The CALIFORNIA Tech

Volume LXXVI
Pasadena, California, Friday, October 4, 1974
Number 2

Rotation Week:

ENTHUSIASTIC FROSH continue Caltech tradition by reviewing the Camp Fox Director on Catalina, see Frosh Camp photos on page 5. Photo by G. Bone

Charles Kowal, a 33-year-old research assistant at the Hale Observatories, has discovered what appears to be a thirteenth moon of Jupiter.

The new object was revealed on three photographic plates taken with the 46-inch Schmidt telescope at Palomar. Kowal exposed each plate for two hours on successive nights (Sept. 10-12) as part of a study to determine the actual orbits of several of Jupiter's outer moons, which are perturbed to some extent by Saturn. It was necessary to employ a smoked glass filter to reduce the glare of Jupiter to make observations of the faint moons possible.

On all three plates Kowal found motioned objects in right in addition to the identified moons. The object is extremely faint, being just a dot of light.

(Which, if the same object is assumed for this object as for the large Galilean moons, gives the body a diameter of a few kilometers.) The fact that the object's image is unclarified, can only mean that it is moving with roughly the same orbital velocity as Jupiter—rightly-conclusive evidence that the object is a satellite and not a rock asteroid. "It is more than 90% certain that the object is a satellite," Kowal notes, though.

Further observations in the next few months will determine the orbit and hence nature of the object. It is entirely possible that the faint study will detect even additional satellites.

Oh Boy, It's Camptime!

by R. Groner

Buoyed by innocent enthusiasm, incoming freshmen and transfer students attended new student orientation on Catalina Island last week. This two-day program was again held at the Glendale YMCA's Camp Fox and was hosted by a select crew of upperclassmen and faculty. Aside from frequently cloudy skies and a few agonizingly long speeches, the camp experience provided the ideal beginning to the newcomers' stay at Caltech.

The orientation expedition began on Thursday with a 3 1/2-hour bus and boat ride from Pasadena to Catalina. The transit was uneventful except for the welcome appearance of sunshiny breaking through the cloudy sky during the channel cruising.

Worthwhile Vices

Immediately after arriving at Camp Fox, the entire group was informed of the camp rules as laid down by the Glendale Y. Later, drugs, and unrestricted smoking were specifically prohibited according to a camp director Cliff Younan who quickly earned the nickname of "Hitler" and later received a suitable wet congratulation for his efforts.

Physics professor Ricardo Gomez astutely observed that the camp rules still permitted a few vices: "It's very interesting to compare the Friday afternoon and most of Friday were filled with speeches and discussion group meetings. A long parade of upperclassmen and faculty introduced themselves and their duties to the campers during this period. In addition, marine biology and geology field trips and research seminars dealt with astronomy and biology highlighted the program's activities.

Never Say "Free"

Although it was sadly limited by the abundance of the scheduled events listed above, free time was used by many for the enjoyment of the Catalina environment. Mountain climbing, boating, fishing, swimming, diving, volleyball, football, soccer, and frisbee all enjoyed varying popularity. One person even utilized the area for a pioneering study in the field of turbology and, as one observer commented, this individual now "really has his shit together."

A talent show Friday night provided a few glimpses of outstanding musical ability and a great deal of comic relief. Highlights included Daryl Denning and Karen Maples with their accompanied version of "He's a Tesh" and a quartet of blues musicians from Lloyd House.

Saturday began with an 8:15 breakfast, an assembly, and a 10:30 lunch. Well fed, the campers sadly departed Catalina, and eventually returned to the miles of Pasadena, each as ready as possible to face the rigors of Caltech life.

