Carillon Sounds at Lunchtime

Silenced Chimes Ring Out Again

At noon today, the Student Union Bell will again resound across our campus. The Student Union Bell, also known as the Carillon, has been silent since early in 1962 when the building, the old Student Union, was torn down.

Recently the Carillon was reinstalled in the basement of the MC building near the switchboard room. The school is planning to build a glass-enclosed room and around it so that any student going down the southwest stairwell can see it. Outside the door to the Carillon will be a plaque inscribed:

This Carillon is the gift of and Alumnae of the Illinois Institute of Technology in Memory of his friend and Classmate.

Control Seal 1952

Nineteen Hundred Fifty

The Carillon and amplifier are completely automatic consisting of a clock and a rotating disc with various pegs on it. As the pegs strike contacts, they set off a relay which activates the hammers on the chimes, striking the hour.

The bell will indicate the hour and each quarter hour by a set of four chimes. The bell will ring every hour, twice at the half hour, three times at quarter to and hour and so on in addition to ringing the hour.

The Carillon will now continue playing as it did in its old site. The music that will be played will be either classical or religious. Popular holiday concerts will be presented.

The Carillon will also play various tunes with the chimes.

Quad, HUB Homecoming Decorations Will Highlight 12 Queen Candidates

The Homecoming Queen will be chosen from among the largest number of candidates to enter the school's history. Eleven at an election to be held Monday and Tuesday, 4 and 5.

The election will be held in the HUB auditorium, 25th Street and the HUB will be open to all activities.

Voting for the queen will be by preferential ballots. There will be three voting locations open in the HUB, one in the residence halls.

The eleven queen candidates include Kappa Phi Delta pledges.

Quad, HUB Homecoming Decorations Will Highlight 12 Queen Candidates

Tina Swidler, LL61, Lynn Rieke, ME 3, Jane McElhose, Arch 1, Patricia Hofstetter, Phys 3, and Jean Nelson, Arch 1, Delta Zeta pledges, Marsha Peters, ID, Judy Mackrill, Phys 1, Rosemary Cusato, Math 1, and Mary Keel, Math 3.

Two independent, Margaret Sheridan, Math 3, and Sharon Hemmingston, ID 1, are also entered, Kathy Madonick, last year's queen, is election chairman.

Other activities for the weekend include a dance Saturday night with music provided by Woodstock and a barbecue near the normal fraternity-residence hall football game Saturday.

The Queen will appear on the Quad, with each freshman decorating her house for the returning alumni. The best decorated house will be given an award. The central theme of the decoration will be Japanese or Chinese with the general theme of the weekend.

Student Body To Vote On ITSA Const. Referendum

Joe Cuth_BUFFER REFERENCES], ITSA Rules Committee chairman, disclosed that an ITSA constitution referendum will be submitted to the student body.

"The purpose of this referendum is to guarantee the student body a well planned and co-ordinated Integral Ball, ITSA Picnic, and all other all-school social events sponsored by ITSA," said Cuth_BUFFER REFERENCES.

"If approved, this referendum would afford the ITSA social chair a situation quite similar to that of the ITSA Treasurer. It would provide a definite familiarity with ITSA committee and financial policies and the previous Social chair's experience for the Assistant Social chairman thereby enabling him to plan more efficiently for the future as ITSA Social chairman.

"ITSA Constitution will be affected as follows:

Article VII: Amend Section 7.6 The Social Chairman shall be elected by the student body in the month of May.

The Assistant Social chairman shall be elected by the student body during the last five weeks of regular class in the fall semester. He shall remain an assistant to the ITSA Social chairman until completion of the Social chairman's term of office in the spring. At that time the Assistant Social chairman will become the Social chairman of ITSA.

"ITSA Constitution will be amended as follows:

Article VII: Amend Section 8.3 The Social chairman of ITSA must be in his second, third, or fourth semester at the time he takes office.

The Social chairman of ITSA must be in his fourth, fifth, or sixth semester at the time he takes office.

Inquiries to Joseph Cuth_BUFFER REFERENCES, chairman of ITSA Rules committee, DA 6-9320.
Students Must Show Need For Longer Library Hours

Many members of the ITT faculty, especially those of the College of Liberal Studies, and students seem dissatisfied with the present Kemper and Corner library hours.

