

Campers COMMENTS

(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired. The Managing Board reserves the right to select and edit the letters to be printed).

LETTER OF THE WEEK: Integral Encouragement
The Integral Staff should be complimented for the coverage they are giving the navy men and other activities.

I personally know that they have been hampered by lack of workers and co-operation. In spite of this, they are producing

Collegiate World

At Lawrence College in Appleton, Wisconsin, the MAA's of the V-12 Unit will inspect the girls' dormitories! All the usual corners and crevices will be inspected. However, the girls are assured that drawers and closets will be left unopened!

A reporter for the College Eye, campus paper of Iowa State Teachers College, estimated that over 100 cows are necessary to supply all the milk used on the campus in one day.

Seniors of Stevens Institute of Technology are making life miserable for the freshmen. A committee of seniors composed several rules to be adhered to by the frosh. The "rules" stipulated that: Freshmen must know and carry on their person at all times the Freshman Handbook, wear black socks, refrain from smoking, etc. Failure to observe these rules resulted in a loss of a pair of pants. The score at the end of the day was: Lost by the freshmen, forty pairs of pants; lost by the seniors, six pairs of pants.

From Lawrence College in Appleton, Wisconsin, comes this interesting item: While redecorating the college president's office, the superintendent of the painters took an fancy to the desk and removed it to his own office. Later questioning disclosed that he was disappointed because he had no secretary to go with the desk!

Carnegie Institute of Technology lays claim to a part of Hollywood. One of its alumni, William Eythe, will play opposite Anne Baxter in forthcoming production, "The Eve of St. Mark."

—A/S ALAN KUKRAL

a book which should be noteworthy for candid pictures, cartoon work and drawings. Don Arenson is too little appreciated for the time and effort he is putting in on the yearbook.

There is only one suggestion I could make for an improvement. I would like to see a comprehensive index of all fraternities, societies, clubs and other organizations on the campus. It is very exasperating to have to thumb through past volumes to find the organizations that one is affiliated with.

With this innovation, I feel that the new Integral should well be one of the best produced at IIT.

Not a member of the Integral Staff

The 4B's Answer

It seems an editorial appeared in the last issue of *Technology News* concerning the past elections. However, a greater portion of the article was directed against the 4B class, and some rather challenging and unfounded statements were made about this class.

In the first place, the question was brought up as to why the 4B class was better than the other classes in that they could hold their own elections. If the editor would have investigated the matter to any length, he would have found out that the present 4B class was given special permission last semester by the ITSA to hold their own individual class elections since they were an off-term class and yet were so strongly interested in being represented in student affairs.

Secondly, the editor made some strong remarks stating that many of the officers merely regarded their offices as honorary titles and did not perform their duties to the full extent. The present 4B class is one of the most active classes on the campus and its officers are represented by some of the leading and most active men on the campus.

Henry Koci
President, 4B class

IIT Inquiring reporter

QUESTION

Why did you pick the engineering field and if you had the chance would you change?

SHIRLEY SEXSON, JUNIOR MECHANICAL: I chose the engineering field because the prospects interested me. There is so much more future, in my opinion, in engineering than there is elsewhere. I believe that, basically, engineering is the foundation for present and



future living. Although my preparatory training was not for engineering particularly, I found that as I went farther along my interests were of a more technical trend.

JOSEPH GOLDBERG, JUNIOR MECHANICAL: I have always believed that an engineer was the only professional man who was given the opportunity to exercise all of his physical and mental facilities. He must not only know structures and their properties but people and their habits and quirks. In choosing engineering as my future profession I do so to make my mark in life by contributing in some small way to the betterment of the science of machines and man

DAVID A. ZAWOLKOW, JUNIOR MECHANICAL: For years I heard about the romance of engineering, the chance to better humanity, the opportunity to make a place for myself (to say nothing of the practical financial possibilities). So, here I am at IIT—no romance, no humans, and most of all, no money. However, the possibilities for making a place are outstanding.



HENRY HAWRYLEWICZ, FRESHMAN CIVIL: The idea of becoming an engineer came to me while in high school in my technical drawing class. Investigating the matter I found that engineering, as a profession, would appeal to me very much. The work in itself is very interesting and the engineering profession is an enormous field in which one can steadily develop his abilities which could be utilized for the betterment of society. No, I don't think I would change.

