

VICTORY LOAN TOTAL REACHES MILLIONS

Colonel Cole's Figures Show
Three Million and a Quarter
—Corporation and Students
Subscribe \$113,050

GOKEY '20 WINS HELMET

Technology's Victory Drive has ended, her last Liberty Bond has been bought and she has gone over the top in every sense of the word. Her loans were many and small, but the total of her subscriptions was thirteen thousand and fifty dollars worth.

This showing in five figures does not loom up very large beside that in seven which Colonel Cole gives as being Technology's loan. When interviewed, his figure was approximately three million and a quarter. With all justice to Colonel Cole, however, this does not mean half as much as the smaller one which Barsar Ford gives as official. The larger figure, compiled for some obscure reason for the R. O. T. C., tells what the families of Tech men, what Tech Alumni, and what, incidentally, the students themselves subscribed. The smaller figure shows exactly what bonds were sold over the desk in the bursars office to Institute men. The reason for the difference is obvious. The large amount includes two subscriptions of over a million apiece. The smaller contains seventy subscriptions in all, the two largest of which are fifteen hundred and one thousand. The only large figure which may really be counted in on both is one for one hundred thousand which represents the value of bonds the Corporation itself bought. Although the Institute R. O. T. C. record ranks among the highest if not the highest of all the schools in the country, the smaller figure is Technology's bit.

The Institute campaign was taken care of by a committee of four. A prize was offered for the man on it who had to his credit the largest number of subscriptions. George Gokey won this prize, a German helmet sent down by the Cambridge Committee as a stimulant for canvassing, with a total of sixteen subscriptions.

HAMILTON IS ASS'T PROFESSOR

Leicester F. Hamilton, formerly Instructor of Chemistry, has been elected to the position of Assistant Professor of Analytical Chemistry. This is to go into effect the first of October. Mr. Hamilton graduated from the Institute in 1914, and since that time has been on the Chemistry Staff. He has always been an assistant to Colonel Cole in Military Science, and while the Naval Aviation detachment was here, was an instructor in gunnery and explosives. He was formerly known as Colonel, but from now on he must be called Professor.

HARVARD '22 BEATS FRESHMEN

The Harvard freshmen had little difficulty in defeating the Technology lower classmen in a loosely played baseball game on Soldiers' Field, Tuesday afternoon by the score of 11 to 3. Lashure was the star of the afternoon for the Institute team, getting two hits out of three times at bat.

TECHNIQUE RUSH

Technique Rush will be held in the Great Court at 1.15 o'clock on Thursday, May 29. All men who have signups are eligible to enter the Rush. Signups for Technique 1920 can be redeemed in the Main Lobby during the noon hours next week, on the payment of the remaining \$2. These signups are good only one week after the Rush, at which time those not redeemed will be thrown open to the men on the waiting list. The books will be given out immediately after the Rush.

MINERS HEAR ILLUSTRATED TALK ON SANDS AND SLIMES

At a meeting last Thursday evening the members of the Mining Engineering Society were given a talk by Mr. H. N. Spicer who is a representative of the Dorr Machinery Co. of New City. This company represents the result of the development of the ideas of Mr. J. V. N. Dorr along the line of apparatus for separating and settling sands and slimes. Illustrating his talk with lantern slides, Mr. Spicer began his talk by showing the crudest methods formerly in use for ore dressing. Following on, he showed slides which gave both in general and in detail the more improved methods as developed by the use of Mr. Dorr's ideas. He spoke principally on the Dorr thickeners and later on agitators and classifiers. He concluded his talk by showing a series of slides illustrating a number of South African mines. A. A. Brown '20, president of the society presided over the meeting.

WIND TUNNEL IS RUN

One Hundred and Twenty Men
See Model Wing Tested

Many have pronounced their surprise and satisfaction in the very considerable interest shown by the student body in the subject of aeronautics. The fact that the men are interested has been clearly brought out by the large attendance on the three wind tunnel trips of this week. In addition, although final reports are not yet in, the officers of the Aeronautical Society state that membership in the Society has almost reached the ninety mark, and they are sure of a hundred members as a possible minimum.