Gentle Frosh, Pick Your Houses

by Shmuel Schmuckputz

The procedure (still discriminatory) by which new students will indicate their choice of houses is as follows: men will select four houses in which they would not mind living; any ranking of those four will be ignored. Women will rank four houses in order of preference. Any student selecting fewer than four houses will be considered to have selected all seven, as will any student who has not put in an appearance at all seven houses. The selections are to be turned in by 8 p.m. Saturday to the R.A. of the house the student visited Sunday night, or (preferably) to the IHC Secretary, Dave Smallberg. (It is he who will have a rotation station set up in the Blacker lounge from 7:45 to 8:15 p.m. Saturday. The R.A.'s will be bringing the selections turned into them there anyway, so to save them some trouble and to help get the information out to the houses as quickly as possible, the rotation station is the recommended place to go.

In case you forgot, there's a Free DONUT FEED every Thursday at 4 p.m. in Fresno Lounge.
Meet Your Enemies

Good morning, frosh. This, of course, is The California Tech—a weekly rag provided at no immediate charge to all Tech undergrads by virtue of ASCIT dues and the people listed on the masthead. Though we do not consider these fine individuals at 2 a.m. every Friday morning in 107 Winnett.

The rather tall, conservatively dressed editor, Dennis Malone. He is to blame for most of the layouts. Dennis is in his second year as an editor (for some reason) and did not write this article.

Rich Gruner is the second member of the current Tech Trio. Rich more often expresses himself through pictures rather than words, usually out of necessity. He is the first semester Tech that has had an editor for a few years.

Bloodshot eyes and a contented smile indicate the third editor, SMC Sweaney. Steve writes (very occasionally) and most of his editorials appear on Wednesday evenings. His current hobbies includeamping fai and staying in his options.

Entering his fourth year of service (of sorts) to The Tech is Gavin Claypool, the business manager. He is an enjoyable sort of person and enjoys playing jokes on the editors such as 12-page issues during midterm examinations.

Chris Harcourt is the Environ­ment Editor this year, as he is the only person around with an eye for culture (although he is not blessed with much himself). Greg Story, our Fea­tures Editor, is a male chauvinist pig by profession. Ask him about the Rape of Ruddock.

C. N. Pow is Photo Editor and works with Rich Gruner in finding other people to take pictures. He may usually be found following Claypool around with a catalog of expensive photo equipment.

The Circulation Manager (i.e. paperboy) is John Dilles. John plays baseball and soccer, among other things, and he will end up as sports editor before too long.

No one is sports editor right now.

The numerous accessories to this crime against the English language will not be mentioned here for their own protection.

by E. Squinter Mike

Author's Note: An article in last week's Tech reported some changes in operation and staff at the Caltech Health Center. What follows is an attempt to piece together an explanation of these events from sketchy information from many sources (some of them reliable).

In back second of last year massive budget cuts were announced which would in some way curtail the services offered by the Health Center. Student opinion was aroused, surveys were taken, and it was obvious the students did not want this to happen. These followed promises and placations that everything would be alright, and we needn't worry about it. That was last year.

All the money for student oriented services such as the Health Center, Winnett Student Center, etc. is controlled by the Director of Student Relations (Lyman Bonner). She divides it up and passes it on to the individual programs. Bonner was handed a major cut in his budget for this year, and was forced to pass it on to someone. The Health Center lost big.

Health Committee Agrees

Bonner went to Jan Hunter, then Health Center Administrator, and Gregory Kristahan, Director of Health Services, and informed them that he would be forced to cut the budget by $20,000. They said that this would be alright, since it would only require elimination of RN coverage on the night shifts, or complete closure on weekends.

At this point the Faculty Health Committee was let in on what was going on. After the meeting with Bonner, and Gregory Kristahan, and after further study on their part, they realized that the services at the Health Center should not be reduced. Bonner was not amused. "That's fine but the Health Committee doesn't have any money." The committee was also somewhat annoyed that they were not consulted in the first place.

Disappointed with the way the Health Center administration was handling things, Doreen Kroeger, then Nursing Supervisor, complained to the Ad Hoc Committee investigating Bonner's do­mains. That was in April. In early June (just before commence­ment), oddly enough, Kroeger was fired for "mismanagement of the nurses."

