man on the field there are five in the stands who are witnessing their classmates as they engage in inter-collegiate sports. Suppose that last year the Navy men failed to support activities and the administration discontinued sports? Then fellows like Norige, Matzelevich, Schmidt, Simon, Ferrara, Gagas, Kokulus, and many others would never have been able to either supply the school with much enjoyment and relaxation and would never have had the chance to develop their athletic abilities. There wouldn't have been any football, soccer, cross-country on the formal week-end with a bonfire rally and an idea of what a college sports week-end is like. Tech men of 1944 will forget much they learned here in the future but the excitement of beating Harvard in football two seasons ago will always be remembered. It wasn't only the players that were proud of that accomplishment but the whole school experienced a feeling of pride. Give some sixty Navy men the chance to play sports this summer and fall—don't deprive them or yourselves of the benefits derived from inter-collegiate sports.

The payment of the \$5 covers the cost of all home games, for all sports for a period of eight months. There are two pay days before the first home game. Arrangements have been made so that this tax may be paid in full or in installments between now and September.

The big thing to remember is that anyone who desires to participate in activities on the Hill is more than welcome. It is our duty to see that these activities are continued for everyone's immediate benefit.

## Navy Announces Continuation Of V.12 Unit

**News is Received With Much Satisfaction By Naval Students**

The standing of the V-12 Naval Unit here at Tech has recently been confirmed. The Bureau of Naval Personnel informed the President of the Institute that it has been decided to continue those V-12 Units that have, among other considerations, substantial numbers of Engineers in the upper classes.

Since the Unit here at W. P. I. falls within this classification, Admiral Cluverius has accepted the contract. As conditions stand now, the Navy is renewing V-12 contracts for only one term at a time. The new quotas for the coming term have not yet been revealed, but will be assigned in the near future.

This news received considerable welcome at Tech by the entire Naval Unit. For the past few months there has been considerable doubt in all minds as to the future course of the V-12 Program and how the Engineers at Tech would be affected by any changes.

Now, at least for the next six months, the Naval Unit will continue to be a part of Tech.

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## PREXY TO TALK AT ASSEMBLY

The first assembly of the present semester will be held on Wednesday, August 8 at 11:25 A.M. in Alden Auditorium. President Cluverius, speaking on the subject "Other exciting days", will relate some of his exciting experiences from the vast repertoire of stories and tales acquired during many years of service with the U. S. Navy. The W. P. I. Glee Club, under the able direction of Mr. Clifford Green, will sing at the assembly. All students and faculty are cordially invited. Class schedules will follow the usual morning assembly schedule.

## Novel Party Proposed For Naval Students

**Questionnaires To Be Distributed to Unit This Week**

During the past few weeks, plans have been drawn up for something sensational, something different, something new in the history of the social events for the Naval Unit. What is it? It is to be a real festival.

The idea originated among a small group of Juniors under the guidance of their newly-elected President, Frank Mazzone.

However, the events that will take place at the carnival, where it will be held, when it will be held, and what kind of a party it will be, will be left entirely to the majority vote of the men in the Unit.

Questionnaires will be distributed next week to the entire Unit. Pertinent questions will be asked and from the vote, the final plans will be formulated. Some of the ideas suggested are printed below and these, subject to the results of the poll, will afford a birds-eye view of what may possibly occur.

It is expected that the cost of the affair will be absorbed by the Welfare Fund. It may be a clambake, a sweet corn roast, or a general picnic. These have been suggested because rationing will cut down on the amount and type of food available. The picnic will probably be held at a place where it will be possible to play softball, and have swimming and boating.

It has definitely been decided that there will be beer for all those who wish it. Also there will be soft drinks for those who are "on the wagon." It may also be possible to have the Navy band present.

There may or may not be ladies present. This also, is subject to the majority vote. In no case will any preparation be necessary by the men in the Unit for all the service will be catered.

