

Navy Contest To Offer Prizes To Writers; Trainees Eligible

A Writer's War Board Navy show contest for all officer and enlisted personnel of the US Navy, Marine Corps and Coast Guard, has been announced by the Bureau of Navy Personnel. A total of forty-one prizes in war bonds will be awarded.

In order to enter the contest, a skit, sketch, monologue, or song must be written by the entrant. This material may be either comedy or serious, and may be based on any imaginary or actual experience.

A group of professional writers has been selected as board of judges for the contest. Among them are such outstanding authors as Oscar Hammerstein, George S. Kaufman, Christopher La Farge, and Paul W. Gallico. They will select the best entries on a basis of originality and merit, and award prizes. Length and category are not important.

A total of 41 prizes in war bonds amounting to \$2700, will be sent to the authors of the best entries. The grand prize is a \$500 war bond, and there will be four first prizes of \$250 each.

The Writer's War Board is a group of outstanding professional writers who have offered their services to the government for war writing. The contest they have arranged offers an opportunity to discover and develop any amateur talent for play writing that may exist in the naval forces. Men of the IIT V-12 unit wishing to enter this contest may obtain a copy of the rules of entry at the Navy Office.

Trainees to Be Given Officer Rating Again

The men of the Illinois Tech V-12 unit will be notified as to their present officer qualification ratings within the next 10 days, according to Lt. A. W. Blake, executive officer.

Ratings were published at the end of last term and at that time the men were judged on a 4.0 basis. At that time those with rating below 2.5 were advised to bring them up immediately. According to Blake a number of men have raised their ratings while a few have dropped for various reasons.

Last week two trainees were transferred to Great Lakes because it was felt that they lacked the necessary officer qualifications.

RECORDER

(Continued from Page 2)

through a magnetic recording head in the process. The input of the microphone is converted electronically into a magnetic field through which the wire passes. This field magnetizes the wire and leaves a reproducible magnetic record. To play back the wire is rewound to its original position and then run through the recording head in the same direction as when recording the sound. The recording head acts as a pickup and reproduces the sound.

Unlike a phonograph, the record on the wire can be erased. This is done by passing the wire through a demagnetizing coil also in the path of the coil and placed so that the wire reaches that point before entering the recording head. As the wire passes any message already on it is blanked out by a magnetic field which leaves the wire in a magnetically neutral state. Simultaneously, as the wire enters the recording head, a new message can be recorded. Vibration, motion, or position of the recorder or reproducer do not affect the performance.

The entire recorder fits in a box 13 inches wide 12½ inches high and 9½ inches wide. It weighs 35 pounds complete with accessories.

Previous attempts at wire recording used some form of sharpened pole-pieces in the recording electromagnet. The disadvantages of this system were that the magnet wore, the pole-pieces vibrated and excess leakage flux produced low efficiency. In the Armour system, the recording is made by passing the wire through an air gap between magnetic poles which are nearly rectangular in shape. This reduces flux leakage and eliminates many of the former difficulties in recording on wire and tape.

The uses of the recorder are many. Somewhere in the South Pacific,

(See RECORDER on Page 6)

Battle of the Expense Account



ARF JOKE— Dr. T. C. Poulter presents R. J. Tinkhom with a fake service ribbon for his outstanding endeavors during the waging of the battle of the expense account. Tinkhom recently returned from a month's trip to Pearl Harbor in connection with a Foundation project.

Leo Terry, Popular Organist, to Supply Intermission Dance Music at Navy Ball

The Navy Ball committee announced that Leo Terry, popular Chicago organist, has been contracted to provide dance music during intermissions at the Navy Ball. Music will start at 8:15, half an hour before the time actually set for the commencement of the ball.

Mr. Terry has been featured at many dances and played for the largest downtown theaters, rendering his own interpretations in both hot and sweet styles.

Bids are on sale daily in the Student Union lobby between 11 a.m. and 2 p.m. Souvenir bids will be presented at the entrance to the ball. The price of bids is \$3.00.

The Link date bureau is ready and willing to supply dates to anyone for the Navy Ball.

The new date bureau office is room 112 Chapin Hall. The procedure for obtaining dates will be similar to that of former semesters.

The fellow wanting a date should contact Henry Pype, A/S George Martinko, Chuck Ronk, Bob Ahlgren, Bill Atchison, or Leonard Baness. He will be given a questionnaire asking him what kind of a girl he wants in height, hair, eyes, weight and complexion.

With this information a girl will be selected from the files who closely matches the fellow's choice. The applicant will be given this girl's phone number and address. He will also receive a blue card, half of which is to be given to the girl. From then on he is on his own. Each girl has been instructed to mail her opinion of her date to the date bureau.

The method of compiling the Link

bureau files was different than that of previous years. This year applications were sent to clubs and sororities of the University of Chicago, Morgan Park Jr. College, Rosary, and Mundelein College.

"Dates up to now have been more than satisfactory", said Bob Ahlgren, chairman of the Link. At least seven dates have been arranged already.