The library closes at 8 pm on weekdays and 1 pm on Saturdays. It is not open on Sundays. The editors of Technology News feel that these hours are inadequate for most students' purposes. Night students can never use the library on weekdays because their classes and at 8 pm.

Students who get out of class at 5 pm can use it for only three hours (if they skip their supper). A student does not have the opportunity to extended periods of research although doing all the work on a term paper, etc., in one day is often the most efficient method of getting it done.

Past attempts to get library hours extended have occurred periodically and have been largely ineffectual. According to W. H. Hytle, Assistant in charge of student services, these efforts have failed because they were short-lived and poorly handled.

At the present time, however, the library committee is meeting to discuss extended library hours. If students or faculty members are truly interested in

Students Should Support Constitution Referendum

We are pleased to note that the front page of the newspaper this week announce a referendum for the election of an new ITSA social chairman. In this case, we are pleased with the outcome.

Both parts of this referendum should be adopted by the student body at the elections on December 2 and 3. On page one, Joe Cudaik, ITSA Rules committee chairman, outlines the general reasons for this stand, but we feel that these statements will be followed up with explanations.

It is important that the ITSA social chairman for the 1964-65 school year be in attendance at Spring Conference this year. The calendar and budget will be finalized at that time and he should have some voice in its contents. Under the present system he is not even chosen until after the conference.

The controversy over the Integral Ball this year indicates that the social chairman needs more time and participation for the annual all-school formal dance than the present system allows. Training under someone (the previous social chairman) would provide excellent opportunity to learn all the intricacies of planning such an affair.

Perhaps we can draw a strong analogy between the treasurer and the social chairman. Both positions require intricate experiences and backgrounds which are more detailed than those of any other office on the Board of Control. The two assistanship plans (which are similar) provide the necessary training.

Increasing the semester standing requirement for the position of social chairman is also necessary. To assume this role, a candidate must have a clear understanding of the ITSA structure and the specific structure of the social committee. This can only happen after a certain term association with the activities of the social committee. (The association is not cultivated in the second or third semester of school.)

The candidate must further have contact with the various people on campus who can aid the promotion and production of ITSA social affairs. These contacts only come after a time association with the student body. Increasing the semester standing of the chairman also tends to increase the age and experience of those working on the committee.

More people who have seen numerous social events (and mistakes to avoid) can insure a more successful planning of the future.

TVA Disposal Unwise; Goldwater's Ideas Waver

In recent weeks, Senator Barry Goldwater has advocated selling-off the Tennessee Valley Authority. He opposes that the chemical and power plants be sold to private corporations and that other public works, such as flood control and conservation, be placed under the jurisdiction of the appropriate state and federal agencies. This proposal has been met with cheers from conservatives and aghast cries from liberals. Both reactions, however, seem to ignore the facts of the matter.

With regard to selling the chemical and fertilizer plants, Senator Goldwater may have a point. While we do not deny that the plants have been run efficiently and have improved general economic conditions in the region, we feel private ownership will undoubtedly be as efficient and in some instances better for the economy, if not more. There seems to be no need for the federal government remaining in other electrical or chemical business simply because it was expedient to do so in the 1930's. In the 1960's, the government is not needed in these areas.

The second part of Senator Goldwater's proposal—placing the conservation and flood control functions of TVA under direct authority of the appropriate state and federal agencies—seems unwise (and somewhat inconsistent with the Senator's own philosophy of government).

TVA is a unique instance in which decentralized authority has successfully been employed to solve a distinctly regional problem. The TVA has been able to end flood problems and to create parks, beaches, and navigable waters for the region. Much of the success of the TVA is attributable to the fact that decisions must be made by an agency which is limited in geographic scope to a natural area, limited by state boundaries. To shift responsibility for conservation and flood control in the region to the states and federal agencies would increase the size of the federal bureaucracy (which Goldwater despises) without necessarily increasing the efficiency of operations.

While the Goldwater proposal, in its entirety, has little merit, perhaps some revision of TVA should be considered.

