Raining in the process of trying to wipe out Interhouse. Ruddock, on left, will make indians, while Lloyd, on right, will stick it out in the rain.

Teckers Jeer Selma Sheriff
by Bob Firestone
Sheriff Jim Clark of Dallas County, Alabama, was greeted by jeering Negroes and whites along with members of the Great Los Angeles Citizens' Council Monday night at Wilcox Jr. High School in Pasadena.
Sheriff Clark was brought to Los Angeles by the Citizens' Council to speak to its members but the local branch of the NAACP was able to fill the auditorium nearly three-quarters full with its own members.

Picket line
The evening's festivities started off with an integrated picket line of nearly 100, an hour and half before the sheriff was to arrive. Due to the pouring rain, the line was broken, but the crowd was still inside and had to content itself with singing freedom songs while waiting for Jim Clark.

The demonstration climaxed a series of concerts during the coming year, including a concert at Disneyland and a formal concert in Beckman Auditorium. In addition, the band has been one of the Caltech football squad's main supporters.

The hour-long Sunday concert features Khalevich's "Eunuch's Gallows," Sibelius "Philandria," and a variety of lighter works, such as marches and Walt Disney's "Highlights from Mary Poppins."

Notice
YANKOE, GO HOME!
Warren Webster, visiting professor at Fuller Seminary and former worker in West Pakistan for the past ten weeks, will speak at the Friday noon meeting of the Caltech Christian Fellowship in Chandler. His subject, "Yankoe, Go Home!" All are invited.

HELP
St. John Indian School and Mission.
Kamloops, British Columbia, Laverne P. O., Arizona is in critical need of money, food and clothing to help the Indians during the winter. Donations and clothing and personal items are needed. Contact the mission. Holiday and special requests are invited. Contributions sent to Brenda B. Brophy at the mission.

Students March Into Saga to Protest Meal
Last week, you old journal ran an editorial on Saga food, concluding that "the pressure is building up, beware, Saga." Specificallly mentioned were the shortages, but even though the forlorn Filipinos were cooking as fast as they could, all the new Houses ran out of hamburgers, and those that came were greasy and half-cooked. Somehow, a similar situation developed with the fries. The final blow came when Ruddock had only seven tables of desserts for eleven tables of people. Determined to do something to revenge their maltreated stomachs, Ruddock marched en masse into the kitchen to protest the situation. They were joined by Lloyd. Mr. Dunn, chief Saga manager, was finally rooted out, and, very concerned, invited the House officers to talk it over with him in his office. This offer was accepted. However, although Dunn agreed with the students, who had sincere complaints, that was all he had.

Chains to a good week
The demonstration climaxed a week-long ferment. The first episode occurred when fish was moved to Monday, instead of Friday, on the menu. This was fine, but the next time the fish was served, last Thursday, it was poorly cooked. Wednesday saw a small group (12-15) of Ruddock men protesting the bad pork steaks. Dunn agreed that the steaks were much too fatty, especially of the Pennie-food. Monday's eat-in editorial came out, and the next day, at the food committee meeting, this was discussed. Dunn was very distressed, wishing to know

For the Page "Mystical" theme there will be absolutely no paper-mache. "I hope it rains forever," chortled Don Ruddick with a furinsh grin. The show will feature "Tortury in E flat," a weird abstraction of pop art. In addition to the fountain, many other special weird effects are planned. Rickette sinks.

Deep in the underground grotto of Ricketts House, grumblings were heard about the stickiness of the situation. The tunnel and paper-mache work were well advanced in favor of the festivities inside; however, Ruddick may build a new and different version of their underground grotto in their own lounge. In any case, the Rickette band will live up to the festivities. According to Ed Grooth, the entire situation is "another brilliant application of Murphy's law."

