

Armour Tech News

Vol. XXI. No. 1

Armour Institute of Technology, Chicago, Illinois

Tuesday, February 15, 1938

Constitution Is Formulated by Night Students

Elect Freud and Oakhill Honorary Directors

A constitution was formulated and honorary directors and temporary officers were elected to the recently organized Evening Division Student Association by the members of the constitutional committee after a meeting on Jan. 29 in the Assembly Hall. The election of permanent officers will be held at an early date—probably this Saturday afternoon in the Assembly Hall.

Dr. B. B. Freud and Mr. Fredric Oakhill were unanimously elected honorary directors. It was through the joint action of Mr. Oakhill and Dr. Freud that an idea conceived about six months ago has become a reality, the importance of which is beginning to be realized.

Mr. W. E. Koch was elected temporary president by a unanimous vote; Mr. A. Rulis was elected temporary vice-president; Mr. H. A. Lynette, temporary secretary; and Mr. Leo Faltelson, temporary treasurer.

"We the Evening Division Students of Armour Institute of Technology, in order to form a more perfect association and enjoy greater benefits, do ordain and establish this Association." Such is the preamble of the new constitution. The body of the constitution consists of ten articles, these being: name, purpose, membership, officers, election of officers, removal from office, power and duties of officers, standing committees, finances, and amendments.

The purpose of the organization briefly is this: to promote cooperation among night school students, to promote social relations, to sponsor meetings, to provide means for students of similar interests to form groups among themselves, and to cooperate with the Institute.

Besides two honorary directors the constitution provides for three more, these being former presidents. The officer system is unique, consisting of a president, six vice-presidents

(Continued on page four)

Announce Dates for Cycle Photos

Pictures for the 1938 edition of the *Cycle*, Armour's yearbook, will be taken in the gym Wednesday and Thursday of this week. Those who are having their pictures taken will be excused from classes during the hour scheduled. Pictures of the various groups will be taken according to the following schedule:

- Wednesday, February 16th—
9:30—Freshman Class & Officers
10:30—Sophomore Class & Officers
11:30—Junior Class & Officers
Senior Class Officers
1:00—1st, 2nd, 3rd Year Co-ops
Co-op Club Officers
2:00—Basketball
3:00—Track
4:00—Swimming
- Thursday, February 17th—
9:30—A.A.S.
10:00—A.S.M.E.
10:30—A.I.E.E.
11:00—A.I.Ch.E.
11:30—F.P.E.S.
12:00—W.S.E.
1:00—Honor A
1:30—Drama Guild
2:00—Senior Social Comm.
Junior Social Comm.
Sophomore Social Comm.
Junior Social Comm. for last Year (Junior Formal of '37)
3:00—Faculty Individual Pictures
5:30—Glee Club & Orchestra

All pictures except those of the glee club and orchestra will be taken in the gym. It is suggested that ties and coats or Armour jackets be worn when the pictures are taken. Members of athletic teams are requested to bring their uniforms as individual pictures will be taken at the time scheduled.

Tau Beta Pi Initiates Ten into Fraternity

Tau Beta Pi, national honorary engineering fraternity, initiated a faculty member, a distinguished Ohio State graduate, seven seniors, and a single junior at the last meeting of the fraternity. Professor R. L. Stevens of the civil engineering department was the only faculty member to be so honored at this meeting. Mr. Arthur Guillaudeu, a graduate engineer of Ohio State of the class of 1911 was appointed to Tau Beta Pi for outstanding achievement in engineering activity. Mr. Guillaudeu is the chief engineer at Swift & Co. plant of Chicago at present. The seniors initiated were N. K. Anderson, C. Nauman, G. Thodos, G. Palka, A. N. Schrieber, W. Kiefer, F. Palonis. The only junior to be honored by the initiation in Tau Beta Pi was E. J. Loutzenheiser.

The fraternity members enjoyed a banquet in the Faculty Grill after the business of the evening was concluded. The group then adjourned to the Harris Theatre to see Noel Coward's play, "Tonight at 8:30."

Juniors Promise Gay Time for Socialites at Season's Highlight

Promising Armourites four and one half hours of sparkling entertainment, the Junior class will present, on March 5, their Formal Dinner Dance, the highlight of the Institute's social calendar.

At 8:30 p.m. on Saturday, March 5, Armour socialites will assemble in the Grand Ballroom of Chicago's famous Palmer House. At that time Gay Claridge and his orchestra will furnish music in their distinctive manner while listeners dine and dance. Dining will be in the world renowned style of the Palmer House and dancing will be on a floor of equal quality. Later in the evening those tired of dancing and eating will find spacious lounging facilities on the balcony of the ballroom.

The Palmer House was selected as the proper site for the Junior Formal because of the atmosphere and accommodation offered there. The Grand Ballroom there is unquestionably as fine as can be found in the city. Its decorations add sophistication, its accommodations offer comfort, and its dance floor provides an ideal dancing surface. The Palmer House chefs who are cooks of reputation, will place before Armour diners a seven course chicken dinner that will delight the connoisseur.

Gay Claridge's orchestra was engaged only after lengthy consideration involving many well known orchestras. His group is new to many Armourites, and the Junior social committee assures that a pleasant surprise is in store for those who attend the Formal. A sweet, swingy style of music is featured by Claridge with several novelty numbers interspersed.

Nash Speaks About Electrical Lighting on WCFL Series

The senior branch of the Western Society of Engineers announces that two junior memberships will be presented to two graduates of the Civil Engineering Department of Armour. These memberships will be given on the basis of activity in the student branch of the W.S.E., scholarship and character. Recommendations will be made by the Faculty Adviser of the student branch, and final selection will be made by a committee consisting of the Secretary of the Society, the Chairman of the Junior Engineers, and the Chairman of the Education Committee.

Presentation of the awards will be made before a joint meeting of the Society and the student branches. The names of the recipients will be announced at the commencement exercises.

Fourteen Men Pledged to Pi Nu Epsilon Fraternity

Fourteen men were pledged to Pi Nu Epsilon, Armour's musical fraternity, last Friday afternoon in the Tau Beta Pi rooms. The men who were pledged are: G. E. Danforth, R. T. Duffy, R. M. Faust, F. G. Jahnke, E. J. Loutzenheiser, E. A. Matecki, H. B. Nicholas, S. M. Orsi, G. A. Palka, C. W. Reh, A. J. Spengler, T. Waldron, T. W. Yeakle, and R. W. Young.

Time Motion Study Class Organized by Prof. Dutton; Plan Much Industrial Work

A new social science elective, Motion Study Methods, was launched last week, when all of the members of the class met in the office of their instructor, Prof. H. P. Dutton, to hold their first session.

The course is the outgrowth of an elective offered last semester, which, though not intended as such, became a time and motion study class. The new class will meet only one hour a week so that the work will be largely of an individual nature such as reports and papers. The class as a whole will do field work that will consist of an application of the principles studied. Either one or two semester hours will be offered as credit, the number possibly depending upon the quality and amount of work done by the individual members of the class.

Although the class met for the first time in Prof. Dutton's office, he decided that it was a little too crowded to make it a weekly feature. The class room for future meetings will be announced shortly.

Two New Members Join Faculty Staff

With the opening of the new semester and the consequent expanding needs of Armour Institute, two new instructors have been obtained.

Mr. Michael Sadowsky, a new instructor in the Mathematics Department, received his undergraduate and postgraduate work at the Technische Hochschule in Berlin. The subject of his thesis in which he carried on research work was "Periodical Configurations in Elasticity." After graduation Mr. Sadowsky served as lecturer at the Technische Hochschule. He came to the United States in 1931 and served as instructor at the University of Minnesota. His next teaching position before coming to Armour was at the Industrial Institute of Novocherkask in Russia.