SIC Set Up Good Students' Apathy Hampers Operation

In recent weeks, the SIC has been making proposals concerning the Student Investigating Committee. No matter how well defined the structure of this latter committee may be on paper, the scope and effectiveness of its operations will remain limited by student interest.

In the past, attempts to raise the level of student apathy by simply increasing the size of the committee and the number of its members have been unsuccessful. The students involved in the SIC have generally been those students who are already interested and concerned about students' rights and issues.

Perhaps it is that they do not believe that SIC does any good. Perhaps it is that revealing the name(s) of the student complainant(s) is true, but the matter is curried to the department head involved, though the SIC is not aware. It is possible that the SIC is not itself as good as it should be.

The Constitution also declares that the SIC, "is the forum for students to voice their opinions during the initial stages of a proposed investigation." This is true, but it is also true that the SIC must function as an effective forum for the expression of students' concerns. The SIC must function effectively if it is to be truly effective.
Letters to the Editor

Steins of BON Dispute Faculty Athletic Ability

Mr. Editor:

This is an open letter to the members of the faculty and administration of IIT. We the steins of Beta Omega Nu do hereby challenge you to an athletic event of your choice to be held at your convenience and at a place of your choice.

We are proposing this challenge to foster a closer unity between faculty and students. Therefore, we hope this challenge will be accepted.

The steins of Beta Omega Nu

There will be no issue of Technology News next week due to the Thanksgiving vacation. The next issue will appear on Dec. 6.

John LaCost wanted a part in scientific progress

John LaCost received his B.S.E.E. from the University of Illinois in 1962. One of the factors which influenced him to join Western Electric was the quiet manner in which new engineers become operational.

During the short time John has been with us, he has worked in several areas which are vital to the nation's communications complex. And with his future development in mind, John attended one of our Engineers Training Centers and studied the front-end Electronic Switching System. He is currently working as a system engineer on such projects as cross car switching and line time pulsing.

John's future at Western Electric looks promising. Indeed. He knows he will be working with renowned engineers, and the experience gained will be invaluable.

He has it at Western Electric

Western Electric Manufacturing and Supply Unit of the Bell System

---

Mericle Resigns Position Dunn Appointed to Post

Richard Mericle, ITSA engineering representative, announced his resignation as ITSA vice president at Wednesday evening's ITSA Board of Control meeting. He stated that he was forced to resign because the ITSA Constitution states that no one may serve on the Election Commission if he is running for office.

The ITSA vice president is automatically the chairman of the Election Commission, and Mericle has announced that he intends to run for that office in the December ITSA elections.

Mericle explained that, through his resignation, was not yet required, he felt he should resign now so that the new vice president would have time to organize the Election Commission for the coming elections. He stated that he would have to resign the vice presidency by Wednesday evening.

The ITSA Constitution requires that the vice president be chosen from among the five divisional representatives. The other two engineering representatives, Joe Cudahy and Richard Teasch, stated that they would be running for this position. They said that the Arch-3 representative, Ray Poggevitch, is officially undecided.

Mike Dunn, Liberal Arts representative, as a graduating senior is ineligible to run for any office and thus was awarded the vice presidency on a white ball.

A motion to increase the number of class officers in the ITSA, including divisional, residence halls, political, and EPC reps, proposed by the last meeting's A.O. Cooperaman, junior class president, was defeated.

Gowans also proposed that the junior class be allowed $100 which is given at Fall Conferences, but was taken away when the class officers failed to submit the proper recognition forms on time. The proposal was passed.

Richard Teasch, Eng. rep and Chairman of the Advisory committee on Student Activities, reported that Pi Delta Epsilon, a national chemical honorary, had applied for recognition, and had submitted all the required information. He urged that the class sponsor this group. The matter was automatically referred to the Student Activities committee for further study.

Brilliant Musical Program Received Standing Ovations

The Moscow Chamber Orchestra came to IIT last Saturday for its only Chicago appearance. Playing a program that ranged from the Baroque period to the twentieth-century, the orchestra demonstrated its home in all the musical periods.

The concert opened with Mozart's Symphony No. 29 in A Major K-V. 301; played as it must have been played in 18th century Austria.