The date for it will be set so that it will not interfere with any of the school's scheduled activities. In all probability, it will take place during liberty hours, and more than likely on a Saturday afternoon and evening.

If everyone will give the matter a little thought before the questionnaires are distributed, the Festival should be a great success.

# TECH NEWS

Published Bi-weekly During the College Year by  
The Tech News Association of the Worcester Polytechnic Institute  
EDITOR-IN-CHIEF  
George H. Conley

MANAGING EDITOR  
Thomas H. Wyllie  
NEWS EDITOR  
Robert B. Davis  
SPORTS EDITOR  
Walter J. Bank

BUSINESS MANAGER  
Thomas E. Lempges  
ADVERTISING MANAGER  
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SECRETARY AND FEATURE EDITOR  
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JUNIOR EDITORS

Carrol Burtner  
Raymond Brandoli  
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George Fritz

Joseph Lemire  
George Hawke  
Kenneth Truesdell  
Edward F. Supple

Philip G. Duffy  
ASSISTANT BUSINESS MANAGERS  
Edward H. Coburn, Jr. Edward George Edmund Judga

PHOTOGRAPHERS  
Joseph L. Fischer  
RERPORTER  
Allen Breed Alfred Cybulski

FACULTY ADVISOR  
John H. Schultz

News Phones: Business 3-9706 Editorial 3-1411  
3-9647 3-9706

## TERMS

Subscription per school year, \$1.00; single copies, \$0.10. Make all checks payable to Business Manager. Entered as second class matter, September 21, 1910, at the post office in Worcester, Mass., under the Act of March 3, 1879.

## Newest Naval Students Find Tech Life Hard

### Twenty-four V-5 Men to Get Three Terms Here Before Tarmac Duty

"Tech's O.K., but the studies are pretty tough." With this general attitude, the newest addition to the school's Naval Unit, twenty-four Naval Aviation students, have just completed the first month of their three-term college course. The boys, all of whom are either seventeen or eighteen years old, were assigned to Tech because of its nearness to their homes. Most of them come from either Massachusetts or Connecticut and a few are local city men.

In order to qualify for acceptance to the Naval Air Cadet Program ("V-5"), the new Tech men had to go through almost the same procedure that the V-12 candidates went through. They were given the usual V-12 test on Math, English, and Physics, and in addition, they had to pass a V-5 test on the same subjects. Also included in the V-5 examination was a mechanical aptitude test, along with several other practical-knowledge exams. If the candidate successfully passed these, he was then subjected to a physical examination, much on the order of the V-12 physicals. Finally, he was interviewed by an officer, and if found suitable, he was admitted to the program. Only a small quota was allowed for the First Naval District.

Since their arrival four weeks ago, the future air-men are gradually throwing-off their civilian habits and are getting on to the "Navy" life. Having survived their "shots", and having spent several dull afternoons pawing through Tumulty's reclaims in the hopes of finding a uniform, they are finally learning how to act like true "sailors."

The TECH NEWS, curious as to how the sudden change has affected them, decided to send out a reporter to interview them, with the following results.

The first V-5 to be interviewed was looking at a recent issue of *Life* Magazine. "Aha!", thought the reporter, "He has an interest in the higher cultural level." Upon closer scrutiny, however, it was found that he was merely admiring the French bathing suits. Upon being asked about his impression of Tech, he mumbled something about the studies being too hard, and then resumed his reading.

Across the hall, another new trainee was deeply engrossed in a book on naval regulations. (At that time, he was reading the chapter on "How to Salute".) He said that he thought Tech was "a little harder than high school."

Another new Tech man, one of the four that were actually caught in the act of studying, said that he missed the old home cooking, but the coke machines would probably keep him from starving.

One boy, who was reading "Forever Amber" at the time, said that he'd been getting a "Lot of good exercise" from his P. T. class. His roommate, who lay sprawled over his sack, remarked, "The studies haven't bothered me yet."

And there you have it—a cross-section of the attitude of the new navy freshmen toward their life at Tech.

