Polo Beavers Share Conference Championship With Pomona
Cheesebro, Tisch
Hameetman
All Conference

BY THE SPORTS STAFF
The Caltech Varsity Water Polo team blasted through Redlands with an 11-0 victory on Sunday in what was perhaps the team's most dominating performance of the season. The victory moved Caltech to within one point of Pomona and Stanford, the conference leaders. The win was also important for the team's standing in the all-conference tournament, which is seeded according to overall conference record. The conference tournament is held on Thursday and Friday.


California Tech
Associated Students of the California Institute of Technology
Volume LXII.
Pasadena, California, Thursday, December 1, 1960
Number 10

Student Visitors To Hear And See Varied Programs

BY BILL MUESEL
Students and teachers from all over Southern California will converge upon Caltech this Saturday afternoon for the annual "Students' Day. This event is designed to give those interested an "a little glimpse of what a center of education and research looks like," as President DuBridge puts it.

Over 300 schools were invited to participate in the activities this weekend, Dr. Richard M. Van Soelen, chairman of the Faculty Committee for Students' Day, estimated (with a quick slide-rule calculation) that 240 of these schools would be represented. About 1100 students and 260 teachers will likely attend the event. Each school will have the duty of registering about 150 arrivals, which they may do with a badge of the House color. The visitors will be divided into 50 subgroups, each headed by a student guide, to see exhibits specific to their school. Every group will be presented with a total of 70 exhibits, ranging from the synchrotron to the electron microscope.

The visitors will then tour the campus, which will be open to the public. The Visitors will then tour the campus, which will be open to the public.

Teachers will visit the Athenaum, where they will hear an address by Dr. John R. Weir, Associate Professor of Psychology, on the identification and treatment of the emotionally disturbed student. Guest students will be in the Student House.

The event will climax on Sunday morning in the Athenaum, where they will hear talks by President DuBridge and ASCIT President Bill Bauer.

Three lecture periods of an hour each will fill the afternoon. Guests will have a choice of five or six lectures per period, Dr. George T. Faust, President emeritus, will give one of the lectures. The others will be: "The Language of the Gene" by Dr. L. B. Delbruck.

Undergrads willing to act as guides, registrars, or general help will be sought. Interested students are urged to contact their House officers or Carl Hamilton in Dabney.

Xmas Dance Is Saturday

The ASCIT Christmas Dance, featuring Rip Marshall and his band, will be held this Saturday, December 3, in Dabney Hall Lounge. Men should wear dark suits to the dance and women should wear party dresses. Flowers and taxes are not in order.

Admission to the dance will be one ticket per couple. The dance will be held on the campus, and will be open to students and staff. The JPL toy fund will distribute the toys collected at the dance as well as toys collected from other sources.

As the main entertainment of the evening will be dance music by Rip Marshall and his band, additional entertainment will probably be provided by one of the campus bands. Also, a talent show and refreshments will also be served.

The ASCIT Christmas Dance is planned by ASCIT Social Chairman Tim Little and his co-chairman committee. The door prizes for the dance run about $400.

Polo Measured In Dabney Tonight; Sets Panel Discussion On Snow's Riff

BY MIKE TOWNSEND
Archibald MacLeish, visiting YMCa Leader of America, will be the featured member of a panel discussion tonight in Dabney Lounge at 7:30 p.m. on the topic "The Two Cultures: Science and the Arts." The discussion will be on C. P. Snow's lectures at Reed and the alleged rift between science and non-science. Other panel members, besides MacLeish, will be J. Kent Clark, Humanities; Jon Matthews, Physics; Cushing Brown, Humanities; Morgan Ward, Mathematics; and Jesse Greenstein, Astronomy, moderator.

OFFICE HOURS
On Thursday and Friday afternoon at 2 p.m., MacLeish will hold "Office Hours," during which all undergraduates and graduate students and corresponding informal discussion of poetry, J.B., and intellectualism in general. MacLeish was born at Glencoe, Illinois, in 1892. MacLeish lived as a child in a dovetail Protestat atmosphere; in 1910 he graduated from Yale and went on to study at Harvard Law School.