Mr. Alexander Cowie is a new member of the Mechanical Engineering Department. Beginning his work at the University of Wisconsin, Mr. Cowie continued his work at the University of Michigan. Here under the direction of Prof. Timoshenko, who is an authority on mechanics and vibrations, he completed his work for the master's degree. After graduation he did a great deal of work on the design of large reduction gears for marine propulsion. Mr. Cowie spent several years as an instructor at the University of Minnesota, and while there he inaugurated several new courses in the metal fusion field.

Mr. Cowie is the first major addition to the mechanical engineering teaching staff in the last few years and will become active in academic circles.

There will be a meeting of the NEWS STAFF today at 12:30. Any freshmen or sophomores interested in writing for the NEWS are invited to the meeting; second entrance of Chapin Hall, third floor.

There will be a special meeting of the Math Club officers and problem committee, Thursday at 12:20 in P. L. R. Plans for future meetings and policy of the club will be discussed.

Russell Kotal Appointed New Editor-in-Chief of Tech News

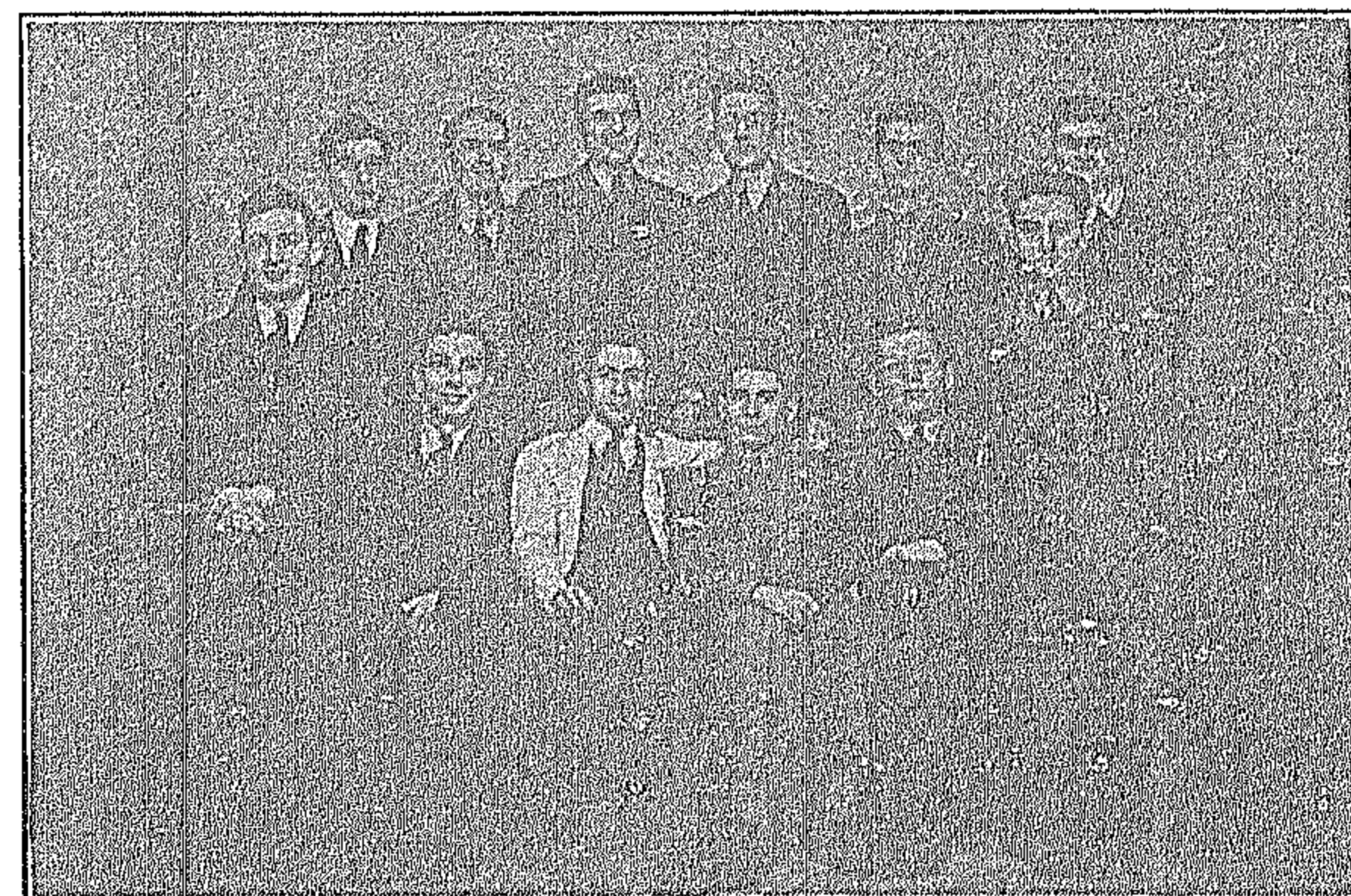


Photo by Mehringer.

RETIRING AND NEW EDITORIAL BOARDS

Front Row, left to right: A. N. Schrieber, I. Thomas, J. D. Sheehan, L. B. Parker, W. J. Chelgren, and R. A. Braun, the retiring board. Back row: R. I. Jaffee, J. R. Kotal, M. Ephraim, H. Coyle, T. W. Yeakle and R. A. Winblad, the new staff members.

Erickson to Conduct Chicago U. Concert

Mr. O. Gordon Erickson, Armour's musical director, has been invited as guest conductor by the University of Chicago in celebration of the 40th anniversary of the Chicago University band. Mr. Erickson will conduct the band on February 20 in Mandel Hall at the University of 3:30 p.m. Mr. Erickson directed the glee club and Black Friars while at the University. Also while there, he wrote the school's well known fight song "Wave the Flag."

Available tickets for Armour's third annual concert to be held at the Goodman Theatre, February 24th are rapidly diminishing in number. Both the glee club and orchestra are busily engaged rehearsing many new numbers. Again this year, new vocalists will supplement the program.

Tests, Assembly, Group Talks Given to Incoming Freshmen

The incoming freshmen, about seventy strong, took their orientation tests on Feb. 4; listened to Dean Tibbals, Dr. McNamara, and Mrs. Orcutt speak to them at the freshman assembly on Feb. 7 on the rules, regulations, and traditions of the Institute; and, in small groups, heard ten upperclassmen give them "big brother talks." The upperclassmen were H. J. Bodnar, W. J. Chelgren, C. W. Dunbar, W. E. Kruse, E. J. Loutzenheiser, C. K. Nauman, L. B. Parker, W. F. Schlax, J. D. Sheehan, and E. F. Wagner.

Lawrence D. Graf, treasurer of the freshman class, was unable to return to the Institute this semester because of lack of funds. D. F. Crego, who was defeated in the freshman election by Graf, will become temporary treasurer until the next freshman class meeting, at which time a special election will be held.

A. I. E. E. Plan Trip to Caterpillar Factory

On Wednesday, February 23, the senior A.I.E.E. members plan to inspect the factory of the Caterpillar Tractor Co. at Peoria, Illinois. The seniors are scheduled to begin the inspection tour at 9:30 in the morning after which they will remain as lunch and dinner guests of the company. Most of the men are traveling in groups by automobile. An interesting sidelight of the trip is the fact that some of the men are planning to fly by plane.

Wednesday, April 6th, has been tentatively set as the date for the joint meeting of the electrical engineering students from Armour, Lewis, and Northwestern. Plans for the meeting are still in the process of development. Complete details will be released shortly by the committee in charge of arrangements.

Noted Educator to Speak Today

Mr. James Shelby Thomas, noted economist and educator, will speak at a general assembly today at 10:30. Mr. Thomas is a graduate of Milligan College and took his post graduate work at the University of Chicago. He has had a great deal of educational experience at the University of Alabama acting as director of the extension division.

From 1931 to 1933 Mr. Thomas acted as chief economist for the Commonwealth and Southern Corporation. From this position he was elected to the position of president of the Clarkson College of Technology. At the present time he is president of the Chrysler Institute of Engineering.