Director's Money Diagnosed

In the interim, the Health Center was being investigated by several parties. The Ad Hoc Committee decided that it need­ed outside help and called in a psychotherapist from Washing­ton, D.C. and a doctor from USC. At roughly the same time Harold Brown sent C.J. (Neil) Pings, Vice Provost, to investigate the matter for him personally.

These investigations consisted pri­marily of interviewing members of the Health Center staff about their impressions. Pings talked to literally every member of the staff. Reports from the com­mittee and the individuals were made to Brown and/or Bonner.

On the contents of these reports that led to one firing and one demotion was remarkably unimportant. For­tunately, Very Reliable Sources were more cooperative. We are told that it was found that while Hunter is an adequate psycholo­gist (we'll let that pass for now), he wasn't a very good adminis­trator. It was apparently on this basis that it was decided that he should step in to fill the position of psychological counseling duties.

Until a replacement is appointed (don't hold your breath) Bonner is acting Health Center Adminis­trator. Kristahan remains as Director of Health Services.

Where is the committee...

Further information was had that Bonner was not alone. An excellent nurse and was found to relate to students exceptionally well, many of her fellow staff members reported difficulties in getting along with her. Therefore, apparently, it was decided that she was not the right person for the job. Working with the principal responsibility of her job was to relate to her patients, (the students), or the various staff members is open to question, especially in view of the fact that she was fired just before commencement. She was supported in this decision that the administration was trying to avoid student objection by another nurse who was supported by the similar manner in which Peter Miller, former Dean of Admissions, was ad­moted (which resulted in his resignation) and the entire Cal­tech Security Force was fired while the student body was on vacation.

now that we need them?

The administration has denied this motive, stating that this just happens to be the time that they reached the decision that she was unfit for the job. It is worthy of note that her sever­ance check was ready at the time of her termina­tion (a mere four hours before she was expected to depart).

Pings, in his report to the Caltech payroll office suggest that they must have been notified at least a week in advance. It is fortunate that Kroeger was not given prior notice.

Although she was subse­quently reinstated by a grievance committee, she chose to resign her position. She has told us that, although she enjoyed working with the students, and missed interacting with them very much, she could not continue to work under hostile conditions. We know that the students will miss her.

Adventures in Secrecyland

by Dick Beauty

It’s fall. It’s frosh. It’s frosh to be confused about a lot of things when they first arrive at Tech. ASCIT (the Associated Students of the California Institute of Technology, Inc.) often confuses upperclassmen who have been around a while. For Corporation dues are $22 per year, and many wonder what this does for them.

ASCIT is student-run and will do just about whatever you want it to do. So far, this has amounted to giving money to student clubs (we have revenue sharing long before Dick did), supporting athletic programs, running the Coffeehouse, putting on movies, and this past spring acquiring a 12-passenger bus (paid for by the Graduate Student, and alumni organi­zation) for use by students.

ASCIT members are entitled to a copy of this glorious newspaper (non-members have to take two), can vote in ASCIT elections, and run for office (although it takes time)

There are undoubtedly other things ASCIT does that have not been mentioned here; but more important are the things that it can do that it doesn't now do. The Ad Hoc Directors (BOD) and the Executive Committee make policy-type decisions; show up at a meeting some time for a voice in democracy and free donuts (though not necessarily in that order). If there is something that you think ASCIT can do that it isn't doing, let us know and we'll probably do it. ASCIT's projects are limited only by the creativity of its members. Start thinking, people!

Beatty Explains ASCIT

by John Dilles

Beatty is an astoundingly good frosh. He and his frosh cronies are not ashamed to mention this fact. Therefore, one of them was willing to share his thoughts on the organization that is so often confused about the effects of its policies.