The second movement, Boccherini's Divertimento in D Major, was a musical departure from Mozart. Of the three movements: Allegro, allegro non troppo, and allegro ma non troppo, the last was the most moving, allegro ma non troppo, is a gay dance.

The last movement, Prokofiev's Variations was performed in an arrangement by the orchestra's conductor, the Russian. All the variations were quite reminiscent of this famous composer.

The last work of the program was the Cello Concerto in C Minor by Dvořák. The orchestra appeared to be the Blue Skies Orchestra, and gave the orchestra a standing ovation at the conclusion.
'Computers Need Humans' States IIT's Schmeising

by Edward Minksha

"A computer can do nothing by itself. It must be told explicitly what has to be done. However, if you do tell it what to do, it will do it in less time than any human," stated Dr. Howard Schmeising, assistant director of the IIT Computation Center, in Siegel hall.

Schmeising, who received his BSc and PhD (PhD) from London University, came to IIT in 1959 as a post-doctoral research associate. He is presently a research assistant professor of chemistry. Schmeising added, "About five years ago I was asked to come to the Computation Center in the Department of Science, which was headed mainly by the computer and a few graduate students.

"Dr. Peter G. Lyman, then acting director of the Computation Center realized that there was a need for a centralized Computation Center under the school's own control. He suggested that a one credit hour, one semester course in the philosophy, design, and use of digital computers be offered to undergraduates. "The students who passed this course (CS 301) would then be allowed to use the computation center facilities for problems arising in their normal course work."

"In September, 1962, I was appointed Assistant Director of the Computation Center, with a charge to carry out these plans. October operations began.

"At the end of one year, computer usage had increased tenfold. In fact, near the end of the semester, the center is so busy that the machines are kept running 24 hours a day, 7 days a week."

When asked why a chemist should be so involved with computers, Schmeising replied, "The theoretical field of quantum chemistry entails a considerable amount of complicated mathematics."

"This is the fact that the supporting framework and the relationships are not problems that are limited to physics but to chemistry as well. I think the chemistry student will find it very useful to have an understanding of this field."

IIT's Physics Department Works With NSF Research

by John Mato

The IIT Department of Physics has been engaged in undergraduate research in collaboration with the National Science Foundation for four years. One of the phases of the research program is design, construction, and experimentation with a large magnetic needle array. In 1895 two physicists demonstrated that an array of 1.928 piervian needles would make the earth's magnetic field uniform.

The project prototype, with 100 needles, was built with considerably better mechanical and magnetic uniformity than the original model. Representing a ferromagnetic material, it has shown that it may be possible to conduct experiments at the microscopic level.

Presently, a new magnetic co-operative company of 10,000 magnets is being constructed which is expected to be completed in about six months. The tiny needle magnets are cut from "quenched" rods with a tolerance of .001 of an inch and the uniformity of the magnetism is one percent.

In addition to the support of the NSF, the experiment will also be employed for the Hall effect, another problem, that of generating magnetic fields, has been solved and it is hoped that it will eliminate the existence of introducing a "polar charge."

IIT CLASS OF '64

Why you should buy from

Massachusetts Mutual
LIFE INSURANCE COMPANY
Springfield, Massachusetts

Contributing to this trend are many IIT men who included in their personal and business man, one of whom has applied for $17,700,000 in IIT responsibility. Contributing to this trend are many IIT men who included in their personal and business man, one of whom has applied for $17,700,000 in IIT responsibility.

In a letter from a recent IIT graduate advising of his approaching marriage he added,"Being on the ship here in Newport most of the past few months, I have had the opportunity to see many other places. I am certainly pleased with the results. I am very glad that you sold me the policy." Can be sold in full as an example of IIT policy owners.

FULL AVIATION COVERAGE
FULL MILITARY COVERAGE
NO WAR RESTRICTIONS

COLLEGE UNIT
Frank Rockwell, Supervisor
Earl G. Jordan Agency
Third Floor, 311 South Lake St.
Chicago 4, Ill.
Phone: 926-6400

Massachusetts Mutual Life Insurance Company
Springfield, Massachusetts

On Campus with Mr. Student

SHOULD AUDL ACCOMMODATE AND JAZZ LIKE THAT?