Through the kindness of Professor Peabody, who is in charge of all aeronautical work at the Institute, the wind tunnel was opened for three successive days to the students. The officers of the Society desire to express their appreciation, both to Professor Peabody and to the three men who ran the tests, Mr. Denkenger, Mr. Hanscom, and Mr. Ford.

The Technology wind tunnel, which is an exact copy of the channel built by the National Physical Laboratory at Teddington, England, consists of a horizontal wooden box, fifty feet in length and four feet square. At one end a four bladed propeller revolves up to a speed of 900 r. p. m. for a current velocity of forty miles per hour. This is driven by a constant speed direct current motor. Thirty miles per hour has been found to be the best speed for ordinary testing. An important feature of this tunnel is the remarkably uniform rate of flow, this uniformity be-

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NAVAL ARCHITECTURE SOCIETY VISITS FORE RIVER NAVY YARD

Twenty members of the Naval Architecture Society took the trip to the Fore River Navy Yard last Saturday afternoon. In order to facilitate explanations they were divided into two groups of about ten men each. Professor Peabody took charge of one group and Professor Owen the other. They visited the machine shops and the ways, where several ships are under construction.

As they went along Professor Peabody gave a very interesting talk on turbines and Professor Owen explained thrust bearings. The men gained an insight into the practical side of ship building and a general idea of how a ship yard is run. The society feels that the trip was of enough value to be well worth while.

TECH FIELD GETS GRANDSTAND

A new grandstand eighty feet long is being built on the athletic field south of and on the same side of the track as the old grandstand. Technology has long needed another grandstand and through the efforts of Manager Anderson, the generosity of Major Frank H. Briggs, and the Institute, such a grandstand is now well on its way to completion. No admission will be charged for entrance, and it will be finished in time for the N. E. I. C. A. A. meet which will be held at Tech Field on Saturday, May 24th.

JUNIOR PROM SIGN-UPS CAN BE REDEEMED IN THE LOBBY DAILY

The Junior Prom committee announces that tickets for chaperons for the Prom are on sale at the booth opposite the post office in the main lobby at \$2 per ticket.

The booth opened yesterday and will open every day from 1 to 2 to redeem sign-ups for Prom Dance orders and invitations are given out to those redeeming their signups.

It has been agreed that flowers will not be carried this year at the Prom, in accordance with the Technology spirit of eliminating from Institute functions expensive, non-essential luxuries.

There will be twenty-five dances at the Prom, instead of the twenty-four as previously announced, and four extras.

TECHNOLOGY TENNIS PLAYERS FAIL AGAINST AMHERST TEAM

Opponents Are Too Strong In Singles,
And Win By 4-2.

Technology's tennis team met defeat at the hands of Amherst by a score of 4 to 2. In the singles, which were played indoors owing to rain, Captain Hendrickson of Amherst took two out of three hard fought sets from Captain Brockman '20. Amherst won all of the other sets in the singles. The doubles were postponed, and played out doors. Technology succeeded in taking both of these matches.

Doubles—Brockman and Barron defeated Hendrickson and Davis, 6-4, 6-4. West and McWane defeated Thorpe and Sprague, 6-4, 6-3.

Singles—Hendrickson, Amherst, defeated Brockman '20, 9-7, 4-6, 7-5. Davis, Amherst, defeated Barron '20, 6-4, 6-1. Sprague, Amherst, defeated West '21, 6-3, 7-5. Thorpe, Amherst, defeated McWane '21, 5-7, 7-5, 6-4.

OUR NEWEST LIBRARY

Walker Memorial Now Boasts of
Reading Room

Walker Memorial now boasts a library, an attractive room on the eastern side of the second floor. For some time past, Professor Robinson of the English Department has been choosing and buying books, for it, so that now there are several hundred on the shelves. Their advent has caused many expressions of appreciation, especially, perhaps, from those who are not too vitally interested in billiards and bowling.