MacLeish went to France during the first World War and served as a private and began his military service as an ambulance driver; after a short period he joined the AEF and by the end of the war held the rank of captain. During the war his first book, "Conquista- dor!" (1917), was pub-

A. MacLeish setts; but soon he was off to Mexico, where he retraced the steps of the Spanish Conquis- tadors Army. This trip produced the epic poem "Conquista- dor!" (1917), which was pub-

MacLeish returned to the United States at the end of the war. It was to conclude his connection with the group of intellectuals connected with the new administration.

In 1928 he published his first volume of poems, "Vitae," and when Roosevelt was elected in 1932 he became associated with the group of intellectuals connected with the new administration.

In 1938 he was appointed MacLeish Librarian of Congress, and it became his task to re-organize the Library, this he accomplished, along with helping to produce a fundamental statement of the purpose, conception, and services of the Library. During the Second World War he became more deeply involved with the government, becoming Assistant Secretary of State under Edward Stettinius in 1945.

Three years later, Active and Other Poems was published and acclaimed, and the Pulitzer Prize Collections 1917-1932 appeared as the definitive record of MacLeish's poetic work.

MacLeish has been a prolific poet of great depth. But besides purely poetic ma-

Killian, Sloan, Adm. Bennett
Join in Laboratory Dedication

The new Alfred P. Sloan Lab-

oratory of Mathematics and Physics will be formally dedicated this afternoon at 1:30 p.m., and a portrait of Mr. Sloan will be unveiled in the lobby. Later, at 4:30 p.m., the university-wide dedication in the Sloan basement will also be hallowed. President DuBridge will be the speaker at the dedication.

Chairman of the Division of Physics, Mathematics, and Astronomy, and Mr. Alfred P. Boedeker, President and Chairman of the CIT Board of Trustees, will speak at the 1:30 dedication. At the later cere-

mony, Rear Admiral Rawson Bennett, Chief of the Office of Naval Research, will deliver a short address. An open house will be held from 3:30 to 5:30 throughout the building.

The day's activities will be concluded with a 7 p.m. dinner in Sloan's honor at the California Club. Mr. Sloan, Adm. Bennett, and Dr. James P. Killian, president of M.I.T. and head of the new Civil Service Administration, will speak, with Dr. DuBridge acting as master of ceremonies.

The modern, air-conditioned, reinforced concrete building was built with a $1,657,000 donation to the current building program from Mr. Alfred P. Sloan, Jr. and the Sloan Foundation.

(Continued on page 6)
EDITORIAL

Solution To Rotation

Rotation discussions are starting again with the ASCIT Ex Comm attempting to make some recommendations to the IHC. The Ex Comm has done a good job of recyling all the old arguments. In repeating them over again, however, we begin to wonder on what sort of criteria a rational undergraduate who wanted to make a conscientious rational decision on whether to vote for or against a rotation could weigh the traditional points.

On what grounds can an individual decide whether the advantage of a rotation is greater than the disadvantages? People of choice about where they live outweighs a possible disadvantage such as the claim that freshmen who get stuck in a third or fourth choice House will be academically, emotionally, and socially damaged at the outset of their college career. We, similarly, do not figure what rotation is good because it causes many more upperclassmen and freshmen to meet each other in the first two weeks than they did this year or bad because these initial meetings strengthen superficial acquaintances over genuine and exhibits to engineer superficial value judgments on how to have a popular, acceptable personality? Does rotation create tension between the Houses that is so great it destroys the advantage of the fierce House spirit it also beensus to the Houses that compete strongly for the top freshmen? Again, on what criteria do we decide whether the tensions or the spirit is acceptable?