## INSPECTION OF UNIT MADE BY NAVY OFFICIALS

On July 26, twelve officers from the Harvard Training School under the direction of Capt. C. H. Kepler visited Tech in the capacity of an Inspecting Party. These men, most of whom have recently returned from duty afloat, are conducting inspections of College Training Units throughout the country. Shortly to assume the training of the 27 new R.O.T.C. Units, these officers are obtaining first hand data on the organization and administration of Naval Units in American Colleges. After spending 1½ hours inspecting the conditions and facilities of Tech, the group departed, much pleased with existing conditions.

## The Greek Column

T.K.P.

The following members recently visited the house: Thomas D. Hess '46, Aviation Radio Technician 2nd class; Richard L. Tracy '46, R. T. 3/c; Ensign Peter P. Gwiazdowski '44, U.S.N.; Ensign George Kennedy '45, U.S.N.R.; Ensign Frank C. H. Baginski, '45, U.S.N.R., and M'd'n Stuart D. Kearney, U.S.N.

Charles M. Mayer '46 is at the Naval Ordnance Laboratory Experimental Facilities, Hiawasse, N. C.

Moris Dager, '49, is vacationing at Niagara Falls.

Edmund F. Jurga, '48, is expected to return to the Institute shortly to resume his studies.

A house dance was held at the house on Saturday, July 28.

Brother George V. Uihlein has been delegated by the National Council to revise the printed publications of the Fraternity.

### A.E.P.

Lee Sandman and Harvey Pastan are at Great Lakes in the Eddy Program. Howard Cowen is in the Navy at Sampson. There was a pledge dance Saturday, July 28.

### S.A.E.

The following freshmen were recently pledged: Russell Bradlow, Jim Mickeljohn, Joe Poegemann, Otto Kern, Norm Barker, Jim Hendrick and Sturgis Lobin. There was a dance Saturday night, July 21, for the pledges. Mr. and Mrs. Smith were chaperones.

### A.T.O.

The new freshmen were formally pledged at the house Wednesday, July 18. There was a dance held at the house in honor of the new freshmen on Saturday, July 28.

### S.P.E.

On Saturday, July 21, a dance was held at the house for the new freshmen pledges. There will be another house dance held on Saturday, August 4.

### P.S.K.

A picnic for the pledges was held on Saturday, July 21, at Pelequin Beach.

(Continued on Page 4, Col. 1)

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## SCA Sponsors Panel Discussion on World Affairs of Interest

### Professor Jones Relates Major Aims of San Francisco Conference

On Monday evening, July 23, Professor Francis Jones of the Worcester State Teachers College led a panel discussion on the recent San Francisco Conference. The meeting, sponsored by the Student Christian Association, is the first of a new series of programs which are planned to broaden the students' knowledge of present-day world affairs.

Professor Jones, a tall and jovial teacher, gave an informal summary of the highlights of the Conference and the resulting Charter and then answered questions on the subject. After an introduction to the background of the Conference, he compared its expense with that of the war by stating that "Its total cost would run the war for two minutes." What a contrast between the prices of war and peace!

One of the highlights of the conference was that it was based on the desire to form an international nation which would include the smaller countries and would not be merely a "big man's party", as Professor Jones put it. Representative Evart, of Australia, was outstanding in the accomplishment of this goal. Also significant of the general feeling of co-operation was the fact that many compromises were made. Among these were: the compromise which set a two-thirds vote requirement for revision of the charter; the Russian agreements as to their security in various world zones; the decision to admit Argentina to the conference; and the abandonment of the right to veto by several of the larger nations.

Although the Conference was very different from the Dumbarton Oaks meetings, which were held in strict secrecy, the Charter retained some of the ideas advanced there. One of these is the establishment of a Security Council consisting of five major powers: America, Great Britain, France, Russia, and China, and six smaller nations. In addition to this, there would be a General Assembly and an International Court.