"It's normal for new frosh to be confused about a lot of things when they first arrive at Tech. ASCIT (the Associated Students of the California Institute of Technology, Inc.) often confuses upperclassmen who have been around a while. For Corporation dues are $22 per year, and many wonder what this does for them. ASCIT is student-run and will do just about whatever you want it to do. So far, this has amounted to giving money to student clubs (we have revenue sharing long before Dick did), supporting athletic programs, running the Coffeehouse, putting on movies, and this past spring acquiring a 12-passenger bus (paid for by the Graduate Student, and alumni organi­zation) for use by students. ASCIT members are entitled to a copy of this glorious newspaper (non-members have to take two), can vote in ASCIT elections, and run for office (although it takes time)"

Frankly Speaking... by Phil Frank

Remember last night when we ate the four peanut butter and jelly sandwiches, the cucumber, the pepper as well as the two round bag of licorice jelly beans? Was that before or after we smoked that dope?
Talking With Olaf

by Greg Simay
His face wrinkles into a thousand expressions: agony at his free voice lessons. If he wishes, he can further develop his voice during his free voice lessons.

Tech: Can you give us some snapshot descriptions of Glee Club activities besides singing?

Frodsham: We had a professional male ballet dancer train some of the men to do Hawaiian dances. They then did a group of shows while we were touring Hawaii. Freshmen through graduate students gave science demonstrations and lectures to university students in the Tech. When we go on Spring tour some of our men lecture and demonstrate before high school audiences. In contrast, one of our fellows, who was the Yo-yo state champion for Texas, displayed his skill before large and enthusiastic audiences.

Tech: Have all your concerts gone smoothly?

Frodsham: I had one nightmare. Back in 1970, we were scheduled to sing for the Ebell Club at 1:30 p.m. Due to one thing and another, the Glee Club did not arrive until 2:30. I talked about Caltech in the interim. One of my singers, Kent Russell was fighting hepatitis but he did his solo anyway.

Tech: The Glee Club is good PR for Tech, isn't it?

Frodsham: It is, although we can have a distorted view. After singing in one concert a lady approached me and said, "Don't tell me you don't have a music department."

Tech: What do you think of Women's Glee?

Frodsham: The girls need a feeling of accomplishment of their own. They interact with the Men's Glee Club during Rep Camp, Festival of Light, and Home Concert. There are no few activities for women on campus. They deserve encouragement and add very much to our program.

Tech: Do Glee Club alumni keep in touch with you?

Frodsham: Yes, the alumni keep writing. They seem to retain a special pride for the Glee Club as having been an unique and inspiring experience for them. After our home concert last spring an alumna told me, "It was worth every minute I put in. If I were here again, I'd do it all over."

Many slums have banded together into a support group, Friends of the Glee Club. Each year they contribute towards the financial undertwining of the choral program. This surely is a visible sign of the success of choral music at Caltech.
This week is probably the hardest to write, since the introductions are over and I have to write some real material. But, having a surplus of energy and ego, I shall plow on.

The first thing to note is still Don Juan in Hell. Tonight and tomorrow (at both 2:00 and 8:00) Housman's cast will again work their magic, and rush tickets are available (in limited quantity) so come on out. This is my last warning, since next week it will be over.

Next Friday, Oct. 11, Beckman presents Mummenschanz, a Swiss mime troupe. The name Mummenschanz is derived from the medieval mummers, players who wear masks. These players wear masks too, masks made from balloons, paper, note pads, and other objects existing in various numbers of dimensions. I'm told that the end result takes after Paul Klee, which I find quite edifying. The troupe is composed of three men, Andreas Reeb, Floriana Frasseto, and Bernie Schurc, and in their work they show themselves to be not merely performers, but also to be poets, philosophers, and satirists of the first order. The program is unique in its kind, and is not to be missed. A worthy follow-up to Don Juan in Hell, Mummenschanz helps demonstrate the superlative nature of this season's entertainment at Caltech.

There are some fine goings-on away from Caltech, too. Tomorrow Daniel Lewis conducts the Pasadena Symphony at the Pasadena Civic Auditorium at 8:30 pm in Bartok's Two Images for Orchestra, Beethoven's fourth piano concerto (with Lee Luvian), and Brahms' Serenade in D Major. The New York City Opera season is only five weeks away. Pasadena's local nightclub, the Ice House, is in full swing, with more information being supplied next week. The Center Theater Group begins at the Ahmanson on Oct. 8 with Noel Coward's Private Lives, directed by Sir John Gielgud and starring Maggie Smith and John Standing. For the eighth year in a row, CTG will offer student rush tickets a half hour before curtain for only $2.50. So you can afford to see this, too.