It seems to us that when one asks for such criteria there is bound to be much guess work unless one ultimately goes all the way down to the purposes of Caltech, or the purposes of the college or education in general. You find yourself asking ultimately what kind of person we are trying to graduate from Caltech and next how we should go about educating such a creature. Are we primarily concerned are presently living in? To us it is pointless to burden those than spend our time deciding about rotation. -jt

BY BILL BAUER

...must visit Europe does not insulate that one will gain an understanding and familiarity with the countries you are visiting. In the response to many levels on which life is to changefor us, there is a variety of important decisions that we would like to receive, depending upon such factors as his age, financial status, and personal circumstances. You can, to mention but a few. For this reason we are going to Europe returns with his unique idea of the true nature of the寮ments and their ways of life.

ARRAY OF CHOICES

When one first arrives in Europe, he is immediately and forcefully confronted with a somewhat bewildering array of choices. One can either attempt to see all the major cities and points of interest, or, at the time, that this is impossible, whether to concentrate upon the cities themselves or the countryside. One can, or whether, perhaps, to attend such events as plays, concerts, or exhibitions, although it is in the countryside he is likely to find the most interesting. Often time is so limited that these alternatives become almost mutually exclusive. There is no way to avoid some of these difficulties, I adopt the point of view that this was to be not only my trip to Europe, but my first. The reason that I was not so much interested in exhausting the European store of museums and churches, was more interested in experiencing the European store of museums and churches, was more interested in experiencing adventures in food, spending the time as I traveled, and in forming acquaintances and making friends.

LEARN TO LIVE

In addition, I tried to learn what it is to live, rather than merely to travel, givcn a given area. For this reason, also, I tried to meet and live with Europeans. One can either try to avoid a certain area, or, at the time, that it is impossible, whether to concentrate upon the cities themselves or the countryside. After many summer trips to Europe, I was taken on a trip to Athens, and I was able to live for a time in the country, which contains practically every degree of cultural and social gradation, from the superlative simplicity of the Island Greeks to the strange civilization of three eras, Ancient, Byzantine, and Modern, and Modern, andModern.

GREECE IS A COUNTRY WHICH MAJOR'S WHO ARE CONCERNED WITH FORMING ACQUAINTANCES AND MAKING FRIENDS.

SINCERE FRIENDLINESS

Although their economic status may range widely in Greece, the people are much interested in exhausting the European store of museums and churches, was more interested in experiencing adventures in food, spending the time as I traveled, and in forming acquaintances and making friends.

VACATION-LAND

The population increase can be asked about the most important things. Most of whom are engaged in fishing or the production of citrus fruits; they will itself turned out to be a favorite vacation spot for the Greeks, although it is frequented by very few foreigners; It is resplendent with rolling green hills carpeted with olive trees, its shoreline is dotted with countless beautiful natural beaches, and is surrounded by the crystal-clear Aegean Sea. It was at one time a center for the Greek War of Independence, and the flag of modern Greece originated at one of its monasteries.

During the time I was there I learned about the city and the island, partly on foot, partly by boat, and partly on a motorbike; I was fed innumerable exotic sea-food dishes; and, most important of all, I was able to live for a time in one of the most important parts of the Island Greeks.

WHICHES VISITED

Besides the islands, I spent a considerable portion of my time in the city of Athens and the surrounding area. In my opinion, Athens is the most interesting part of Greece. The evidence of its land and culture can be seen from the ruins of the Acropolis one can view the development not only of Greek but of the modern world. The places most visited by the ancient Greeks to this day is its port, which was used as the basis for the major's who are concerned with forming acquaintances and making friends.

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C. P. Snow Emphasizes Difficulty Of Scientists In Political Roles

BY LANCE TAYLOR

Sir C. P. Snow, scientist, director of Britain's World War II Science Research Unit, was a famous polemicist, proponent of a united technological program, novelist, eminent person, and father of an eminently good-looking daughter, visited Caltech last week, a speaker in the Carnegie Series of Disarmament Talks. He came from Berkeley, where he is visiting professor of English at the University of California, and spent two days on campus with his wife and family. Besides giving his Carnegie speech Tuesday night, he met with students Wednesday afternoon. After leaving Athens I went to Epidaurus, around the Pelo-
ponesian, then back to Italy by boat. The month spent in Greece was satisfying to me in many respects, but primarily because I came to understand the country, at least to a fair approx-
imation, on the level of the Greek people themselves.