I am now an elderly gentleman, full of years and grace, but my thoughts keep turning to my undergraduate days. This is called 'Yesteryear' I believe, but if you are going to do the Alumni Association and every year you will receive a ripe, sweet, charity bounches, check-full of tidings about your old buddy.

Oh, what a red-letter day it is at my house, the day the Alumni Bulletin arrives! I string my mantels, tune the phone off the hook, discuss my resident osteopath, put the cheery calendars, and sit down for an evening of pure pleasure with the Bulletin and (need I add?) a good supply of Marlboro Cigarettes.

Whenever I am having fun, a Marlboro makes the fun even more fun. That filter, that flavor, that yielding soft pack, that firm. Flip Top box, never fails to heighten my pleasure whether I am playing Double Card or enjoying the time in a nipa or enjoying any other diverting pursuit you might name—except of course, sports. But then, how much more fun fishing does one do in Crimea, New Mexico, where Harry rents spear-fishing equipment, and Marlboro box has given birth to a lovely 26-pound daughter, in her fourth month. Nice guy, Mildred and Harry!

"Remember Jethro Rote, the man we voted most likely to succeed? Well, old Jethro is still gathering laurels. Last week he was voted 'Molossian of the Year' by his fellow workers in the Detroit slaughterhouse. I sue all to my beloved, said Jethro in a characteristic western-sounding speech.

"Remember the most glamorous time had by any of our old alums was had by Frances Macomber last year. She went on a big game hunting with all the way to Africa! We received more interesting post cards from Frances until he was, alas, accidentally shot and killed by his wife and white hunter. Tough break, Frances!"

"Winniburg 'Dundie' Macomber, widow of the late beloved Frances Macomber, was married yesterday to Paul 'Smudge' Stick, a smooth, white hunter, in a ceremony in Natchez. Many happy returns, Winniburg and Paul!"
Educated Exempt From Toil; College Breeds New Class

by Anthony van Hoveken

Guthrie, in his "Affluent Society," mentions the emergence of a new class, whose income is derived not from toil or trade, but from an inheritance of wealth. Education can take place for young people who are not in need of an affluent society. It is not so much an emergence of a new class, but a shift of levels of labor which is defined by the present value-system.

The Trolls can be divided into two groups: machine workers and service-sector employees. The former are more likely to be found in large corporations, while the latter are more likely to be found in small businesses.

With the new labor market, there is a greater need for increased availability of college. What will always keep a college from becoming a training school is the potential for increased knowledge beyond training. It is up to the student in many cases to take advantage of it.

The more available college education becomes, the less effective becomes the emphasis on the degree, the more functional it is for present society.

College is no longer a stepping stone for better social status as it is still treated as a respectable field from the days of the class system.

IIT Chess Team Competition High, Has 2 Openings

IIT's chess team has been invited to play at the United States Intercollegiate Chess Championship, which will be held in Texas in Dec. 26 to 30. The team, which is fairly strong, still has two openings.

Also on the team's schedule is a trip to the University of Chicago to compete in a tournament to be held in February.

The team is currently playing in a tournament at Campfire Park in Chicago's North Side. The team, which is expanding, is making plans to play in a tournament at Northwestern University.

Anyone interested in filling the teams vacancies is invited to try out Wednesday, Dec. 4 in the UBB dining rooms A and B.

IIT Student Hospitalized; Shot in Robbery Attempt

Albin Zech, 2nd semester student at IIT, is reported in satisfactory condition at St. Anthony Hospital after his escape from an attempted armed robbery last Friday night.

The incident occurred at Hoyne Avenue and Twenty-first Street as Zech was walking to the Douglas branch of the el to go to IIT.

Said Zech: "The two were walking toward me, but first I paid no attention to them. Then all of a sudden one of them put a gun in my ribs and told me to be quiet and go into the alley."

"I grabbed the gun and the man in the hood held it up. The gun looked like a toy, it had a small barrel, and it was the wrong color. However, the whole thing was a joke. Then the guy with the gun said to the other, "Shut up.""

"The other guy grabbed me with some kind of blunt knife but I was not afraid."

Since then, I have not been able to sleep, and I am worried about what will happen to me. Since that time, I have not been able to sleep."