As a member of the advisory committee of North American and a member of the American Academy of Politics and Social Science, Mr. Thomas has been actively concerned with current problems. He is also serving as civilian aide to the war department of Alabama.

'Armour-Eye' Opens Redecorated Rooms

Two dark rooms, a studio with an 8X10 view camera, and a lounge with adequate study space are a few of the features of the new rooms of the Armour-Eye. The rooms have been replastered and redecorated so that the appearance of the club rooms will resemble a modern photographic studio.

Work has been completed on one dark room while the other is rapidly nearing completion. The object of all this work is to provide both social and technical facilities for the members of the club. This will make it possible for camera enthusiasts to enjoy the fellowship of others of like interests and also make it possible for them to conveniently pursue their hobby without caring for a private dark room.

The election of officers of the Armour Eye took place last week with the following results: President, Ian Harker; Vice-President, Fred Jahnke; Scribe, Arthur Fried; Treasurer, Stonetz; and Corresponding Secretary, George Bursach.

It was decided at the meeting that the total membership of the club should not exceed twenty-five men. Since there are twenty men now in the club, there is room for only five new members. Initiation fee is \$3.50 and the monthly dues 50 cents.

Interested students are urged to visit the new rooms immediately. Selection of candidates will be a matter of "first come, first served."

Coyle, Jaffee, Ephraim, Winblad, and Yeakle Comprise Board

At the annual "Tech News" banquet, held last Wednesday evening, Feb. 9, at the Auditorium Hotel, the new staff for the coming year was announced. Russell Kotal was named editor-in-chief to succeed James Sheehan and Landrith Parker. Howard Coyle succeeds Raymond Braun as sports editor. Managing editor will be Robert Jaffee. Max Ephraim replaces William Chelgren as news editor. Idris Thomas is succeeded as business manager by Robert Winblad and Thomas Yeakle is the successor of Albert Schrieber as copy editor.

Russell Kotal, the new editor-in-chief, is a Junior electrical, a member of the honorary literary fraternity—Sphinx, a member of the Glee Club and has worked for the *Tech News* since he entered Armour, serving last year as make-up editor.

Reh New Desk Editor

The Editorial Department appointments are as follows: Desk editor, C. Reh; rewrite editor, J. Keane; assistant sports editor, T. Clark; assignment editors, R. Bartusek, J. Meyer, F. Opila, and feature editor, R. Perry.

The Business Department will have F. Slavin as advertising manager and R. Erisman as circulation manager.

Handled ably by W. Chelgren, the dinner was climaxed by an interesting talk on the cooperative association in the Scandinavian countries given by Llewelyn Jones, former literary editor of the Chicago Evening Post. Mr. Jones, because of his studies pertaining to life among the people of Sweden, Norway and Denmark, presented enlightening material about how these countries solve their problems of trusts, high living costs, and the menace of foreign propaganda.

Faculty Advisors Present

After the announcement of the new staff, the retiring seniors each said a few words of encouragement and farewell to their successors and the staff in general. Mr. Walter Hendricks, faculty advisor to the *News*, congratulated the retiring staff on their fine efforts during the past year. Professor William Colvert was the other faculty representative.

Armour Tech wit was present in the form of poker-faced "Zazu," retiring writer of the "Slipstick," who read a touching telegram from "E. J.," explaining why the latter was unable to attend. Zazu read a synopsis of his latest mystery novel—"Three Men and a Hearse."

W.S.E. to Award Two Junior Memberships to Graduates

Continuing the third series of radio talks, Professor Charles Nash spoke over radio station WCFL on last Saturday evening. "Electric Lighting" was the subject of his talk. The nature of natural light was discussed in order to show the goal towards which all workers in artificial light are striving. The common sources and the intensity of light required for various tasks were covered by the speakers and the scientific interpreter.

The talk on Saturday, Feb. 5 on "Radio Communication" was given by Prof. Arthur Sear. A short history of radio coupled with a non-technical explanation of radio opened the talk. The development of method of sending from the telegraphic to the vocal formed the main body of the talk. The possibilities of radio and the present broadcasting system closed the talk.

Last Saturday's talk was on the subject of "Electric Lighting as a Major Factor in the Safety of Night Driving." These programs are presented under the direction of the publicity director, Alexander Schrieber.

Armour Tech News

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Vol. XXI February 15, 1938 No. 1

On behalf of the students and faculty members of the Institute, we wish to extend our deepest sympathy to the family of R. Biggerstaff, a Co-op student, who passed away two weeks ago.

This issue of the *Armour Tech News* is the first edited under the direction of the new staff. Whenever a turnover in the management occurs, there will be a change of ideas which pertain to management, opinions and editorial policies.

The new staff, however, will not deviate far from the principles of our predecessors who have set the standards during the past nine years. It will be our objective to present the news as it happens in an unbiased form with a reasonable amount of feature material to add to the enjoyment of our readers. A good feature staff is a real asset to a publication; it is possible to main-

tain a high standard in this respect by presenting all feature matter in a clean, but amusing style.

Preference will not be shown to any specific department or organization. We will endeavor to present the articles in a clear, concise manner with the purpose of promoting ideas which will be of benefit to the Institute and of interest to the student body.

Suggestions will be offered from time to time and will represent the opinion of the entire editorial board. Meetings of our board on Friday evenings will determine the subject and presentation of the editorial.

The issues of the *Tech News* which have appeared during the past year have scored another high mark in the history of this publication. Having good cooperation and through efficient management, the retiring staff has set an enviable record.

Although the retiring staff members will no longer be in direct relation with the news, their policies and ideals will be remembered by their fellow students for years to come. With this thought in mind, which serves as an inspiration to those seniors who have recently retired from the *News*, our best wishes for a successful career.

A Good Start

We have watched the growth of the Evening Division Student Association with much interest and approval. An immense amount of work has been done by Mr. Oakhill, of the evening division faculty, who has been supported every step of the way by Dr. Freud, in bringing this association to its present state: that of a potentially great organization on the eve of development. Whether it shall become great or not depends solely upon the men who will lead it and the cooperation of its members. If the ability, industry, and enthusiasm shown by the student organizers under Mr. Oakhill is any criterion of what the membership will be like, its success is guaranteed.

The possibilities of this student association are unlimited. The constitution is especially fine, providing room for development in several directions. Perhaps sometime in the future the day school and evening school student associations will combine into an interesting group which will make the proposed Mission Student Union Building a reality.

Fraternity Notes

Theta Xi Notes

The election for the second semester has revealed the following:
President—George H. Glos.
Secretary—Ralph W. Gruetzmacher.
Treasurer—Richard W. Young.
House Manager—Anthony C. Giovan.
Asst. House Manager—William K. Emmerich.
Corresponding Sec'y.—Joseph F. Sodaro.

Our "End of the Semester Party" proved a great success, and certainly washed away the thought of the final examinations.

Pi Kappa Phi

Our midyear house cleaning has reached a very successful climax. Plans have now been completed for the annual conclave of Pi Kappa Phi district 11. The conclave is to be held at our chapter on Feb. 26 and 27.

We wish to announce the pledging of
Albert Bujan, Ch.E. '41.
Victor Schellschmidt, Co-op '43.

Rho Delta Rho

The memorable house warming stag has now become part of the past. We will long remember it as one swell affair.

The house looks grand now that we have completed our decorating and furnishing. The pool tournament is once more under way, and a chess tournament will soon begin. In preparation the braintrusters may be usually seen pondering over a chess board.

Initiation of our pledges will take place in a few weeks.

Carrying this housewarming idea to its logical conclusion, we are holding a housewarming party Mar. 12 to supplement the housewarming stag we held recently. After all, what's a house party without that feminine presence.

The Slipstick

Cleave to the slipstick; let the slapstick fly where it may.

Henceforth, friends, the Slipstick shall be different. (It might even be funny.) This column will contain no bad jokes, no old jokes, no new jokes, no dirty jokes, and no jokes! Gee whizikers—this space is going to look awfully blank!

We steal our jokes, but at least we suffer excruciating pains from our outraged conscience (sometimes).