Also, the Charter was liberalized in several ways. The Preamble was changed to include the purpose, which was based on justice and the full enjoyment of equal rights. A trusteeship charter was provided for colonization, and the functions of the Economic Social Council were broadened.

One of the big problems was the place of regional organization in world affairs. The Russo-French Alliance for aid in case of foreign aggression is an example of this. The French prefer this alliance rather than the charter and would not want to lose it. Another example is the recent inter-American security system in which the South American countries invited the United States to take part in their disputes. This, too, might have been overthrown by the Charter but for the fact that a provision was made which exempted all such regional alliances from domination by the Charter.

## Tech Carnival And Rope Pull To Be August 18

### Class Skits, Glee Club And Round Robin to be Highlights of Evening

Here comes another of those exciting events that command the attention of all. The annual Rope Pull and Tech Carnival will be on August 18, and from a glance at the preparations, this is certain to be a dynamic occasion that will stick in the minds of Tech men. The big weekend will officially start with the traditional Rope Pull. The entire sophomore class of thirty-five men will defend the hill side of Institute Pond, which the losing team will find gets quite damp at times. The freshmen have the advantage of picking their thirty-five heaviest men. When the present seniors were sophomores, they pulled their opponents through the mud and drink to break the frosh winning streak of twelve seasons. Members of the Skull will supervise and referee the event.

The evening will consist of skits which, as yet, have not been given titles, and their contents are as secret as restricted military information. The freshmen and sophomores will each put on a play in competition for the succession trophy that the present senior class now holds. For more entertainment, the "dramatic clubs" of the junior and the senior classes will also put on skits. The Glee Club under Director Cliff Green will do its part by rendering a few selections. After these doings at Alden Memorial there will be a Round Robin, at which time the fraternities will hold open house.

A weekend of this type ranks itself with the traditional Paddle Rush and the Flag Raising and is bound to be a hum-dinger, so, plan for August 18, date up your woman and show them the sportsmanship and entertainment that springs forth from behind our pageworn books.

Another important question was the veto issue. The smaller nations feared the attempts of the larger nations to have the power of veto invested in one of the "Big Five" nations. This was finally settled by a compromise in which the veto was retained by the larger nations, but any nation could bring any matter before the Security Council where the "Big Five" would not have the power to veto. However, seven of the eleven Council members would have to agree before discussion would be authorized.

As to the Charter's usefulness in the prevention of future wars, Professor Jones compared it to a "test tube", with the responsibility for its success resting upon the people of the world. He believes that the worldwide trend away from isolationism will strengthen the Charter's principles and that the nations of the world will cooperate toward its fulfillment.

## SPORT SIDELIGHTS

By Bill Jaegle

The era of broken bones started this afternoon. Slide rules were cast aside and our engineers donned their store-bought shoulders and proceeded to get this year's football team on the way. A number of civilian and Navy men secured their uniforms last week so as to be ready for today's initial practice. It is entirely too early for any predictions, but Coach Stagg has been working with some boys during P. T. classes right along and feels very optimistic about this year's possibilities. Quite a number of Freshmen are joining the gridsters this season. Some of the newcomers have apparently never played much football but the coach is fully prepared to work with anyone who has at least the spirit to drive himself. It is going to be a case of building a team out of a collection of mostly inexperienced men, and the whole project has aroused our interest as to just how far the squad can be built up. One thing certain, emphasis will have to be placed on speed and deception since heavy men will be sadly lacking.

A cheering fact concerning our Nautical Association has just come through from the Intercollegiate Yacht Racing Committee. It seems that our sailors did quite well for

themselves this past season. Our Dinghymen salted out a neat eight slot in a field of twenty competing schools. This perhaps doesn't seem too spectacular at first glance, but let's look the situation over. The members of the Association have one boat to work with on Indian Lake. This fact brings out their fine performance in competition when we consider that schools such as Coast Guard and M. I. T. have whole fleets with which to get in shape. Then too, our sailors are very few in number compared to the teams of other schools. Under these considerations, their work was really top notch and deserves our full recognition.