Free Concerts
The Dabney Lounge Chamber Music concerts will begin this year on Sunday, October 13, with a program by Richard Stoltzman and Bill Douglas, faculty members of Cal Arts. The program ranges from Brahms and Beethoven to Beatles and Stevie Wonder, including material by Bill Douglas himself. The concerts are at 8:00 pm. They are absolutely free (so you're no excuse for not coming unless you're a Yahoo, in which case turn to the next page), and are designed to provide exposure both to and for the young artists of the very highest caliber.

As a closing note I would say that if you want to see the reportedly last concert set of the Grateful Dead on Oct. 17, 18, 19, and 20, tickets are available only for Oct. 17. For the others, a limited number of tickets will be available at the box office (this is all at Winterland, in the Bay area) at 6:00 pm on the day of the performance. If you're wondering why I supply mostly local news, and miss so much of the Southland and rock concerts, it is simply that there is enough material to fill 80 pages of Calendar (part of the Los Angeles Times) a week, and so I give only what is close (and therefore accessible) and what I consider to be both important and in need of publicity. Enjoy.

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For those readers (all six of you) who did not have an opportunity to experience the untold pleasures of Frosh Camp, The California Tech would like to present the complete lyrics to 'He's A Techer,' the memorable theme song of this year's orientation.

(Chorus, to the tune of 'He's A Rebel by the Crystals)
See the way he walks down to rec.
Hear the way he says 'I'm from Tech'
My, he holds his slide rule high
When he goes walking by-
He's my guy.
When he sits in class I'm so proud
Ca' he shouts the answers out loud.
My, but he's always the one
To read his textbook just for fun
That's why all the Scorpions say-'ay-ay'
'He's a Techer and he'll never ever be any good.'
'He's a Techer cause he never ever acts how he should.'
But just because he has B.O. and flat feet and glasses
That's no reason why we can't hold hands in classes.
He's always good to me
Thanks to him I'll pass Chem 3 'cause
He's not a Techer, no, no, no
He's not a Techer, no, no, no,
To me-

Even though he's strange this way
We'll be a T.A. someday
And I'll be standing right in his lab
When they say
"He's a Techer and he'll never ever be any good.'
"He's a Techer cause he never ever acts how he should.'
Well, just because he can't make out and
He is kind of seweys
That's no reason why
He can't be my honey
He's such a troll to me
And he kisses shilly
But he's not a Techer, no, no, no
He's not a Techer, no, no, no

To me...

(Repeat and fade)
(The preceding was in no way the responsibility of the staff of this paper. We may be weird, but there are certain limits.)

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Dungeons ,and Dragons

Under

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NEW LOCATION

cat

Original

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Dungeons and Dragons is a
game for those who like to read

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THE CALIFORNIA TECH Friday, October 4, 1974

More News Briefs

CCF Un picnic

The Caltech Christian Fellow­

ship is having a get-together this Saturday (October 5) from 2:00 to

4:00 in Tournament Park

 Meer (east of the football field). This

un picnic is especially to meet

and welcome new people—come

and rejoice in the Lord! Regular

meetings are Mondays from 9:40

to 10:40 p.m. in Winnet, These are

open to everyone too. For more
details, see Eric J Hansen i

Blacked of the end of the year to exhibit

your works.

I think everyone who partici­

pated last year will agree that

none of these statements are

exaggerated, and that they will

be coming back for more. The cost

of the course is $5 per term,

which does not include materials

other than paper after the first

couple lessons. It will meet in

Dahley basement Saturdays from

1 to 4 p.m. starting October 5. Plans are being made for a show

at the end of the year to exhibit

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by Chris Russell

The soccer team started off its season Saturday after frost camp. With a fresh turnout of exceptional quantity and quality, the team managed to field eleven experienced players, plus some bench warmers. Still, a very strong team from East L.A. College claimed a decisive victory. Tech’s only goal was scored by Joel Okasaki.