The bullet, which hit Zech's shoulder and grazed his face, was probably fired by one of the officers who were at the scene. However, Zech will probably be out of the hospital within a week.

Ask about a SMILE-MILE ride and the Chevrolet Song Book at your Chevrolet dealer's
"Great Imposter" and "Satan's Book" Featured by UB

"The Great Imposter" is at the RUB tonight, while Sunday night's UB feature film will be "Leaves From Satan's Book." Curtain at 7:30 p.m. nightly. A UB special will be shown on Saturday night at 10:30 p.m. It will be "Boys Night Out" with admission only 35 cents.

Tony Curtis, in "The Great Imposter," deftly portrays Ferdinand Demara and his amazing real-life adventures as six different men. Always one jump ahead of the crooked, unscrupulous, yet brilliant, young hoodlum he successfully assumed the identities of a college professor, Truppen model, Mexico Corps officer, candidate, prison reformer, and a doctor in the Canadian Navy during the Korean War.

"Leaves From Satan's Book" was directed in 1921 by Carl Dreyer of Denmark. The earliest of Dreyer's films now available, it consists of four stories of the evils wrought upon men by the devil. The significance of this film lies in its historical interest and in its part in the development of the silent film-making art. It is the third in the series of films from the Museum of Modern Art.

The Union Board Social committee's Bog program for the year is now being planned, according to chairman, Paul Schecter. Any persons or groups interested in performing for the bog shows may contact Schecter at 212-8766 or Bruce Stomers at 212-8688.

IIT Past Returns; Chimes Ring Again

Today our campus heard the tones of the school Carillon again. The Carillon has been an integral part of the campus since May 5, 1950 when it was dedicated to Conrad Selpp, Alumnus of Armour Institute.

A carillon, according to Webster, is "a set of fixed bells now usually tuned to the chromatic scale and with a range of at least three octaves." Our Carillon is a large set of chimes with an amplifier and speakers.

Dallas contributes.

When C. Donald Dallas contributed the $5,000 Carillon to the school, it was installed in a small room near the auditorium in the old Student Union building. It was dedicated at a ceremonial dinner, held in honor of Conrad Selpp, in the Student Union on May 5, 1950.

The Dallas played faithfully at this site until early in 1962, when the building was torn down. The Carillon was then kept in various storerooms of the Buildings and Grounds department.

Petition to Rebuild

Students and student organizations petitioned the school to re-locate the Carillon in another building. The school decided that the best location for the chimes was on the roof of the Chemistry building with the Carillon itself, itself, in the basement of the old Chemistry building, because the roof is in the Chemistry building.

According to Earl C. Kaskett, director of the Alumni Relations, the alumni chimes were there, and when he returned to Chicago, he donated them to IIT. He asked that the Carillon be dedicated to his old friend and classmate at Armour, Conrad Selpp ofIdeal's Brewery which once stood where Farr Hall stands today.

The coach won't let me use my REMINGTON LÉKTRONICO II during the football season

It's impossible to look or feel relaxed after a REMINGTON LÉKTRONICO II shave. 488 cutting edges of high-carbon steel (80% sharper and tougher than stainless steel) whisk whiskers right off. A finely honed, re-chargeable battery cells let you shave anywhere without a plug. Forget to recharge? Plug it in and shave as usual. With a cord, without a cord, with a REMINGTON LÉKTRONICO II you're never without a close, comfortable shave. Get a REMINGTON LÉKTRONICO II....right after football season ends.
**Activities**

**ITG Gun Club**
The ITG Gun club will have a meeting Tuesday, 1 p.m., 212 AM.

**Radio Station WITT**
WITT will hold regular staff meeting Tuesday in the HUB. All regular staff members are required to attend.

**International Relations Committee**
Dr. Edward K. Huda will discuss "The Silent Language".

**Amateur Radio**
The IT Amateur Radio Association will hold its next meeting of the semester at 1 p.m. Tuesday in the northwest lounge of the HUB. All members are requested to attend.

**Center Stage**
"Cabbage's Hunter," a play in two parts, will be presented on Dec. 13 and 14. Included in the cast are: Mercy King, Joe King, Craig Wurtjes, and Meli Zabicky.