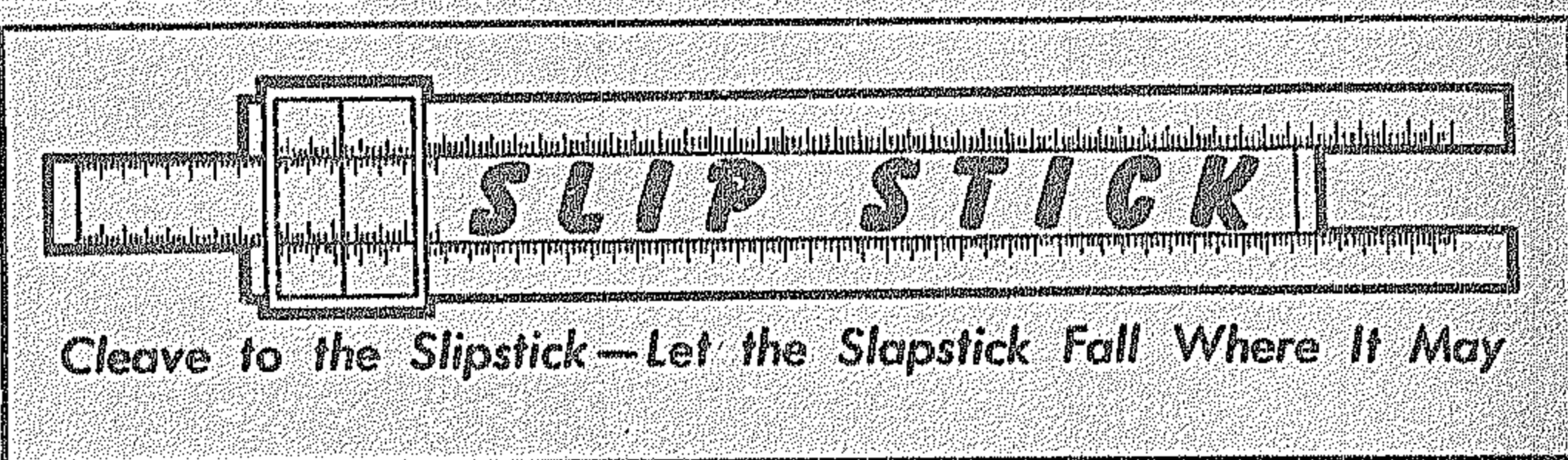
A/S J. BYRON FANSELOW, JUNIOR MECHANICAL: Aeronautical engineering first held my interest and it was with this in mind that I first started college. Upon entering Armour with the navy I had to take my first two years of mechanical before entering into the aeronautical option. Mechanical engineering then became my first interest and I decided I'd have more opportunities in the navy by taking this as my major.



—LEONARD BROWN

Camel's Notes

PROF. WALTER HENDRICKS, head of the English department, will run for the Illinois General Assembly from the fifth district . . . MARION LINDSTRAND, physics secretary, worked for several months as a draftsman in a south side war plant before coming to IIT . . . A/S NED GRABLE, sophomore aeronautical, is a distant cousin of BETTY GRABLE, the Hollywood movie actress . . . PAUL O. RIDINGS, director of the News Bureau and soon to be associated with one of the leading advertising firms of the country, could not decide when he finished high school whether he was to be a mathematician or a journalist . . . DEAN LINTON GRINTER'S daughter won a scholarship to the University of Chicago . . . The above-mentioned PROF. HENDRICKS' daughter won a scholarship to Smith College . . . MRS. HELEN STEVENS' daughter was awarded a scholarship to Mount Holyoke . . . A/S GEORGE FAIRMAN was plant superintendent of a dairy in St. Clair, Mich, before his enlistment in V-12.



It's too bad I have to give you the same old jokes every week, but I promise you that some day soon we shall have a new joke, and what a day that will be. So for now let's get back to the trash.

"Oh, what a strange looking cow!" exclaimed a sweet young lass from the city. "But why hasn't she any horns?"

"Well you see," explained the farm lad, "some cows are born without horns and never have any, and others shed their's, and some breeds ain't supposed to have them at all. There's a lot of reasons why some cows ain't got horns, but the reason that cow ain't got horns is because it ain't no cow—it's a horse."

—IIT—
OVERHEARD IN A GRAMMAR SCHOOL CLASS ROOM:
"Johnny, do you want to leave the room?"
"Say, teacher, do you think that I'm standing here hitch hiking?"

—IIT—
With all the shortages in the line of liquors and the production of inferior grades, I give herewith all the interests of the engineer at heart a technical report received from a research laboratory on these products.

The specific products tested were pints of whiskey.

The procedure is to connect 20,000 volts across the pint:

1. If the current jumps it, the product is poor.
2. If the current causes a precipitate of lye, manganese, arsenic, pig iron, slag, and clay, the whiskey is fair because it has a substantial base.
3. If the whiskey causes the current to retreat back to the generator the whiskey is good for it has substantial resistance, capacitance, and non-admittance.