Next we'd like to deal with a topic that should rightfully be avoided by anyone in his right mind. No matter what is said in its favor, forty people immediately come back with various reasons against it. The subject is the athletic tax. It all boils down to a single case of finances. Tech has a heavy athletic schedule this summer with three major sports under way. We all know the old saying about money being the main cog in any machine, so let's all not gripe too much when it comes time to lay out five of those "hard" earned greenbacks.

## Over the Hill

By George Fritz

(The characters and events of the following are fictitious and any resemblance to persons living or otherwise is purely due to a guilty conscience.)

He stands hat in hand, in the spacious Higgins Laboratories of Worcester Polytechnic Institute and gazes listlessly at the large black letters printed on the door in front of him, "R. H. Brew." Before being transferred to Tech, his experience in education consisted of two jolly years spent on the campus of Notquite Normal, where the main requirements for passing a course is to have positive proof that you were within thirty-eight miles of the classroom at least three times a term. He has brought the habits acquired there to the school that stands as the shrine of that illustrious New England peddler, John Boynton.

After a long period of contemplation, he knocks half heartedly on the door. At tired voiced invitation he opens the door and steps into a small office and finds himself looking upon the balding head of Prof. R. H. Brew, sometimes affectionately called the "Screw." He is given to pacing back and forth in front of a classroom yanking his pants far up about his waist with each step. And, when those penetrating eyes affix themselves upon a member of the class, students have been known to fall on

their knees and cry, "Please, Screw, not me! No, no, Screw, please!"

The Screw does not look up, but continues grading papers as if no one has entered. Beginning at the top of the paper and continuing methodically throughout its entire length, he forms a long row of flamboyant "X's" with the flourish and skill of a man who has been doing the same thing for a long time and with each passing year gains increasing zest for his work. After placing a great "E" at the top of the page, he looks up. "Well, Beetlebrain, what can I do for you?" he innocently asks.

"Well—you see, Sir, I sorta feel—ha ha—that I'm sorta shaky in fisteresis—ha ha—and I thought—"

"That's enough, Beetlebrain," cut in the professor happily foretelling that another little touching scene is about to take place. "A magnificent exhibition of understatement, my friend. Allow me to enlighten you to the magnificent record you have fashioned for yourself in my class to date." Opening a little gray note book he reads: "F, F-minus, E, E, F, E-minus, E-plus, A-minus, E, F, and E. The 'A' was made on the day I put the class on its honor. Now there isn't anything there that twenty straight one hundreds wouldn't take care of is there, my boy? But un-

(Continued on Page 4, Col. 1)

## Platoon With Winning Boxers To Get Reward

Vozzola, Gagliardo and Kuykendall Are Stars From Last Season

The Navy Athletic Program will go into a new phase of its set-up at the conclusion of the softball season with the inauguration of boxing.

The boxing this summer will be based upon a competitive platoon standard with the platoon sporting the largest number of victorious pugilist combatants in line for a reward. At the time of this writing the nature of this reward is not known, but it will be worth while.

With the departure of the last Senior Class, Tech lost some of its better boxers when Biuso, Gallagher, Kosso, Schmit, Schenk and Stokel graduated. But viewing the remaining navy men we notice many with great boxing ability, who will provide much exciting entertainment to the spectators. Among these we find: Gagliardo, The Red Head—as Kuykendall puts it—"Who hits like a mule's kick"; Peter Vossola the elusive fancy footworker who we all so well remember from his classy boxing of last summer; Bob Kuykendall, the Kentucky speedster, who punches fast and hard besides being a tough man to tag in the ring. Although Leo Geary was not with us during last summer's bouts he showed his ability as a boxer this past winter by boxing on Tech's team against Holy Cross.

Besides these sturdy bulwarks to comprise the boxing participants the naval unit is filled with many potential boxers. Many of the sailors haven't had an opportunity to demonstrate their ability to throw the leather. But in a short time they shall when the boxing bouts get underway.