It is a home library. No book may be taken from the room, but a section is to be reserved where readers may put books they are reading until they have finished them. The books are meant more for recreation than for information. There are also books of plays and poetry, up-to-date books on social and race problems and aspects of the war. In fact, there are interesting volumes to engage the attention of any reader.

TECHNOLOGY IS SEVENTH ON UNIVERSITIES' HONOR ROLL

More than 5000 of the 150,000 university men who went into service, have made the supreme sacrifice, according to figures compiled by President C. F. Thwing of Western Reserve University. The percentage, therefore, of those who have lost their lives in the service is about 4. This is identical with the percentage of all the men who fell who were members of the A. E. F.

Harvard heads the list with 297; then follow Yale with 186, Cornell with 158, Concordia with 140, Columbia with 128, Princeton with 120 and then Technology with 105.

COAST ARTILLERY MOVIES ARE FILMED ONCE MORE IN WALKER

The motion pictures connected with the Sophomore course in Coast Artillery were given again last Thursday evening in the Walker Memorial for the benefit of those who were unable to attend the show presented some time ago. This exhibition is a part of the military science course and it was necessary that every second year man attend either one or the other. An additional feature of Thursday night's movie was a film on mine construction and mine laying.

NOMINATIONS FOR OFFICERS OF E. E. SOCIETY ARE POSTED

Society Plans Banquet in the Honor of
Prof. Jackson

The accredited list of nominees for offices of the Electrical Engineering Society for the coming year are as follows: For president, H. B. Deal '20 and J. E. Buckley '20; for vice-president, R. D. Booth '20, H. W. Hills '20, and R. R. Ridgway '20; for secretary, Miss F. Fogler '20, J. G. Moir, Jr., '20, and A. H. Kinghorn, Jr. '20; for treasurer I. H. Wilson '20, J. C. Wilson '20, and L. H. Allen '20. The ballots are now being sent around to the members and must be filled out and delivered to room 10-203 before five o'clock on May 23rd. Ballots which are sent back by mail should be posted so that they will reach the offices of the society before the appointed time. Such ballots, that is, those sent by mail, will not be honored unless signed.

A banquet is to be given in the near future to welcome Professor D. C. Jackson back to the Institute. A sign-up sheet has already been posted on the Electrical Engineering Society bulletin outside of room 10-203 for those who desire to attend. Further details will be published in a later edition of THE TECH.

MUSIC IS PICKED

Tech Show's Musical Numbers
Show Great Variety

In the first act, "Pretty Girls" and "It's Simple For a Hypnotist" deserve special attention. J. A. Buerkin who takes the part of "Martin" carries off the latter song to perfection.

One of the excellent numbers in the second act is the "Jagger Jag" done by "Walt" Frazier and "Scrapps" Booth in the characters of Dick Warren and his friend, Bob Kent, respectively. This is followed by "Love's Melody," sung by "Dick", which it is said will certainly enrapture the ears of the audience. Later in the second act, "Bob" sings "They'd Never Get Away With That At Tech." It can be judged from the title that this number is more or less of a comedy song and, as such, Booth does it especially well. The final chorus, "Military Tunes" has lots of pep and swing with which to gain the audience's approval.

In the last act, "Goodbye Manhattan" and "Often" stand out as headliners. The former is a comedy song of a character appealing to youthful natures. "Often" is a sentimental duet and is a particularly attractive number.

Musical Numbers
Prologue Music by W. T. Hedlund '20.

ACT I
"Pretty Girls"—Uncle and the Girls. Lyrics by Jesse Stam '19. Music by W. T. Hedlund '20.

"The Only Boy"—Betty and Boys. Music by W. T. Hedlund '20. Lyrics by Jesse Stam '19.

"It's Simple for a Hypnotist"—Martin. Lyrics by W. T. Hedlund '20, and E. S. Whitman '21. Music by W. T. Hedlund '20.

"Gimme Jim"—Dick. Lyrics by E. P. Collins '18. Music by E. P. Collins '18.

"Bones"—Eri. Lyrics by Jesse Stam '19. Music by W. T. Hedlund '20.