Henry Brandon and his orchestra, who will furnish the music have broadcast over the Blue Network from the Marine Dining Room of the Edgewater Beach Hotel, and over the Columbia Network for two years from the Ambassador East Hotel.

Parmly Foundation Studies Physics of Human's Deafness

The Parmly Auditory Research Foundation, one of the little known members of the Illinois Tech family, was established in December, 1942 through a \$300,000 trust fund left by Samuel P. Parmly, Jr. As a result of his own deafness, Mr. Parmly resolved that more should be done towards the solution of problems of hearing through research.

Since auditory research is a biophysical problem, the Foundation works in collaboration with the medical profession, meanwhile concentrating on the physics of hearing. At present the foundation is working on confidential government work.

The head of the foundation is Peter J. Mills. Before his appointment as director he did consultancy and research work in connection with scientific instruments and auditory problems in the Chicago area. He holds a B.S. in engineering from Drexel Institute in Philadelphia. Mills is also a professor of physics here. Assisting him in direction of the foundation is a committee of eight men, two each from the American Medical Association, ARF, and the electrical engineering, and physics department of IIT.

Professor Mills will attend a meeting of the Acoustical Society of America next week. This year's meeting will be held in the Hotel Pennsylvania in New York on May 11 and 12.

Lt. Wilhelm Leaves IIT For Pennsylvania Home

Lt. Samuel Wilhelm, disbursing athletic officer of the Illinois Tech V-12 unit, left last Saturday for a 15 day leave. He will spend his leave at his home in Pennsylvania. During his absence Wilhelm's duties will be divided between the commanding officer and the executive officer.

Fraternities & Sororities

Alpha Sig Pledges Plan Wiener Roast

The monthly business meeting of Alpha Sigma Phi will be held Wednesday at Martin's Restaurant. The pledges are planning a wiener roast to be held towards the end of the month.

Mark Dunnel, who is in the ASTP, visited the campus last week.

Kappa Phi Delta Gets Five Young Pledges

Kappa Phi Delta has announced the pledging of five new members. They are Mary Hartke, Pat Kennedy, Beverly McLean, Clarice Harold and Jacqui Edwards.

"Hell Week" begins May 21 and the pledges will be formerly initiated the first week in June.

The sorority had a "White Elephant Sale" April 28 at the dormitory; both active members and alumnae were present.

Pi Kappa Phi Pledges To Dine at Graemere

Pi Kappa Phi actives and pledges definitely decided on the Graemere Hotel as the site for the forthcoming pledge dinner dance. The affair will be held Saturday evening, May 26 and, according to Archon Tom Ruck, will begin promptly at 7:30.

It is planned that part of the evening's entertainment shall be furnished by the pledges in the form of a series of skits.

A Pi Kappa Phi mother's pin will be presented to Mrs. William Pottenger, mother of John and Bill Pottenger, former actives in the Illinois Tech chapter. Ruck stated that the pin is being presented in appreciation of the assistance that

Mrs. Pottenger has given the active chapter.

Helen Gordon Elected President of Lambdas

Helen Gordon was elected president of the Sigma Omicron Lambda sorority at the monthly business meeting held at the home of Gloria Landin. The other new officers are: Clair Brinkerhoff, vice president; Myrna Lokay, secretary; Gloria Landin, treasurer; and Hope Iverson, Pan-Hellenic representative.

Yesterday the Lambdas went on a picnic with the Eta Kappa Nu fraternity.

Sigma Alpha Mu Plans Mother's Day Program

Sigma Alpha Mu fraternity is planning a Mother's Day tea next Sunday afternoon at their fraternity house. The parents of actives, pledges and recent alumni now in service have been invited.

The pledges elected officers for their group last week. Harold Daniels is pledge captain and Al Wengerhoff is pledge treasurer. A new member of the pledge group is A/S Bill Berk.

A hay ride was held last Saturday at the Green Tree Stables.

Three Pledges to Sigma Beta Theta

The Sigma Beta Theta sorority has pledged three new members this semester. The pledges are Waunita Gorell, Pat Vedel and Corrine Cleban. Marie Palumbo, president, said that hell-week will start today and that the girls will be formally initiated by the end of the semester. Wednesday will see the pledges on the Armour campus.

SUNKIST PIES
Are Served Exclusively In The
IIT Cafeteria

Time for a get-together... Have a Coke



...or making the party a success

It's easy to plan a date at home when you have frosty bottles of Coca-Cola in the refrigerator. Have a Coke says the hostess, and the affair is off to a flying start. To young or old, this friendly invitation opens the way to better acquaintance, adds zest and enjoyment to entertaining. From Alabama to Oregon, Coca-Cola stands for the pause that refreshes—a way to make folks feel at home.

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
COCA-COLA BOTTLING CO., OF CHICAGO, INC.



"Coke" is Coca-Cola
You naturally hear Coca-Cola
called by its friendly abbreviation
"Coke". Both mean the quality product
of The Coca-Cola Company.