For an excellent whiskey we, I mean that is they, have not devised a test.

—IIT—
A/S X: Let's sit in the parlor.
Marion: No. I'm too tired. Let's go out and play a quiet game of tennis.

—IIT—
Cigarette Note:
Did you hear about the man who smoked so many Camels, that his nerves got so steady that he couldn't move?

—IIT—
Philosophical Note:
A simple way of escaping hysterical arguments, when you are asked, "What do you think about the war?" is to exclaim, "Extraordinary!"

—IIT—
"Is this the Salvation Army?"
"Yes."
"Do you people save wayward women?"
"Yes."
"Fine! Save me two for Saturday night."
—LARRY VYTAUTAS CERNAUSKAS

V-12 VETS

A/S PETE KINNUNEN

A/S Pete "Hashmark" Kinnunen shipped in, in 1939. He took "boots" in Newport, Rhode Island. "Hashmark" took his first assignment aboard an old "tin can". The ship was a four-stacker, commissioned during World War I.

His "can" was in Brazil on the fateful Sunday morning of Dec. 7, 1941. Soon following the report of the insidious Japanese attack on Pearl Harbor, came orders for "Hashmark" transferring him to Panama. After a brief stay in Panama he was again moved, this time back to the States.

After his arrival in the States, "Hashmark" was ordered aboard a "tin can" that was commissioned about a week before. Soon after, "Hashmark" and his new ship set sail on the high seas, destination: South Pacific.

"Hashmark" and company, had their first taste of real battle at the same time the U. S. went on the offensive, namely, Guadalcanal.

After the battle of Guadalcanal came Bougainville, Rabaul, the Gilberts, and Tarawa. "Hashmark" witnessed the sinking of the U. S. S. Chicago, in the Solomons. He, personally, was in charge of a small boat that rescued many American lives from the Pacific, after this sinking.

At Rabaul "Hashmark" witnessed the first Japanese attempt at night bombing of surface craft aided by the use of flares. It was at Rabaul that his ship was subjected to a bombing attack by 120 Jap planes.

Another change in orders set the compass whirling to points north, the Aleutians and Alaska. Pete, and crew, then took on the Japs in the battle for Kiska and then Attu. During the landing at Attu "Hashmark" and crew stood off shore and shelled the Jap shore installations.

"Hashmark" applied for V-12 out at sea and waited a year until his orders to report came. At the time his transfer came through Pete was a machinist mate first class.

From San Diego he went home for a few days leave and then reported to IIT. "Hashmark" is now quartered at George Williams where he is P O of the second deck.

—A/S CHARLES SMITH

dis & data

Conducting the largest and most advanced Signal Corps training program in the Sixth Service Command has been one of Illinois Institute of Technology's most impressive contributions to the nation's war effort.

A total of 4316 Signal Corps men were trained in pre-radar and code work by Illinois Tech from May, 1942, to August, 1943, in courses lasting from ten to twelve weeks.

Although turning out the smallest group of graduates, focal point of the program was a course in ultra-high frequency techniques. Upon completion of that course, men were ready to learn the real secrets of the miraculous war weapon, Radar, and were eligible for study at advanced Army schools.

Largest group of trainees consisted of 2414 men trained in basic pre-radar, while 797 were taught advanced electronics. Six hundred and forty-six men studied code and radio procedure at Illinois Tech's radio operators school, for which the Institute took over the Northern Illinois College of Optometry.

—dis & data—

Did you know . . .
That Paul G. Andres, professor of electrical engineering, was the man who designed and installed equipment and trained the operating personnel for the Indiana State Police Radio System?

That Dean Fred A. Rogers, currently the oldest faculty member in point of service at Illinois Tech (he joined the faculty in 1896), was demonstrating radio in Chicago at the same time Marconi was pioneering the field?

—dis & data—

Few Techmen may know it, but Illinois Tech was the birthplace of the modern radio tube.

Lee DeForest, one of Chicago's early radio broadcasters, was doing experimental work on Tech's south campus just after the turn of the century. It was from there that he made one of the first broadcasts in the city—to the old Lakota Hotel, then located on 31st Street.

At that time, a radio tube consisted of only two elements—a filament and a plate—and was used only for receiving sound. But during his experimentation, DeForest discovered that by adding a third element—a grid—the tube could also be used for sending sounds, such as music and speech. The discovery resulted in his invention of the triode vacuum tube, now basic for radio and electronic devices.