"Pajama Dance"—Girls. Lyrics by Jesse Stam '19. Music by W. T. Hedlund '20.

ACT II
Opening Chorus. Lyrics by Jesse Stam '19. Music by D. M. Minton '22.

"Jagger Jag"—Dick and Bob. Lyrics by Jesse Stam '19. Music by D. M. Minton, Jr., '22.

"Love's Melody"—Dick. Lyrics by Jesse Stam '19. Music by W. T. Hedlund '20.

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GIVE TO THE SALVATION ARMY

The Salvation Army has placed contribution boxes at the Information Office, Cashiers Office, at the Superintendent of Buildings office, and in the Walker Memorial lunch room. Contributions are solicited and will be credited to the amount raised at the Institute.

TECHNOLOGY WINS NEW ENGLAND CHAMPIONSHIP

Broockman '20 and Barron '20
Are Now Tied in Tennis Finals
—Lose Doubles To Dartmouth
Players

DEFEAT AMHERST TEAM

The Technology tennis team won the New England Interscholastic Tennis Tournament with a score of 2 on Tuesday and Wednesday by defeating the men sent from five other colleges. The doubles team, consisting of W. Barron '20 and H. Broockmann '20, fought their way into the finals where they were defeated by the strong Dartmouth pair in four close and extremely well played sets. In the semi-finals of the singles, Captain Broockmann defeated the last year's title-holder, Captain E. H. Hendrickson of Amherst, in four hard sets. Barron '20 won from E. M. Purington of Bates in three out of four sets, so the two Technology men will fight it out for the New England Interscholastic title.

The playing of Captain Broockman was the feature of the meet. In the first day's play after wading through three rounds of singles, with Barron he defeated the team from Trinity and also the strong Amherst combination consisting of Hendrickson and Davis which had been picked by many sport followers to win the tournament.

In the singles, Broockmann defeated J. H. Powers of Bates 6-3, 6-1, and C. P. Chin of Bowdoin 6-3, 6-1. The semi-finals offered some excellent tennis when Broockmann met Hendrickson of Amherst, who had defeated him in the match with Amherst held just a few days before. Broockmann came back and after losing the first set 3-6, took the next three in short order 6-3, 6-1.

Barron was forced to exert himself to win from R. R. Carlton of Dartmouth 6-4, 7-5 in the first round of the singles. In the second round, he won the first set 7-5, dropped the second 1-6, and came back strong the third one, winning 6-1. Barron and Broockmann will play the match off Friday afternoon.

FRESHMAN - JUR WILL MEET BROWNE AND NICHOLS TODAY

Technology's freshman four-oared crew meets Browne and Nichols this afternoon at 3.30 over the three-quarters of a mile course from the B. A. A. boat house on the Harvard bridge. The lineup for the race will be the same as in the English High race of Wednesday: 1, Greening; 2, Fisher; 3, Knutson; 4, Capt. Blanchard; cox, Folinsee.

English High beat this combination by three lengths Wednesday but the freshmen are not disheartened by their defeat and are out to win from Browne and Nichols.

The freshman eight has two races scheduled for next week. Monday afternoon at 5.15 they meet Stone School over the one mile route and Wednesday take on Middlesex.

The line-up for these races will be: 1, Falls; 2, Horn; 3, Driscoll; 4, Moliner; 5, Bretting; 6, Osborne; 7, Capt. Hemenway; Stroke, Bryden; Cox, Remsen.

The second freshman eight is getting ready for the Harvard Regatta, May 21 to 24. This eight has not been in outside competition yet and unless some races that are now pending materialize, the regatta will be its first test.

The personnel of the second eight, as recently picked, is as follows: 1, Nesmith; 2, Hull; 3, Brown; 4, Allen; 5, Sterling; 6, Nusbaum; 7, Whitten; Stroke, Ward; Cox, Coughlin.

So far only the second eight has been entered in the regatta but it is probable that some of the other freshman crews will compete.

CALENDAR

Saturday, May 17
8.30—Cosmopolitan Club Dance, Walker Memorial