With the conclusion of the softball season, if the weatherman will permit the remaining cancelled games to be played, the boxing bouts will commence.

This summer the participants for the bouts will be compulsory among the Naval Unit. Each and every man will be given the chance to show how well adapted he is in the manly art of self defense. If you become short-winded by dashing up eleven flights of stairs now, it will be well worth while to get your endurance up to par immediately for the coming bouts. Each bout will be as evenly matched as possible to prevent any one-sided match. And to see that the Marquis of Queensbury rules are carried out by the followers of Cauliflower Lane, there will be none other than The Paddy Creedon, Chief Boatwain's Mate of the Naval Unit.

## Tech Nautical Club Places Eighth In Intercollegiate Yacht Rating

Murphy and Rockwood Place in National Skipper Ranking

In an official report just received by Tech from the Intercollegiate Yacht Racing Association, our Dinghymen have pushed W.P.I. up higher in the pay dirt. They have advanced six places from their Summer-Fall (1944) season standing. Although after each regatta results can be reported, accurate standings are not made official until all protests have been heard by the committee. With the 1945 Spring season closed W.P.I. now stands eighth out of a list of twenty colleges.

After placing poorly in the Boston Dinghy Club Challenge Cup Regatta, the Tech dinghymen on May 6 made a comeback at the Tenth Annual Brown University Spring Invitation Regatta by placing fourth. The next week they were narrowly squeezed out of two places by New Hampshire (126 points) and Yale (124 points) when they filed up a score of 123 points to end up eighth on the New England Dinghy Championship Regatta at New London. The following week Tech went to Boston and placed seventh in the National Dinghy Championship. The last race of the season saw Tech at Boston again the next week in a quadrangular regatta hitting second place beating Holy Cross and Tufts.

Two of our men made the official I.C.Y.R.A. Skipper Ranking List. The requirements for ranking in this list is a minimum of fifteen starts and the attainment of a .500 average in the races sailed. Murphy placed 17th with an average of .634 (16 races) and Rockwood twenty-first with an average of .561 for 32 races. Cahoon had an average of .569 sailing 13 races and was put on the second list which requires only seven starts. Other averages for men are: Breed .654 (4 races) and Hos-sack .576 (6 races).

During the season the dinghymen sailed seventy-two races in the five regattas they represented Tech and piled up a total of 494 points out of a possible 848. This coming season Tech will be represented at New London, August 12th, when the men will sail in the Danmark Trophy Regatta. The next week Tech will return to the Coast Guard Academy to sail in the eliminations for the I.C.-Y.R.A. Star Championship. On August 26th the Nautical Association will represent W.P.I. at Boston in the Fowle Trophy Regatta.

All men interested in joining the

## Advancements Made by G.E. In Photography

The General Electric Company is now prepared to take pictures of the skeleton in the closet, the spook in the attic, or the little man who wasn't there. By combining an old photographic technique known as the Schlieren method with ultra-modern, ultra-high-speed equipment which they developed, two General Electric engineers, Norman F. Barnes and S. Lawrence Bellinger, have made it possible to photograph such fleeting things as the air disturbance caused by the flight of a bullet.

The new technique is based on the development over the past two years of special electronic devices which not only supply the illuminating flash at the right instant, but also give such a brief exposure (less than one-millionth of a second) that the light from the flash has time to travel only 1000 feet.

Currently, the equipment is being used on many important war projects. After the war it will have an unlimited number of uses, particularly in the study of air and gas flow problems, where the conditions to be analyzed are invisible to the naked eye.

club should do so immediately, for there will be berths for some of these regattas open. On Sunday, September 16, Freshmen who are interested in sailing will be given their chance by being able to sail in the Annual I.C.Y.R.A. Freshman Dinghy Championships. All freshmen, whether they have sailed or not, should come down and try out for this regatta.