Last Wednesday, league play opened against Occidental. Oxy scored the opening goal in early play. After that, the ball resumed back and forth, with Tech goalie Steve Trimmer making some spectacular saves. Towards the end of the first half, Oxy again scored, this time off a corner kick. Score at halftime was 2-0.

In the second half, Okasaki had the ball on the right wing and sent it towards the goal. It was an easy stop for the goalie, but, alas for Oxy, their own fullback gave it an added boost into the upper corner of the net. Retaliated another goal inside the minute. Tech fortunes improved when Okasaki again got the ball; he passed Oxy’s goalie out of position and kicked the ball around him. A little while later Jim Hickey passed the ball, and he smashed it into the goal. The game ended shortly afterward, Day: A Tech: 3. Tech goes to Redlands this weekend, and to Whittier next Wednesday.

Kobold Christened in Millikan Pond

by A. Sayler

On October 1, at 5:29 p.m., Caltech sailors braved the seas of the high seas in a small boat. The two Caltech Racing Team kippers and a nameless bystander sail from the North Shore of the Millikan Pond just minutes after the launch and christening of heir craft, the Kobold. A can of Dr. Pepper was donated for the effort but failed to break on schedule.

The extreme shallowness of the water prevented the crew from wading after the boat to keep it from bumping into things. Despite these hazards, the Kobold five times circumnavigated the fountain with Martin Teintze at the helm; three times with Paul Gazis, followed by Gazis’s solo voyage in the treacherous clock-wise direction.

In an exclusive interview with The Tech, the crew of the Kobold released this statement: “We would like to thank all the people who helped us launch Kobold and who didn’t giggle too loudly when we pulled our way along to the fountain. We would like especially to thank Carl Delfs for bringing us the little monster and, of course, Warren Emery and Campus Security for agreeing to the whole stupid thing.”

Anyone wishing to join the Racing Team should drop by 128 Lloyd and ask for Paul Gazis. Next stop: the PCC Reflecting Pool (Eric Tabatly, eat your heart out).

High Hopes

Water Polo Building

by David Angulo

Out of the twelve eligible water polo players at Tech this year, eight have never played before. Coach Ed Spencer claims that this will be a "building year." Perhaps the greatest handicap will be the loss of last year’s goalie, Virgil Shields.

Even so, Spencer has high hopes for the coming season. Fluctuations in strengths will make the most difference in the games against Whittier, Pomona, and Chapman. The team also hopes to defeat UC Riverside, Ambassador, LA Pierce, and may be Cal Poly Pomona, the four new teams of the league.

Leading the squad this year is team captain Russ Deidero, who received recognition from SCIAC last season. Another senior, Dan Hale, will play at goal. Jim Rowson and Howie Bubel are also returning to the team for another season. Coach Spencer is favoring three freshmen for the remaining spots: Doug Mehoke, Jim Findley, and Paul Carpenter.

Soccer Has Spectacular Frost Turnout

by Dave Sivertsen

Caltech’s varsity cross-country team opened its season on the rigorous Leroy Neal-designed 5-mile course in Lower Arroyo Park. Greg Griffin led CIT to a vengeful victory over Claremont with a course record of 28:14.8, clipping Claremont’s top runner by seconds. The final score was 26-29.

Caltech’s other varsity runners placed well, with Rick Debus leading a close pack for third, Steve Kellogg hanging tight for sixth, freshman Jeff Poulin seventh, and Joe Arpaia close behind.

Coach Neal looks forward to excellent possibilities with his "rapidly improving" team. The next home meet is tomorrow at 10 a.m. against Cal Lutheran and UC Riverside. It’s at the Lower Arroyo Park; 5/8 miles west on Colorado Blvd.

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