**Acting Workshop**
The LLP department is sponsoring and conducting an acting workshop to be held Tuesday from 7-9 p.m. All interested should call Harvey Landa, Ext. 2735.

**Tech News**
A news staff meeting will be held Tuesday at 1 p.m. in the Tech News office. All current staff and interested students are invited to attend.

**Discussions of writing and obtaining information for news stories will be held. Coffee will be served.**

**Newman Club**
The Newman Club is sponsoring a Day of Reconciliation on Sunday, Dec. 1. The day will begin with Mass at noon and end at 4 p.m. Donation will be 75 cents.

**Lutheran Association**
The Lutheran Association will sponsor a discussion of chapter 5 of "Homily to God" by John Robinson, next Wednesday, 7:15 p.m. in the HUB, room 514.

---

**Frat's Push Weekend Parties**

by Stewart Shimek and Jerry Schulman

Parties on and off campus are a big part of the excitement during the weekend. The Delt Phi Epsilon Kappa Delta Kappa is sponsoring a formal dance on Friday at the HUB. The Pi Kappas are having their Black and Gold Ball.

The Pi Kappas are going off campus for a picnic party. Big Eps are celebrating the coming holiday with a Thanksgiving party. TX is hosting the pledge class of Alpha Sigma Alpha Sorority of Northern Illinois University. Saturday night.

In the unusual but interesting party category, AEIOU is planning a beach party in Ellis Hoffman's bathroom.

Over at the feminine extension of the quad, DZ pledged held a party with the fraternity pledge class yesterday but Wednesday. Also in the past tense, Kappa Phi Delta held an annual reunion last Saturday. This Friday, Delta Zeta active is throwing a "When you were young party" for their pledges.

Triang is having a Parental Club card party this Sunday. (Of course, the wheel whisky)

In the "love in" mood, DZ's tied together and giving away with Jim Parish.

A reception this season for TX as a delegation heads downstate to the U of Illinois this weekend. A final message from the Pi Kappa. "It's a little drifty in the living room since last Friday night" Bye.

---

**There Will Be an Eagle on the Moon**

Our world-recognized trademark—"the RWA eagle"—has been identified with progress in flight propulsion for almost four decades, opening the evolution of power from yesterday's reciprocating engines to today's rockets. Tomorrow will find that same Pratt & Whitney Aircraft eagle carrying man and equipment to the moon and to even more distant reaches of outer space.

Engineering achievement of this magnitude is directly traceable to our conviction that basic and applied research is essential to healthy progress. Today's engineers at Pratt & Whitney Aircraft accept no limiting criteria. They are moving ahead in many directions to advance our programs in energy conversion for every environment.

Our progress on current programs is exciting, for it anticipates the challenges of tomorrow. We are working, for example, in such areas as advanced gas turbines...rocket engines...fuel cells...nuclear power—all opening up new avenues of exploration in every field of aerospace, marine and industrial power application.

The breadth of Pratt & Whitney Aircraft programs requires virtually every technical talent...requires ambitious young engineers and scientists who can contribute to our advances in the fields of the art. Your degree is a B.S., M.S. or Ph.D. in:

- **MECHANICAL**
- **AEROSPACE**
- **BIOLOGICAL**
- **ELECTRICAL**
- **CHEMICAL**
- **NUCLEAR**
- **MATERIALS**
- **METALLURGY**
- **ENGINEERING**
- **SCIENCE**
- **APPLIED MECHANICS**

Career boundaries with us can be further extended through a corporation-financed Graduate Education Program. For further information regarding opportunities at Pratt & Whitney Aircraft, consult your college placement officer—or write to Mr. William L. Strong, Engineering Department, Pratt & Whitney Aircraft, East Hartford, Connecticut.

---

**Pratt & Whitney Aircraft**

**Division of United Aircraft Corporation**

**CAMPUS BARBER SHOP**

**Commons Building**

**HAIRCUTS $200**

**BY APPOINTMENT**

**Barber Shop**

**Complimentary Services**

**Shoe Shine**

**HOURS**

**Monday, Wednesday, Friday 10:00-6:00**

**Tuesday, Thursday, Saturday 10:00-5:00**

**3000 North Lincoln Ave.,**

**Elk Grove Village, Illinois 60007**

---
Delt's Edge Alpha Sigs 7-6, Take First in IF Play-Offs

Delt Tau Deltis on a second half touchdown edged Alpha Sigma Phi 7-6 last Sunday to win the IF football championship. A Michie & Durkan pass for the extra point was the margin of victory in a penalty-filled game.