My social life is in retreat
Abused and badly beaten.
Why do I always have to meet
A girl who hasn't eaten?
—Phito III.

... and there they were, Armour's nominees for 3 men on a horse. As these three scholars strode from the physics final lustily crooning "Give a Man a Horse He Can Ride," they dropped their pony in the path of the timekeeper.

P. S.—Their horse was scratched.

IN MEMORIAM

Have you listened to the chant of the "Munch-Crunch" auctioneer?

Why don't you give the little lady a gift instead of a valentine? Dolores is going to get a tweak box this year. Ah, there is nothing better than a tweak box to keep one's tweak on. Besides, it can be used for countless other things—such as—such as lots and lots of things. An inexpensive model is worth about \$29.50 in Natty Nick Natinechek's Nifty Knick Knackerie.

Then there are Squigg Squares. Just drop in at Bloomingjay's at Madison and Thirty-something and they'll trot out an array of squares that will have you going around in circles, especially when you hear the prices.

MORE IN MEMORIAM

E. J.—"What kind of canine is yonder beastie?"
Zazu—"She's a Dobermann-Pinscher."

E. J. (with savoir faire)—"But won't she bite me if I do?"

Armour Aphorisms

This column is funny business. Funny business usually means something fishy. Fish smell. Draw your own conclusions.

Aren't you glad you came?
B. R. S.

Armourites Move South

Ten Armour studes who didn't wait home for their grades during the lapse between semesters pooled their money and trucked down to Allardt, Tennessee for a vacation that turned out to be a picnic, inspection trip, hiking trip, and general all-around good time as well. Leaving school on Friday the 28th just after Gene Worcester finished his last exam the party, including Charley Eulo, soph M.E., Bob Worcester and Harold Heidman, senior juicers, and Bob Maxant, Jerry DeBoo, Cal Nauman, Willy Roche, Bill Chelgren and Frank Lasker, mechanicals, drove south in two cars, stopping in Madison, Indiana, the first night and completing the trip the next day.

Among the activities engaged in during the week was an all-day trip to a cave off in a mountain, the men walking the last three miles down the mountain side to the entrance which was just large enough for a man to slide through lying on his stomach. Inside the cave the party went off in groups and all got lost in the vast recesses, but finally got together and returned home to a lovely chicken dinner, southern style. On the way back some of the group visited a coal mine 700 feet in the earth, riding up on a load of coal.

Hunting For What?

Hunting honors went to Gene Worcester and Jerry DeBoo who trugged 15 miles Tuesday without seeing anything but 3 birds afar off. Then there was the matter of a stuffed squirrel out in the woods that each fellow was lead out to shoot full of holes thinking he had something.

Wednesday the party ostensibly took a trip to Norris Dam stopping off at Knoxville on the way back, but those "in the know" knew that the destination was the U. of Tennessee in Knoxville with Norris as a side trip on the way. After an hour and a half of questions and inspection at the dam, which is pretty big, the group went to inspect the University of Tennessee, which took 10 minutes, and then visited a bunch of girls

at Hensen Hall dormitory. Jerry De-Boo fell for the southern drawl of a girl from New Jersey who claimed to be from Mississippi, and Willy Roche saw a lot of one "Suzy-Q" who seemed to be sweet on him. Frank Lasker had a beer drinking bout with someone and ended up by seeing snakes for the rest of the nite. The other fellows just danced and—we forgot—Heidman met a girl really from Mississippi, her name was Berry, and she had a car, and Heid seems to think she was plenty O.K. So at eleven that night the ten men embarked for home 100 miles away and arrived at two in the morning without waking anybody.

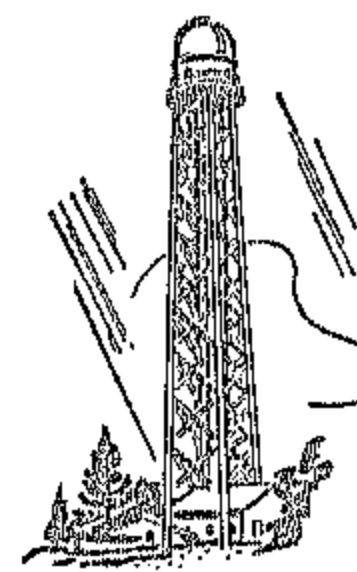
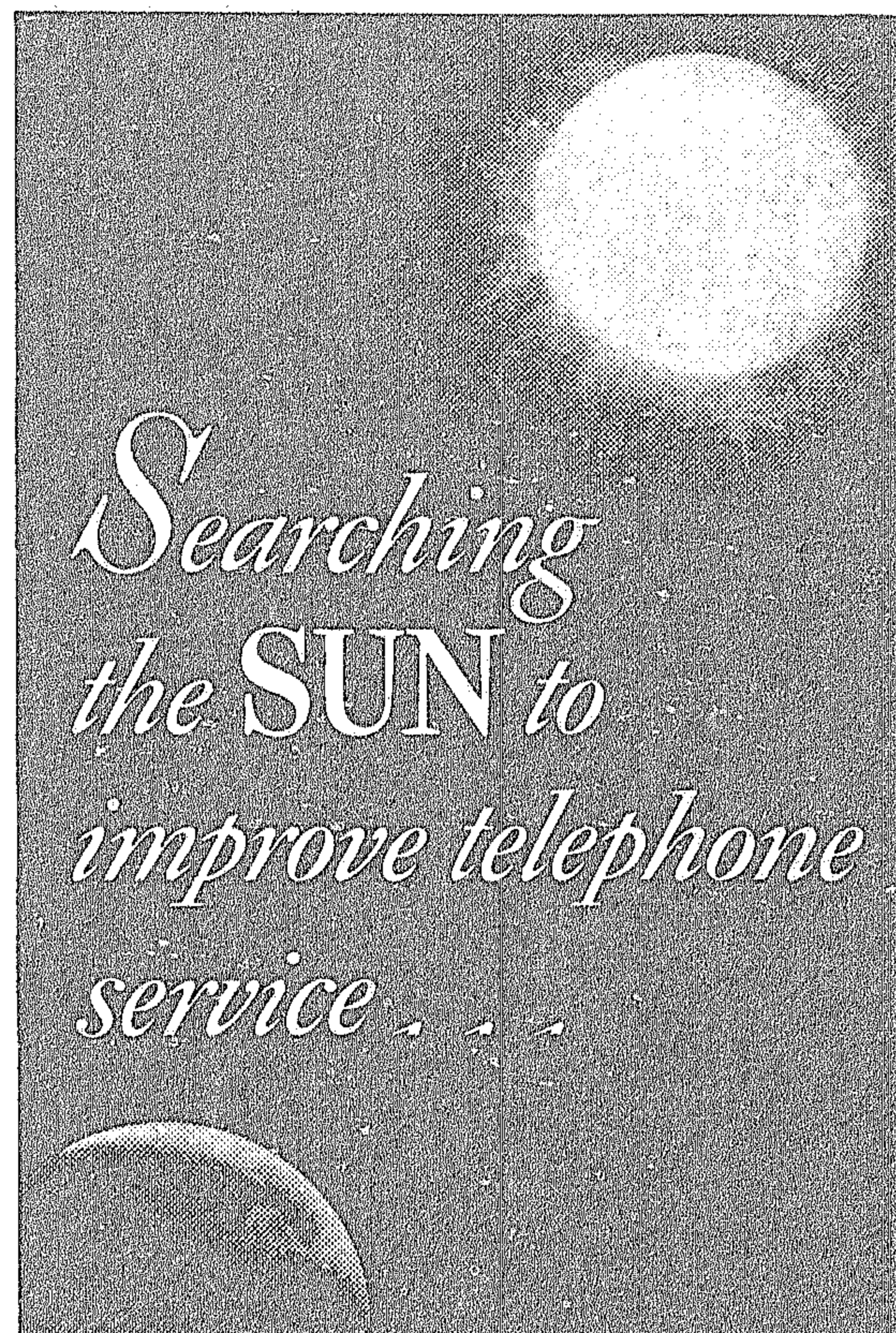
Watch Saw-Mill!