Miniaturized Motor Gets Feynman Prize

Want a one-millionth horsepower motor only 1/64th inch cubed in size? It can be used in a motorized needle-threader or a flea circus merry-go-round.

William McLellan (Tech, 1950, ME) of Electro-Optical Systems just finished two and a half months of work with a jeweler's lute and a sharp toothpick under a microscope in order to collect a $100 award offered by Dr. Richard Feynman for just such a small motor.

Feynman made the offer in a speech last spring in which he discussed the mini-miniar-
tization of the world around us.

The miniature motor has 13 moving parts and draws 50 microamperes. The moving (get that?) is a habit of pushing his glasses back by an index finger on the left lens, looks and acts the part of a humorous savant. He demon-
strated his claim to such a title in his speech Tuesday night.

He devoted his talk Tuesday night to exploring the role of the scientist in government, which he called a hard one. He illustrated his point with a story about the most significant happen-
ing in the British scientific program due to his connection with Churchill, and he used his position against Tizard, creating possible detriment to the war effort. Tizard followed in science and invention to personal reputation.

From his story, Snow devel-
oped his speech:

"Few men make the real deci-
dions in any country, he said, and
those who do are often kiddy-
dees by the facade of bureau-
cracy and numbo-jumbo. (Who has heard of Liebdemann and Thir.

And the way these few men make their decisions is political — a bid for power by committee, by hoping up and down the snakes and ladders of the chain of com-
maintenance of a good thing you

Tizard was master of all three, which explains the decay of power in the sagging of Britain.

But, Snow said, his story was unusual, because there was a definite need for scientific counsel in the present days. Tizard was a good scientist, and could give the counsel. He was also adapt at politics, and could get his points across.

This is harder to do today. Ad-
mistrations are not willing to listen to "spoot"-offs scientists unless there is current danger and/or the scientists are master politicans.

Yet, also today, scientists are more urgently needed to con-
tribute to the I.Q. testing department with

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Two-phase, permanent mag-
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ted to normal sized pinhead. Mo-
tor, which has four coils and moving rotor, was built in an-
swer to a challenge by Caltech's Dr. Richard Feynman, who of-
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tor 1/64th of an inch cubed.

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CHAMBER MUSIC

Gerbert Albermann and Oscar Kocche will present a Franz Schubert recital. The recital will be held in Concert tonight at 8 p.m.

WANTED

California Tech is looking for features for its fall issue. It is available in the fields of bridge, boone, drama, Hi-fi or whatever else anyone knows about anything. If anyone knows anything about anything.

SENIOR RING

Senior class rings must be or-
dered from the bookstore before the end of first term. Under the direction of Don Forrest, class president. They cost $27.

Bauer Says Athens Most Interesting City

(Continued from page 2)

"Of course, my tiger," cried Ned and giggled and smoked his length and bit his nose, and searched after the like of that: "What I love and admire above all things is the way she put it.

Ned Fuzzy, on the other hand, was a man who could take intelligence or leave it alone. What he loved and admired above all things was girls. "What I love and admire above all things is the way she put it."

One day Ned saw Chloe on campus and was instantly smitten. "Eurowo, miss," he said, "Will you marry me?"

She looked at his duck-tail haircut, his black-pinined glasses, his two-day beard, his grimy T-shirt, his battered jeans, his de-
compounding tennis shoes. "You are not unattractive," she ad-
mited, "but for me beauty is not enough. Intelligence is what I'm looking for. Come to the I.Q. testing department with me."

And the way these few men make their decisions is political — a bid for power by committee, by hoping up and down the snakes and ladders of the chain of com-
mainte

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Katzenback To Speak On War, U. S. Retaliation

Edward L. Katzenback, Jr., will lecture on "Command Control Problems," next week on Thursday, December 8. This lecture, the eighth in the Carnegie series, will be given in 125 Korkhoff at 1 p.m.