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**OVER THE HILL**

(Continued from Page 3, Col. 2)

fortunately we only have three more exams left in the course, so," and he laughs cruelly, "I am afraid I am going to have to fail you."

Realizing that his glib tongue will be of no use in this case, Beetlebrain makes a last desperate effort in hopes that beneath his gruff exterior the instructor may have a smattering of pity. In a whining voice he begs, "I don't wanta go to sea yet. I need more of this tough training they give me here. I'm not ready. I need more time. You can't fail me." He finds beneath the gruff exterior there is a gruffer interior.

He walks out into the Saturday afternoon sunlight (restricted for taking three olives when the limit was two). He wanders about liberty in Chicago. The bitterness of failure is upon him.

**GREEK COLUMN**

(Continued from Page 2, Col. 3)

**L.C.A.**

Several brothers from out of town visited the house during the past week. First Lt. Leslie M. Davis '44, who has spent two years flying bombers in the 15th Air Force, dropped in. Professor Maxfield, former High Pi, is home on leave and visited the house. He is a Lieutenant Colonel and has been at Fort Knox.

Geo. "Scotty" Glencross has been discharged from the Army after two years' service and came back to make arrangements to complete the final term of his senior year by starting school again in November.

All the brothers deeply regret the departure of House Privilege Ken Chafin for Great Lakes. Bruno Stasiowski has been given house privileges.

On the past two Saturdays, July 21 and July 28, there was open house for the members.

**T.C.**

There was a dance for the pledges Saturday, July 28.

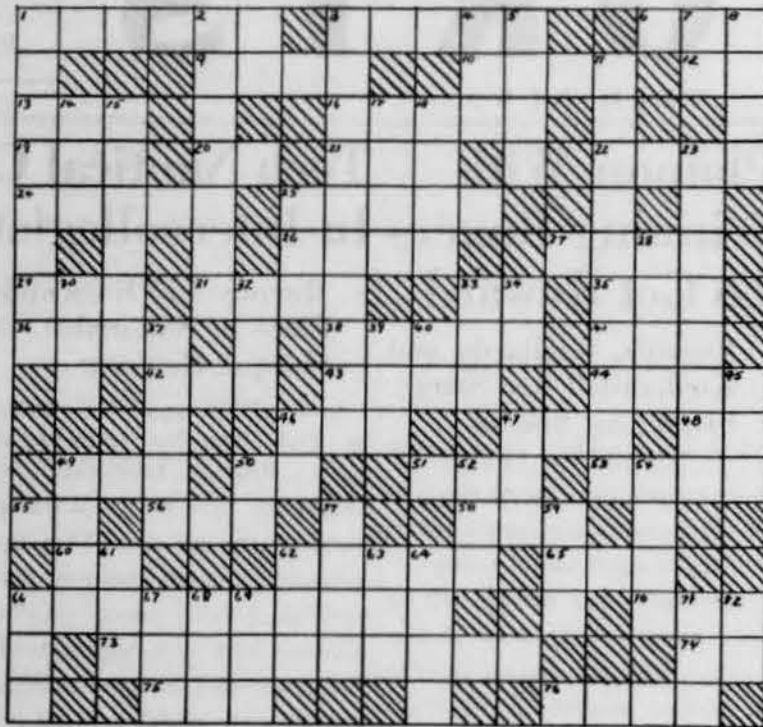
Brothers Thomas Wyllie and Edward Blagdon have left to join the Army. Brother George Dewire has joined the Navy Eddy Program.

Tech Canteen to Re-open Monday, August 5, 1945 Under Bob Schramm and Vin Zike  
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**CROSS-WORD PUZZLE**



This is the last contribution of "Little Orvie" who has gone to join his buddies in V-5; Thanks, Orvie, the staff is grateful to you.