Thursday was spent in watching a saw-mill in operation, collecting a gallon of "Mountain Dew" (170 proof) and taking the local Allardt boys for a snipe-hunt.

The fellows stayed at the 23-room home of Huga Gernt in Allardt. Mr. Gernt's wife, Aunt May, and lovely daughter Marian, assisted in making the stay very delightful, and an extra woman was necessary to cook for the ten hungry Armour guys who consumed 20 dozen eggs for breakfast alone. Mr. Gernt and his brother own 100,000 acres of Tennessee, 80% of it wooded, and were able to keep the mob of ten by selling a lot of extra lumber.

The fellows who took the trip are all together on some basic points which include:

1. Southern girls are easier to meet and nicer than their northern sisters.
2. Southern hospitality is really something.
3. The Gernts are the finest people alive.
4. Enroll at the University of Tennessee for graduate work in "Nech Lab" as soon as possible, preferably right now.
5. Easter vacation shall see 10 Armour fellows visiting Tennessee again without a doubt.



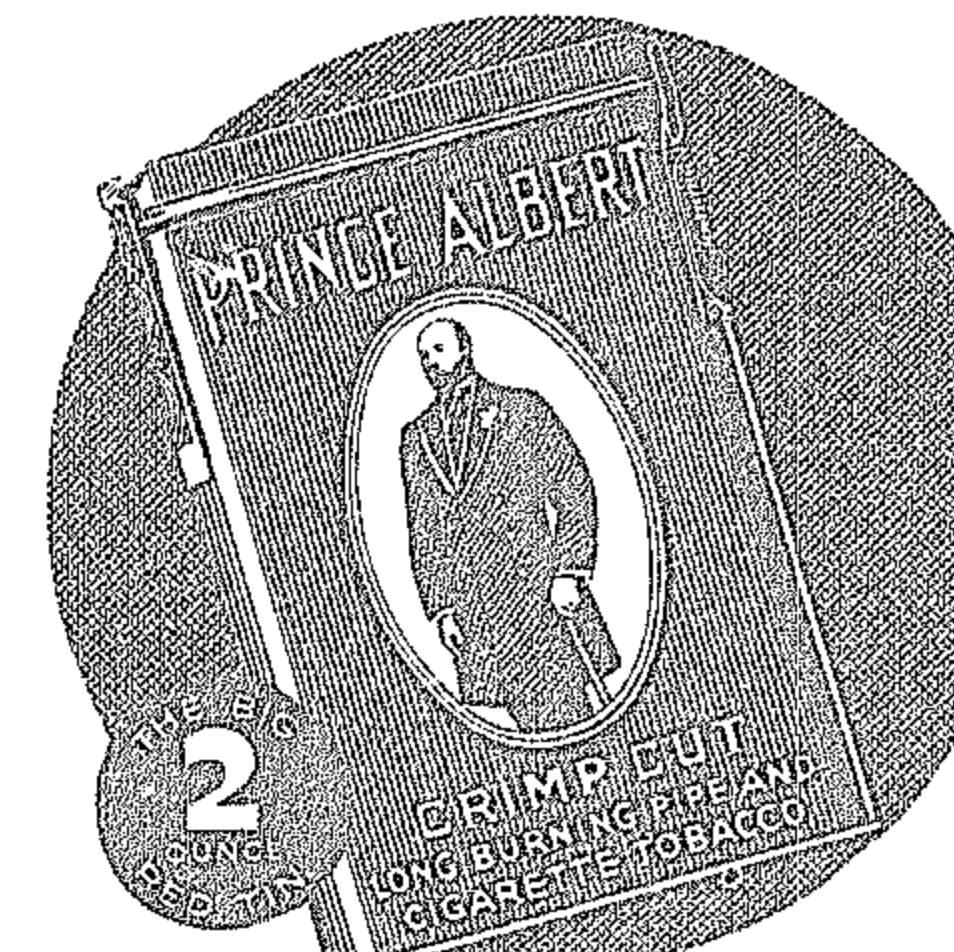
For years Bell Telephone engineers have been making exhaustive studies of solar data from observatories all over the world. They're learning how and why periodic sun spots affect radio telephony. And are applying their findings to give you still better trans-oceanic and ship-to-shore service.

Good evidence that telephone engineers will go to great lengths to make your telephone service more dependable, far-reaching and valuable.

Why not telephone home often?
Rates to most points are lowest any time after 7 P. M. and all day Sunday.



BELL TELEPHONE SYSTEM



PRINCE ALBERT IS A SHREWD BUY, PIPE-SMOKERS! P.A. HAS MORE OF WHAT YOU WANT—MILDER, MELLOWER SMOKING—FULLER, RICHER BODY!

SMOKE 20 FRAGRANT PIPEFULS of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the pocket tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage. (Signed) R. J. Reynolds Tobacco Co. Winston-Salem, North Carolina



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PRINCE ALBERT THE NATIONAL JOY SMOKE

Cardinals Check Techhawk Rally to Victor 43-40

Last Minute Rally Falls Short to Naperville Rivals

SWANSON SCORES 13

Playing one of their most spirited games this season, the Armour Techawks fell short of their traditional foes, the North Central Cardinals, 40-43, on the armory floor last Thursday.

Swanson piled up six baskets and a free throw for Tech scoring honors, while Leasure and Morin led the victorious visitors with 14 and 13 points respectively.

Tech Has Early Lead

Tech took an early lead when Norkus emerged from a scramble under the Cardinal basket to drop the ball through the hoop and Scherer made a very fast dribble through the scattered defense to tally two more points.

Long shots by Schiffler and Morin and a setup for Stucky changed the lead, but O'Brien dropped a pair of free throws to tie the score at six all. Schiffler then got hot and dropped in three more baskets while O'Brien was counting with a pair of free tosses.

Armour Trails 18-25 at Half

Wagner's try from near mid floor and Swanson's follow up brought Stenger's boys hopefully one point behind at 12-13. Morin and Leasure then exchanged with Wagner, Swanson and O'Brien, but Stucky's basket and a few more by Marin closed the half with the Cardinals leading 25-18. The second period opened with each team playing cautiously. Morin's free throw and hook shot increased the Cardinal's lead, but Swanson took a couple of long shots and Vacuus hooked one in to make the score 28-24.

Techawks Rally to 40-42

The next ten minutes featured a very fast game, each team playing hard and trying to break through tight defense. The quintets exchanged points regularly, till with only a minute to play Swanson and O'Brien scored five points to bring the running tally to 42-40.

Swanson and Scherer tried long shots to tie the score, but in vain, as Stucky sunk a gift shot and the whistle blew with the ball in the Cardinal's possession.

ARMOUR (40)		N. CENTRAL (43)	
B	F	B	F
O'Brien, f.	3 5 1	Leasure, f.	6 2 2
Hofmann, f.	0 0 0	Morin, f.	0 1 2
Norkus, f.	4 0 3	Imml, f.	0 0 1
Swanson, c.	6 1 1	Keith, c.	1 0 2
Scherer, g.	1 0 0	Stucky, g.	3 1 3
O'Connell, g.	1 0 1	Schiffler, g.	3 1 0
Henriksen, g.	0 0 2		
Wagner, g.	2 0 1		
	17 6 9		19 5 10

De Pauw Slashes Pool Records; Upsets Tech

Breaking three pool records, a strong DePauw tank squad defeated Armour Tech, 59-25, a week ago Saturday and evened up the score in the current series of swimming meets between the two schools. The meet was the first of two trips arranged by manager Downing for the tankmen.

The three new DePauw records were made by Salisbury in the 60 yard free style, Keiger in the 150 yard backstroke, and the DePauw relay men in the 400 yard event.

Most of the races were close, while in the 200 yards breast stroke there were actually some in the gallery that thought the winner should have been Svagdis.