Katzenback is a historian with administrative experience. He took his graduate work at Harvard, and was successively Director of Harvard’s Defense Study Program and vice-president of Brandeis University.

MacLeish To Discuss Scientist-Writer Rift

(Continued from Page 3)

time been interested in poetic drama for the stage, motion pictures, and radio, so that in the years since his return from Europe he has written many such plays, among them "Panik, "The Full of the City," and, more recently, "This Music Crept by Me Upon the Waters," and "J.B."

The latter two appeared almost simultaneously. "J.B." won his second Pulitzer Prize in 1965.

MacLeish currently lectures at Harvard, and is working on a new play.

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Caltech civil defense trainees are seen in action last Saturday during the carefully staged exercises in Disaster City.

Defense Unit In Practice Drill

Last Saturday morning, while most Tech students were still recuperating from their Thanksgiving celebration, seven Techmen were engaged in a hot game of hide-and-seek. They were members of the new CIT civil defense unit who were engaged in a practice drill at Disaster City.

Disaster City is a collection of semi-demolished frame buildings located in the mountains above Baton Rouge which is used to simulate the outer fringes of a nuclear blast area so that C.D. workers can practice the techniques of location and disposal of radioactive debris. The seven, under the leadership of Richard Drew, employed the techniques they had learned during regular civil defense classes held on campus to find and dispose of radioactive sources placed throughout the "city" before the exercise began.

Cal Poly Crash Fund Drive

Opens Today

With hopes of lessening the burdens on the families of those injured or killed and on injured players, ASCPT will collect donations for their aid through the House vice-presidents. Money will be turned over to the Cal Poly Student Memorial Fund of the Pacific Student Presidents Association, which will distribute to the people need as they see fit.

Even before Ron Spertrino received his engineering degree from Case he had good job offers from six companies.

He joined The Ohio Bell Telephone Company—his reason: "I was convinced an engineer could go further here— if he was willing to work for it."

Ron wrapped it up in five months, and found he had earned a shot at another tough assignment. In this job Ron helped engineer a completely new long distance switching center for Cleveland. This switching center connected Cleveland with the nationwide customer dialing network. It was about a year later that Ron put the finishing touches on the specs for this $1,600,000 project.

Today, as a Supervising Engineer, Ron heads a staff of five engineers and is responsible for telephone switching in much of the greater Cleveland area.

He supervises the design and purchase of $3 million worth of equipment a year. And even more important, he is charged with developing the technical and managerial skills of his staff.

Ron knows what he’s talking about when he says, "In this business you have to do more than a good job. We expect a man to be a self-developer. We expect him to take responsibility from his first day on the job and think for himself."

Ron expects to be out of here in a year—two years at the most. He won’t get ahead around here by just doing time."

"If you want a job in which you’ve given every chance to prove yourself, and real responsibility right from the start—you’ll want to see your Placement Office for further information."

"Our number one aim is to have in all management jobs the most vital, intelligent, positive and imaginative men we can possibly find."

FAHRLAND R. KAPPEL, President
American Telephone & Telegraph Co.

"IT’S HERE—IF YOU WANT TO WORK FOR IT!"
**Tech Harriers Wipe Out Redlands; Earley Sparkles In SPAAU Meet**

The Caltech varsity cross-country team made it eight straight Friday, November 18, as they added a 21-18 win over Redlands to a string of consecutive dual meet victories started in October of 1960, thereby completing their second consecutive perfect dual meet season. Pat Earley, Individual winner of all but one of this season's races, showed his mastery anew as he ignored a fast start by the field to set his usual steady pace for a Caltech course and Redlands meet record of 15:56.2 (5:18 - 5:23 - 5:15) for three miles, leaving Redlands' Powers (who had beaten Earley twice during the 1959 season) far behind at 16:31. Also scoring for the varsity were Richard Harris, 3rd in 16:36; Marshall Johnson, 40th; Al Whitteley, 6th; and Art McGarr, 7th. Pushing the Redtails' score by displacing some of their top five runners were Norm Nolt, 8th; and Bill Gilaspe, 9th.