**Across**

1. Prof. Downing
3. Mr. Green
6. Distant
9. Equipment
10. Rowing implements
12. Symbol for tellurium
13. Nickname for Arthur
16. Pains
19. Auto
20. Masculine pronoun
21. Sound made by a pigeon.
22. Clay God
24. Sharp Instrument
25. City of Ohio
26. Prof. Staples
27. Mud
29. To be ill
31. Animal
33. Negative
35. Neither
36. Music sign
38. Exposed to air
41. Container
42. Belonging to us
43. What fell in Worcester May tenth
44. Dry
46. United States Navy (abb)
47. Short for Doctor
48. Accomplish
49. Swamp
50. Associated Press
51. Poem
53. Sharp
55. Laughter sound
56. Affirmative
58. Conjunction
60. South Africa (abb)
62. Prof. Gray
65. Anger
66. Prof. Schoonover
70. At the present
73. Coach Stagg
74. Definite article (French)
75. Corded fabric
76. Highway

**Down**

1. Prof. MacCullough
2. Prof. Lawton
3. Prof. Carpenter
4. Enemy
5. Rapid
7. Near
8. Genuine
11. Prof. Houston
14. Hurried
15. Multiply by three
17. Inedible part of apple (usually)
18. Prof. Hooper
23. To rule down a veto
25. Sir Levitsky ("What do you think?")
28. Bellow
30. Sick
32. Organ of hearing
33. Novel
34. Officer of the day
37. Mr. Boggs
39. Hotel
40. Room officer
45. To put on
46. Toward the sky
47. Lair
49. To lie in the sun
50. While
52. Twenty-four hours
54. Smooth
57. Best branch of service
59. Noise or racket
61. Air raid post (abb)
62. Not cold
63. Vim and vigor
66. Feminine pronoun
67. Possessive pronoun
68. Native metal
69. to bite
71. Aged
72. We

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**The Data Board**

By Fubar

Before you read this let me make this clear: we have no money in the bank and no lawyers representing us, so if you sue us, you can't make a single cent! Also, we do not intend to use perfect sentences or grammar. In short, the—with everything—let's get going.

FLASH:—Tech has a new course these days, P. B. Meyers, Dean of Women, announced. Ask the twenty-odd fellows who took their first class last week end. It goes something like this. No prerequisites, no homework, no problems, and all you get out of it is a "working" knowledge. Sullivan and Ritter seem to be the real scabs—they stayed up all night (in class) just to watch the sunrise at, where else? but Hampton Beach. There seems to be a quotable quote that Sully made when his first experiment was concluded and the sun finally came up, but it can't be printed here. For reference see Sully. Nice women up there though (from all reports) which makes this new class "interesting" shall we say. For proof see Charlie Mitchell's picture of that sweet (?) thing he had. Wheeeee!

DOWN IN the EE department there seems to have been a little difficulty. It seems that Danny Knoll likes music over the radio while drawing curves. On bended knees he got permission (from the instructor)

to play the radio. All went well until a different pedagogue came along and got our little Danny frustrated. In this corner we have the winner—Danny Knoll and the radio.

THE BOYS from room 308 state there is a budding romance on the campus these days. Actually, it's a hangover from last term. None other but Breezy and a cute little girl named Alice. Mike Allen has just added that he's moving on to bigger and better things.

LAST WEDNESDAY LeMay sure did look good getting in practice for his post-war job. He sure was working fast, but not fast enough to clean up an area large enough to reach the Boynton. Conclusion—V-12ers ("Traineecees" by the navy) are grade "A" street cleaners.

EXTRA FLASH:—Scharar finally answered the \$64 question when in Strength class the one and only "Black Mack" trying desperately to work out one of his own problems asked, "What's wrong with me this morning?" The answer—"Oh, you're all right." Scharar is going to pass Strength with flying colors. Any bets?

SATURDAY IS THE DAY when everybody tries something new. Carlton pulled a "Veronica Lake" and had two "swooners" for our inspection. The idea backfired though, when his "swooners" got a better price for telling the truth. George Fritz tried to get into the limelight by looking natural, but had to settle for a date with the dog.

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