Touching off the possibilities of future thrills was the 300 yard medley. Although this was more than twice the distance usually traversed by the Armour team, the finish was "one-two" in the time of 3:38.2.

In the 220 yards free style Dodge sprinted the last two lengths to come from behind and finish first in the time of 2:33 flat. That victory was the only first won by Armour in the meet.

The meet called for intercollegiate rules which required the Armourites to swim further than their customary distances. The nine Tech tanksters enjoyed their two day stay in Greencastle, Indiana, and eye their future trip to Kenosha, Wisconsin.

Tusslers Meet Cards In Gym Tomorrow

When they invade Armour's mammoth gymnasium tomorrow North Central's Cardinals will be seeking to avenge a previous defeat this season due to the work of the Tech matmen January 21.

Armour, having improved with every meet, has hit its stride with a record of three wins in the first four encounters, and will be more than willing to check the Naperville invaders. The Armourites will present virtually the same lineup as in their previous meet with the Naperville boys.

Juniors, Phi Kaps Swim Tomorrow

Defend Titles in Interclass, Fraternity Events

Tomorrow evening at 6:00 o'clock, Armour's swimmers will have their chance to get into competition with one another in the annual interfraternity and interclass swimming meet to be held at Bartlett pool. The Phi Kaps, last year's title holders, will be attempting to retain the interfraternity crown for another year while the class of '39 will be defending their right to the interclass title.

The fraternity meet will have seven events on the schedule while the class meet, held in conjunction with the fraternity meet, will have two events, both relays. In the fraternity meet the events will be run off in heats against time, and only two for each house will be allowed to compete in each event.

The fraternity ruling will ban all men with swimming awards as ineligible to compete in the fraternity meet, but all are eligible to swim in the interclass meet. The interclass officials have ruled all night school students ineligible in that meet.

The events and their order is as follows: fraternity 160 yard relay, 100 yard free style, 40 yard back, 40 yard free, and 40 yard breast; class 160 yard relay; fraternity 220 yard free and 120 yard medley; and class 120 yard medley.

Urge Larger Turnout for Diamond Champs

Spurred by a Northern Illinois Conference championship to defend, the ballmen turned out 35 strong in their first meeting of the year.

Pitching has been going on during the past week, and infield and outfield men will be reporting for warmups in the gym today. Because of their position and expectancy of another title holding team the squad has urged a large turnout of everybody interested in baseball.

There are further reasons why a larger recruiting is expected. Co-captain Seidenberg has announced all positions as open and has promised a larger list of reserve men.

More pertinent is the fact that in the spring nine senior men will be retiring, and those who report this season will have the run of the squad next year. Although 35 turned out at the first meeting, more have been urged to report today and at future callings.

Dixon Lifts Tech Pole Vault Record

Ralph Dixon crashed the Armour pole vault record with the new height of eleven feet six inches two weeks ago when the Techawk track team opened its indoor season with a practice meet against Chicago. It was a Chicago victory with the points 54 1/2 for Chicago and 29 1/3 for Armour.

The meet accomplished its main purpose which was to bring out the possibilities in the squad for the coming season. The highlight of the meet was the setting of a new indoor pole vault record by the junior vaulter, Dixon. A major letter winner last year despite the handicap of a wrenched knee, Dixon, is expected according to Coach Root to do twelve feet consistently by the end of the season.

Armour succeeded in taking three firsts. These were by Rothenberg in the high hurdles, Vandekieft in the shot put, and MacDonald, Dunbar, Mathews, Platts in the relay event.

Techawks Nose out Detroit, 43-42, After 25-37 Defeat at Ypsilanti

Playing their best game of the season, the Armour Techawks defeated the Detroit Tech five in the last minute of play, 43-42, a week ago Saturday night at Detroit. It was the second battle of their annual Michigan tour.

Co-captain Bill O'Brien starred for Armour, scoring the winning point on a free throw and piling up a high score of 22 points. The game was one of the season's best, ending in a melee, there being thirty-one personal fouls called throughout the game.

Detroit Leads at Halftime

The first half opened with both teams working the ball in matching shot for shot. Stempin broke the ice by dropping in a pot shot which was immediately matched by a long shot by Swanson. Detroit took an early lead on two baskets by Zebroski and Qualman and three free throws awarded by fouls.

Trailing by seven points, Bill O'Brien got hot on his hook shots and tied the score throwing shots right and left. A minor rally composed of short shots and free throws put the Detroit quintet out in front 25 to 18 when the whistle ending the first half blew.

Henriksen Ties Crucial Score

The second half was marked by numerous fouls, each team playing a very tight defense. Zebroski opened with a pair of charity tosses followed by a hoop by Sherer on a long shot. O'Brien dropped a short shot for two points which was immediately followed with another long shot by Bill Sherer. Paur Henriksen tied the score at 31 all when he swished two long shots from the center of the floor.

For the remaining ten minutes of play, both teams matched each other point for point. Mitchel of Detroit hooped a long shot which was matched by a long shot by O'Brien. Armour took the lead on a bucket by Sherer. Carlson, center for Detroit, hooked a pivot shot to bring the tally to a tie.

Henriksen's long shot was matched by Qualman with a pivot shot tying the score at 42-42. In a frenzied scramble for the ball on a rebound, O'Brien was awarded a charity toss which he sunk placing Armour on top with a 43 to 42 victory.

ARMOUR (43)		DETROIT (42)	
B	F	B	F
Sherer	3 0 2	Mitchel	2 2 3
Swanson	2 1 2	Fox	0 1 0
O'Brien	9 4 3	Carlton	0 0 1
Henriksen	3 0 2	Olesko	1 0 1
Hoffman	0 2 2	Qualman	4 4 2
O'Connell	0 0 2	Zebroski	4 2 3
Wagner	1 0 4	Stempin	2 3 3
	18 7 16		15 12 13

Lose to Ypsilanti Second Time

On the previous Thursday, a fast driving Ypsilanti quintet defeated the Techawks for the second time this season by the score of 37 to 25. Led by their high scorer and captain Paul Wenger, the Hurons employed a swift passing attack that produced results at the expense of the Techawks. Capt. O'Brien starred for Armour with five field goals followed by Swanson who sank four buckets.

BOX SCORE

YPSILANTI (37)		ARMOUR (25)	
B	F	B	F
Walsh	1 0 0	Sherer	1 0 2
Canacci	2 1 3	O'Brien	5 0 0
Engle	2 1 1	Swanson	4 1 0
Wenger	4 1 0	Henriksen	0 0 0
Ross	1 0 1	O'Connell	2 0 1
Walker	1 0 0		
Zucker	3 0 0		
Anderson	1 0 0		
Yenger	1 0 0		
	17 3 7		12 1 3

Swimmers Repeat Victory over North Central Squad; Win 35-31

Coming back in fine style, the Armour swimming team defeated North Central last Friday night at Bartlett Pool by a score of 35-31. Armour now has triumphed over North Central twice.