Meanwhile, the Tech frosh, running on a four-man scoring basis by agreement with their undermanned Redlands counterparts, answered a near record-breaking first place on the part of Redlands' Lockard with a show of depth for a 15-21 victory and a 25 record for the 1960 dual meet season.

Lockard covered his two miles in 10:22.5, only 1.1 seconds over the course record of 10:21.5 set by Hardness of Oxon in 1960. Offsetting this were, however, Tech's Ted Lee, 2nd; Larry Weaver, 5th; Jacques Calma, 10th; Bob Sorenson, 6th; and Dennis Holt, 9th. Over Thanksgiving, in preparation for the all-conference meet to be held this Saturday at Whitley, varsity runners Harley, Harris, Whitteley, and McGarr, and frosh runner Larry Weaver picked up valuable experience by running as individuals in the SPAAU 10,000 meter (6.21 miles) road race over the rolling hills of the Griffith Park course. Earley ran a fine 5:31 pace for 22nd in a field of 76 top-rank competitors, which included Olympic names such as Alex Henderson, Bobby Cons, and Bob Smith and such teams as SC, the Striders, and the Cal State Athletic Club (winners of the meet).

Osceola, perennial national track power and the only conference school the Tech cross-country teams have not met this year, must be considered favorites to win both conference championships Saturday, but, to paraphrase the sentiments of both coach and team, “We may not be able to beat the Tigers, but we can sure (sic) put a scare into them.”

**6 Day Week For Finals**

Saturday, December 10, has been added to finals week this year in order to accommodate the large number of elective courses. The complete exam schedule will be officially released today.

Those final exams scheduled for Saturday prior to the normal finals week are English 7, History 5, and Economics 100. Exam conflicts during the next week will be held to a minimum, with most completed by Thursday. As a result of this adjustment, the L 32 and EE 48 exams will be held Friday, December 18.

This year no conflicting examination days will be scheduled. When a conflict occurs, the student will have the option of taking the exam at the Registrar's Office, take it to his professor, make the desired arrangement, and return the signed form to the Registrar's Office.

**Tech Cagers Open Season**

Caltech's varsity basketballers journey to St. John's Tuesday to end for this year's first contests. The Bears face an unproven Naval Training Center on Friday, and then face tough Cal Western Saturday. The home opener is Tuesday at 4 p.m. against Upland College.

Last year the Beavers crushed hapless Upland, and the same is probably in store this year. Upland, however, is much improved since its last Caltech course, which in turn can be traced to the fact that almost never is a full varsity together during practice.

The UCLA team, composed of individuals of prodigious size and skill, has already clinched the league championship for the third year in a row. A rowing victory in the meet set to conclude the season, and win the Occidental freshmen, 16-3.

Mike McCammon and Larry Weaver will do the 1960 Polobabes in offensive showings.

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**Polobabes Top Redlands**

The Caltech freshman water polo team rounded out its season last weekend, topping the Redlands frosh, 104, in a real thriller, but losing in turn to the Occidental freshmen, 193.

Mike McCammon and Larry Weaver both showed all 1960 Polobabes in offensive showings.

Mike McCammon was far and away the best scorer on the freshman squad as he picked up 28 goals in the course of the season for an over-all average of 301. In the victory over Redlands he also picked up 8 goals, the remaining two being scored by Spencer Conant.

Larry Weaver was next best scorer as he threw in 7 goals for an over-all season's average of 318.

Maurice Reitz, at center, was the tallest man last week, and the tallest man last month.

**Tech Meets UCLA Soccer Team In Saturday's Season Finale**

By Francis Wilson

Caltech plays its final game of the soccer season this Saturday morning at 10 a.m. in Tournament Park. The team has been improving since its disappointing 2-1 loss to Riverside several weeks ago. This was the team's first loss in competition.