The first half was all Sig as they started the ball on the first series of downs after the opening kickoff. Wendland completed consecutive passes to Ziegler and Slack for a first down. But then the Delta defense stalled and forced the Sigs to punt.

The Deltas were unable to move and gave the ball over to the Sigs. However, they got the ball back in short order when Biederman intercepted a Wendland pass on the Sig 35 yard line. Michalek then hit Vomastik on the 13 yard line. Michalek's pass to James in the end zone on fourth down was incomplete and the Deltas missed their best scoring opportunity of the first half.

The Sigs took over the ball and started to drive as Wendland flipped to Slack who then completed to Blakemore on the Delt 40. On the next play Ziegler took a pass from Wendland behind the line and then ran 42 yards for a touchdown.

Biederman bunted down Wendland's pass for the extra point which proved to be the winning margin in the ball game.

After Jay Burns ran the ensuing kickoff back to the Delt 40, the Deltas tried to drive on the next play. Michalek threw long to James, who got behind the Delt secondary but James lost sight of the ball and it bounded off his shoulder for an incomplete pass. The Deltas were forced to punt and the Sigs started to move again.

After a fifteen yard penalty against the Sigs for clipping moved the ball back to the Sig 12. Wendland ran the ball to the 38 yard line and then passed to Ziegler for five more yards. A personal foul penalty against the Deltas moved the ball to the Sig 48. Wendland then hit Slack with a pass at the Delt 45 and Slack ran it in. However, the play was called back as clipping penalty was called against the Sigs. The Sigs almost scored on the next play as Wendland threw to Ziegler at the Delt 10 but that is all the farther they got as the half ended.

Sigs penalties and a tighter Delta defense helped to keep the Sigs in the second half. The Deltas took the ball on their own 35 after a 22 yard kickoff return by Jay Burns. However, they were unable to move and were forced to punt.

After an exchange of downs the Deltas took over on their own 20. Michalek, who was being rushed hard all day, flipped a short pass to James. James then lateralized to Vomastik who scooped 75 yards for the Delta touchdown. James, after the lateral, threw a fine block on Slack to spring Vomastik loose.

The deciding play of the game came as Michalek threw complete to Durkan on a short butting pattern for the extra point which put the Deltas ahead and gave them the championship.

The Deltas threatened later in the game, as Michalek threw to Franke for a Delta first down on the Sig 49 yard line. However, Wendland stumbled the drive as he intercepted a pass.

The Tote Board

By Bob Horky

This week I would like to depart from my usually serious editorial line and make some observations about present, past, and future events.

A possible rehash to my editorial of Nov. 1, 1963 was presented by the lack of success of the recent IM tennis tournament. Most of the completed were decided by forfeit.

Finally after several announcements on this sports page urging completion, the tournament was dropped.

Lack of Interest

As Mr. Axt, director of the tournament, pointed out to me, there was an excellent opportunity for Tech students to compete and, if they showed up, to receive encouragement to play for the school. Perhaps Tech students don't have the interest in athletics with which I credited them.

I was a little amazed at the number of penalties committed in this week's IF championship game. I realize the Deltas and Sigs have a spirited rivalry, but the championship game could have been decided without the three personal fouls that were called and several others that were not called. Eighty yards of penalties in a forty minute touch football game is a little ridiculous.

Retire Triple

SHORT NOTES: The Delt victory in this year's title game creates an interesting anticipation for next year's IF football competition. Three finalists, the Delta, Sigs, and Phi Kaps, have now tied. Three centrists, the Delta, Sigs, and Phi Kaps, have now three legs on the football trophy. If each of these three teams wins next year, they would retire it. It should be quite a battle for the top spot.

I doubt if you realize (I know I didn't) that Ed Clancy and Ed Lawson were two of the top football officials in the Chicago area. Between them they referred seven of recent play-off games.

Delt's defense rules in championship games as Michalek gets close to pass.