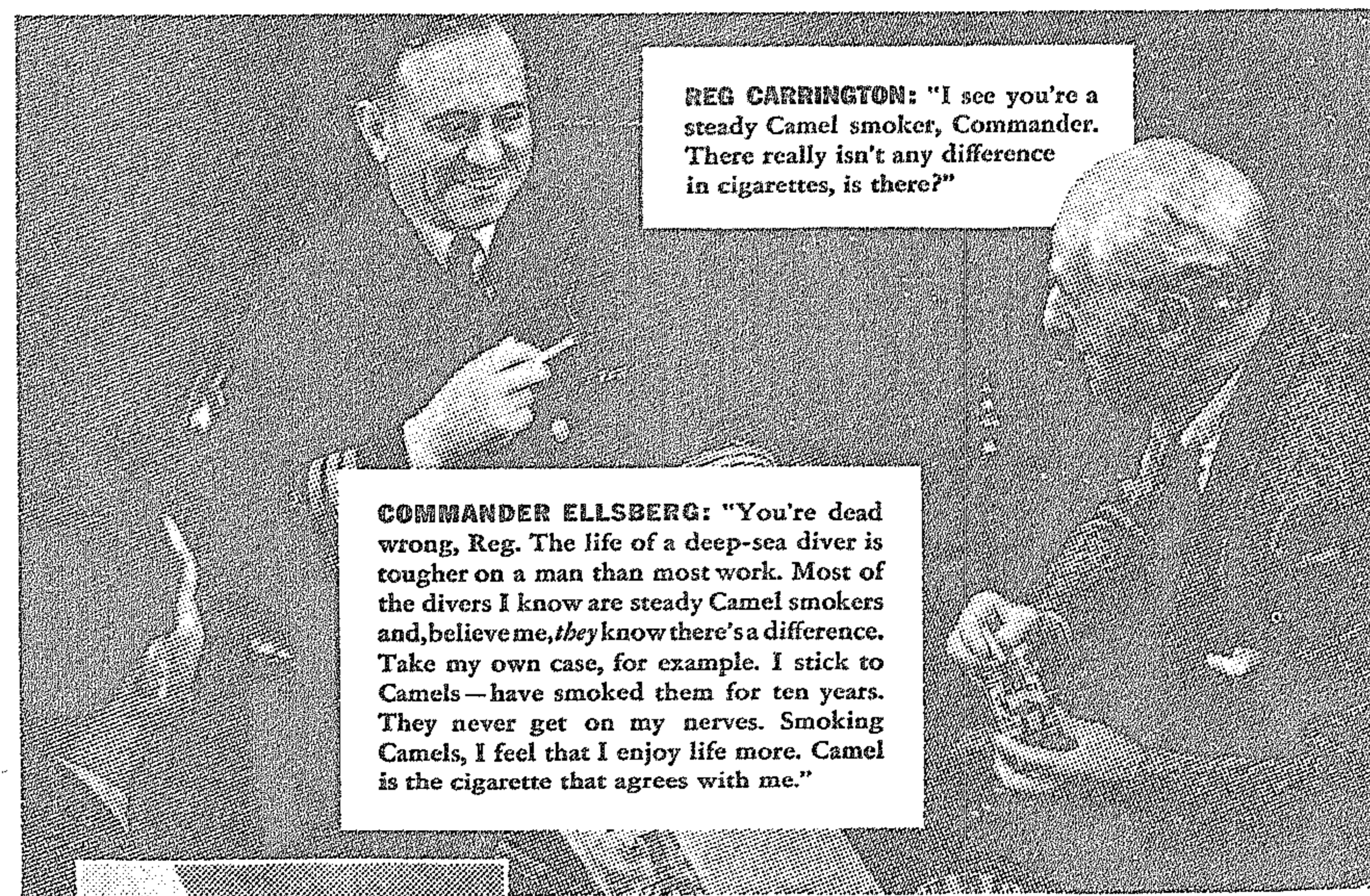
To start things off in the right general direction, the Tech mermen took the medley. It has been quite some time that an Armour trio has crossed the finish line first. Another surprising feature of the meet was that the times for the 100 yard backstroke and breaststroke were exactly the same—1:15.2.

Svagdis showed great form in traversing the 100 yards in the breaststroke when he flashed to the edge in first place. With Anderson, a new comer into the squad, pressing for the lead in the 220, Dodge had to swim that distance in the fairly fast time of 2:39.0.

Throughout the meet Armour had a decisive lead over North Central. When the results of the 100 yard breaststroke were announced, Armour had enough points to win, although losing the relay.

REG CARRINGTON ASKS COMMANDER ELLSBERG:

"Can you tell a Real Difference between Camels and other cigarettes?"



REG CARRINGTON: "I see you're a steady Camel smoker, Commander. There really isn't any difference in cigarettes, is there?"

COMMANDER ELLSBERG: "You're dead wrong, Reg. The life of a deep-sea diver is tougher on a man than most work. Most of the divers I know are steady Camel smokers and, believe me, they know there's a difference. Take my own case, for example. I stick to Camels—have smoked them for ten years. They never get on my nerves. Smoking Camels, I feel that I enjoy life more. Camel is the cigarette that agrees with me."

CLUB-ROOM CONVERSATION (above) so often swings around to cigarettes—an interesting topic to smokers generally. "I can tell the difference in Camels," Commander Ellsberg says. "That famous saying, 'I'd walk a mile for a Camel' expresses how enthusiastic I am about Camels myself."

NEW DOUBLE-FEATURE CAMEL CARAVAN. Two great shows—"Jack Oakie College" and Benny Goodman's "Swing School"—in one fast, fun-filled hour. On the air every Tuesday night at 9:30 pm E.S.T., 8:30 pm C.S.T., 7:30 pm M.S.T., 6:30 pm P.S.T., over WABC-CBS.

"Yes—absolutely!" says Commander Edward Ellsberg. And millions of other steady smokers know there is a distinct difference in Camels. That's why Camels are the largest-selling cigarette in the world.



ELLSBERG is used to fatigue. He says of Camels: "I found that smoking a Camel when I feel tired after an hour under water—or any tour of duty—gives me a quick 'lift' in energy."



IN ACTION! Commander Ellsberg shares danger with his men. He says: "The last thing a diver does before going down—and the first thing after coming up—is to smoke a Camel."

PEOPLE DO APPRECIATE THE COSTLIER TOBACCOS IN CAMELS. THEY ARE THE LARGEST-SELLING CIGARETTE IN AMERICA.

Camels are a matchless blend of finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic.

HIS FAVORITE sport—small-boat sailing. Camels are right beside him! "Camels fit in with my leisure hours, too," he says. "I've never known them to jangle my nerves. That means a lot—because I smoke a lot!"

ONE SMOKER TELLS ANOTHER "Camels agree with me"

SIDELINES

A. M. Zarem

Foreign Policy

Last semester two columns of Sidelines were devoted to a discussion of the military strength of the United States. At that time most people were "just curious" and such an article appeared to be just the thing. Since that time events have moved rapidly and the ever changing pattern of international affairs has been bent and contorted until it hardly seems to convey the same picture now—that it did so short a time ago.

What has happened since then?

About three months ago, President Roosevelt in a speech at the dedication of the new outer-drive bridge in Chicago, gave good indication that our foreign policy (which until that time had been essentially one of minding our own business) was about to undergo some revision. Mr. Roosevelt's "note" could have been considered a polite warning to both Hitler and Mussolini—yet it was aimed directly against the Japanese aggressions in China. Some such message was sorely needed. Here were two vain dictators gone crazy with their success in a few minor but no less abhorrent incidents—drunk with a lust for more and more power—and steeped in the blood of those who dared to defy them. Such men have no place in the delicate balance of foreign affairs.

Today we find that treaties are considered just so many pieces of paper, integrity in foreign affairs has hit a new low—while atrocities have hit a new high in inhumanity, and the whole general outlook for a world of peace is still dark. In the past we watched with more or less curiosity the actions of Hitler and Mussolini as they struggled to build a war machine. We were practically silent in the matter—just shrugged our shoulders, drew our coat tighter about us, and gave our attention to other internal matters. But now when it is apparent that Germany's and Italy's military machines are no longer in the baby stage—but to the contrary, have grown to be full sized monsters—we are beginning to feel uncomfortable.

It took the Sino Japanese conflict in the far east to awaken America to the danger of letting the world's two most popular playboys, wander at will. We have absolutely no reason for believing anything which either of these two dictators may promise. In fact they do not fully trust each other. Both of them claim that their countries need colonies to relieve what they are pleased to call over-population and to provide them with foreign markets.

How can we reconcile this clamor of overpopulation with the much louder shouting for more and more babies. It is commonly known that in both Germany and Italy every inducement possible is given to young men and women to marry and beget large families. Why such an action if such "over crowded conditions" prevail?