The next week the team traveled to Redlands, where it lost 6-0 to a team it had previously tied. Largely responsible for the loss was unusually flighty play by Tech's goalkeeper who allowed Redlands to score five more goals than in the first game. In its next recent game, the varsity only defeated Po- mona, 4-0. The team's record for the year was 5-6, 0 losses, 1 tie.

The big question for this Saturday is, "Can the Red machine defeat the UCLA Allstars?" This year, the Red machine has evolved into a 4.33 formative compence to warrant their confidence.

The starting lineup has been: Joel Kweck — left wing

George Argyropoulos — left mid

Jerry Davis — right inside

Dave Osias — right back

Herb Chen — left half

Dick Chang — center half

Bill Kwok — center

Don Wilborn — goalie

Into the lineup Coach Joe Lasaw frequently rotates Kay Su- ghara and Fred Gibbes. The Tech team is composed of fairly good players, and its mediocre record is partly caused by lack of teamwork which in turn can be traced to the fact that almost never is a full varsity together during practice.

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BOD Gives Funds For Cameras, Clubs

Disposition of the ASCIT surplus was completed by the BOD last month with total disbursements of $1525, or about $10 for every minute that the Board was in session. The total surplus amounts to about $2000.

Requests were made by several organizations. The following is a summary of the requests, given in the order considered by BOD. The Radio Club requested $40 for a receiver and antenna to tie into a sideband adapter. The club indicated it could raise $50 and the Board voted funds in the amount of $50 to make up the remainder of what is needed.

Tech photography requested $100 for an electronic flash unit. It was decided that this could be taken from the Tech budget and if there is any need for the money it will be considered at a later date. The student shop received all of its request for $280 for the purchase of new equipment through state surplus.

The Physics Club, supported by John Tremblin and John Soule, placed a request for $175, which was completely disallowed. Soule unwittingly gave the committee of technocrats the Physics club seems to have by stating when referring to research, "You can take it to your freshman who stupidly volunteered to correlate the data!"

The photo club requested $460, of which $85 was granted for the purchase of darkroom. The remainder of the sum will be considered if it is found that suitable air conditioning can be found for the new darkroom.

Of an original request of $155, the band was trimmed to $38 to cover the cost of instrument accessories. The remainder of the amount, which consisted of bills for instruments, was disallowed by the Board.

Civil Defense originally requested sums from $198 to $498 for portable communications apparatus. The Board decided to give CD the minimum requested, $200, and later voted $40. It was agreed that a meeting a motion to reconsider this allotment was made and passed, and the persons who are in charge of CD will return to discuss CD matters with the Board.

The amount that was allotted to CD may be eliminated, increased, or kept constant at the time of reconsideration. It is probable that the CD funds will not be increased.

Other requests were: The Sail Club requested $300 as half of the funds needed to purchase sails for the Caltech sailing fleet. All $300 was given to the club. The Caltech Young Demo­ crats requested $50 as annually recurring travel expenses, of which the entire amount was disallowed by BOD. The Glee Club made a request for $100 and an individual (not the IHC) requested that $200 be given to each house. Both of these requests were put under consider­ ation.

Emerymen Share League Crown

(Continued from page 19)

and Mitchell at forward. The Tech team in the court suffered little when Mitchell entered the court, or when Russell took over a rough spot in the back court.

Lots of thanks must be rend­ ered to the remainder of the team members who saw a lot of practice and little action in intercollegiate competition. They are indispensable in building a strong team.

Senior Bob Heath came out in the middle of the season to help the team. Other seniors on the team were John Smith and Hay­ den Macurdy. Junior Sherm Gansch and sophomores Mickey Newton and Dave Ollis improved greatly and are expected to pro­ vide a nucleus for next year's squad, along with goalie Buck.

Pat Manning (sophomore) and Tom Sallee (junior) are expected to play important roles in the 1960-61 water polo team.

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