Constitution-

(Continued from page one)

(one for each day of the week), secretary, treasurer, six recording secretaries, and six assistant treasurers. The president, vice-presidents, secretary, and treasurer are elective offices, while the recording secretaries and assistant treasurers are to be appointed.

Many committees serving various purposes are provided for in the constitution. They are executive, membership, program, arrangements, promotional, coordination, housing, activities, and nominating committees.

Revenues for the Association shall be derived from dues and initiation fees from members. There will be no special assessments on the members, but any voluntary contribution to support any phase of activity can be accepted.

Those who were present at the constitution and convention were Fredric Oakhill, J. Chrastek, L. Faltelson, T. Kenny, W. E. Koch, H. A. Lynette, R. North, M. Roth, A. Rulis, R. J. Waykowski. The actual drafting of the constitution was done by Mr. Oakhill.

Round Robin Chess Tourney to Decide Team Positions

Adolph Rune, president of the Armour Chess Club announced today that there will be a special meeting of the organization tomorrow at 12:30 o'clock. The coming meeting will be of great importance to old, as well as prospective members.

The semi-annual round robin chess tournament which leads to the choice of an official Armour Chess Team got under way yesterday. It will continue until all but five participants are eliminated.

Members of the Chess Club meet every noon to play a friendly game of chess. Anyone who feels so inclined, may drop in and enjoy a similar experience.

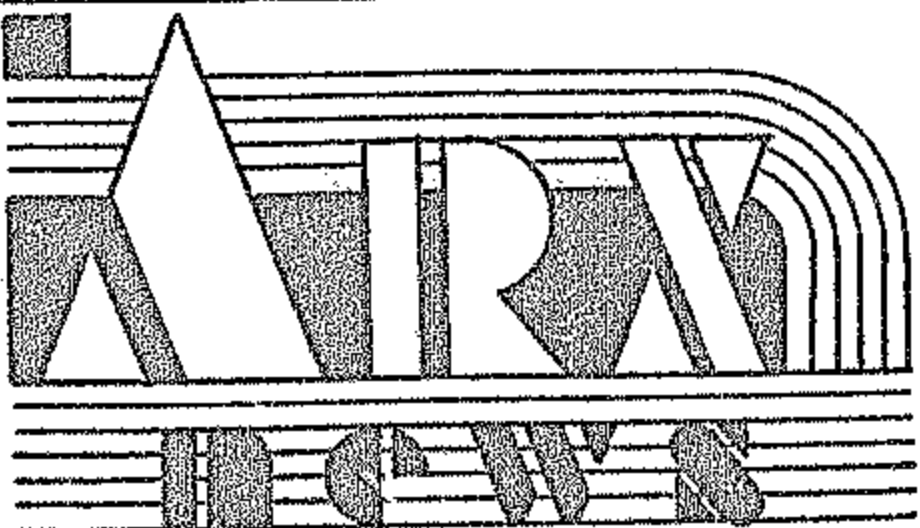
For those who may require the information, the Chess Club meets in the north drafting room on the fourth floor of the Physics Building.

STEAM SHOVEL

Joe (call me Steichen) ??? is the perfect candid camera fiend, from the victims' point of view. His camera invariably is in needle sharp focus—an inch behind the film. He never notices however, the emulsion dissolves in his special formula developer.

* * *

Some guys have a sturdy individualism that inspires admiration, but the cop on State and Madison failed to recognize this virtue while subjecting Bernard Sternfeld to a rigorous color test as a result of his happily putting his car in gear and grinding through the red.



Not long ago the writer was informed that our famed Art Gum was going out of circulation, at which I gasped and said, "Say no."

When I saw Art Gum, he said, "Tis so." Gasp again. Then he asked if Boz-Art would do the column, to which he replied with hearty enthusiasm, "Sir, I will consider it an honor to be able to inform the esteemed architectural department of all of its many activities, functions, wits, and nits." So here we are.

Needless to say, all contributions will be welcomed. All bits of gossip, scandal, news, etc., will be slightly altered (take notice) in order to pass censorship.

Overheard: Fellow day-dreamer, looking out open window: "Chu hear de birds yapping on de roof." (Engineer's dribble) Burnham has his ears open for more quancies.

Congratulations of the week go to junior Richardson and graduate Forsyth for rating in Paris Prize Prelim.

The Juniors are in their stride now and hit the Marine Museum for several mentions.

Mr. Mell and family are expected to arrive any day now. Sophomores are looking forward to seeing what marriage can do their esteemed crit.

With seniors on charette and yelling for assistance, we must do our duty. Till next, BOZ-ART.

Special Radio Club Meeting Called for Thursday Noon

The first special meeting of the Armour Radio Club will be held next Thursday afternoon, during the lunch period, in the radio club headquarters. Members, both old and new are asked to be present since a great amount of important business will be transacted.

Among other things the task of keeping the radio club's phone station in operation, will be delegated.

Prospective members as well as others who may be interested in the organization's activities, are especially invited to come to this meeting and get acquainted. For their information, the radio club headquarters may be found on the third floor, north room, first entrance, Chapin Hall.

F. P. E.'s Hear J. Thiemeyer Talk on "Report Manuals"

Through the cooperation of the Insurance Co. of North America the Senior Fire Protection Engineering class of field inspection heard Mr. J. Thiemeyer, representative of the company, who spoke about the "The Report Manual." This manual gives uniformity to all reports sent in by inspectors on field jobs. Information as to condition of safety devices, available water supply and other resources peculiar to the safety of the inspected work is included. Through the method described the various insurance companies are able to get a full report although the field inspector has not been in direct communication with the home office.

Gas Hazards Subject at A. S. M. E. Meeting

Safety Engineering Devices Shown to Students

The subject of "Gas Hazards in Safety Engineering" was discussed by Mr. C. C. O'Donnell, field representative of the Mine Safety Appliances Company, at the meeting of the A.S.M.E. last Friday which was held in the Physics lecture room.

The toxic effect of carbon monoxide, the gas which is formed by incomplete combustion, was explained. It was shown that one part of carbon monoxide in a thousand parts of air, while not dangerous, has a slight effect on human beings by combining the oxygen in the blood stream. Two parts per thousand will cause headaches or a general loggy feeling. Three and one-half parts per thousand for a period of five hours will produce unconsciousness. Eight parts per thousand for a period of five hours will cause death.

A number of devices for determining the amount of carbon monoxide present in the air were demonstrated. These consisted of a portable hand pump detectors which indicate the degree of concentration by a color change in a chemical. Other machines measured the heat of combination of carbon monoxide with certain chemicals by a thermocouple arrangement. The amount of heat involved determines the concentration of carbon monoxide.

February 22 Set as Date for New Play

Due to excessive academic duties, Prof. Homer C. Combs has announced his intention of resigning his position as director of the Armour Players, effective immediately after the presentation of "The Marriage Proposal."

This is the latest misfortune to hit the new play. Harassed by insufficient time for rehearsals, and difficulty in keeping the cast filled, the Players bore up well. Now that the cast is once more complete, they intend to stage their production on Feb. 22.

John Keane, Jorma Leskinen, and Miss Yvonne Cavanaugh from Broadcast Productions, Inc. compose the present cast. The sets have been designed, the props are in order, and the players are well versed in their lines. Barring any more untimely interruptions, "The Marriage Proposal" will be presented during 10:30 period on the previously mentioned date.

Successful Dinner Dance Is First Event of Co-ops

The dinner dance held by the co-ops Saturday, February 5, in the twenty-third floor Italian room of the Allerton House proved to be a very successful social event. The excellent time enjoyed by all who attended may be attributed to the fact that the social affair afforded the co-ops their first opportunity of meeting together in a body and to make contacts socially. The nominal price of the bid permitted the attendance of a large number of students.

a Thrill you don't forget

Every smoker remembers with pleasure the day he found out about Chesterfields.

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*mildness that's more refreshing
taste that's more satisfying
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Mild ripe tobaccos and pure cigarette paper, these Chesterfield ingredients are the best a cigarette can have. Chesterfields SATISFY

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