Ruddock has shifted its Shangri-La theme to an Oriental theme. The mountain path and pagodas will be deleted in favor of a Japanese garden and bridge leading into a subterranean entrance of the Bhuddist temple. In place of the paper-mache there will be

(Continued on page 4)

Prize Offered For Best Pie Of Princess
Ten ter-dollor prizes will be awarded by the Caltech student body in a new contest open to Caltech students, staff, and faculty for the best pies of Princess Margaret at Caltech.
All pictures — black-and-white or colour grillets — should feature Princess Margaret in a Caltech-oriented setting, with some part of campus or some campus personnel apparent. Thus each picture must be identified with the contestant's name, address, and telephone number. All entries become the non-returnable property of the California Tech.

Engaged mob of hungry New House desetants storm the Saga kitchen at last Monday's eat-in.
**OK, Football Fans**

The California Tech extends a long-overdue tribute to the brave men on the Caltech football team and to their over-hopeful head coach, Bert Ludwicker. Weekly during football season these iron-hearted powerhouses, donning padding and yellow-orange suits, gird themselves for gridiron confrontations with schools that are larger than Caltech, that award athletic scholarships, and that have real live girl cheerleaders.

Unmindful of the odds against them—lack of consistency, lack of depth, and general apathy among Techmen—and undaunted by a growing string of successive losses (now at 12), the Beaver pigskin-packers put out lot of time and a lot of sweat for Caltech.

True, some of their game scores have been hideous. But the scores by themselves tell mostly of inconsistency and bad luck, only part of the tale. Never mind the games in which the Beavers have played themselves out of the game, putting together long ground drives, devastating aerial attacks, and booming deep punts. Caltech's football team has demonstrated real ball-dominating power in the second halves of several games. Certainly Caltech can be proud of its football squad.

Tomorrow is the last game of this year's season, when we face CHM in the Rose Bowl. Here is the game (not considering the slippery randoms of a rain-soaked field) that the team should win. And most important, you can help. A couple hours of the famous "slide-rule cheer" is enough to selectively unnerv any opposing team (the Beavers being more accustomed to this sort of thing).

Get out and support our team. There's no need to see 4,995 empty seats on the Caltech side of the Rose Bowl. With your help, we might have a bonfire to celebrate the end of a football season.

—Tim Hendrickson
Bob Berry
Norton Greenfield

---

**Sinshimer Describes DNA Coding**

Dr. Robert Sinshimer, Caltech professor of biophysics and one of the nation's leading investigators into the mystery of DNA, delivered this week's Monday Night Lecture on "The Book of Life." The lecture covered current knowledge in the field of molecular biology.

Sinshimer began by explaining the basic concepts of DNA and the chromosomes, and then went on to the present idea of DNA coding. There are four different molecules representing the four basic characters of the code. Each is a group of three of what are called codons. Each codon represents a particular amino acid. There are 64 permutations of codons and only 20 acids, so the code contains much redundancy.

With a few minor exceptions, these codons have been matched with their corresponding acids.

---

**Let them chew gum**

Editors:
For the first time we have witnessed a serious lapse in good judgment apparent in the Tech, and it hurts to see it. The vicious exchange in last week's paper between Morey, Medcalf, and Berry turned my stomach, and made the paper unfit for human consumption. Caltech students and faculty should be interhouse paper-pager-macht. It would have been much better for the Tech — space-wise, budget-wise, and prestige-wise — to put the three angry "men" together in the Robinson pit with spars...
A secret handshake won't help you make V.P. at General Electric.

Something that will help move your career along at a healthy clip is a strong, steady hand when responsibility and important duties are thrust upon you. Plus a firm grip on your special field of interest, whether it's marketing, finance or nuclear physics. And it won't hurt a bit if you also want to strengthen your grip on the subject that interests you. General Electric runs one of the world's largest "graduate schools," with courses in everything from accounting to microelectronics. You can stay on top of developments in your field by periodically going to school at G.E. . . . and learning from G-E "professors," selected from the company's top ranks of engineering, marketing and manufacturing experts.

If you want to work and study and get ahead in this kind of company, this company wants you. Come to General Electric, where the young men are important men.

Progress is Our Most Important Product

by Frank Ellis

The Association, David Troy, and Mason Williams opened tonight at the Glendale Ice House, and the show is well worth seeing for the supporting acts.

Headlining is The Association, a potential-group unto itself who have gained momentum rapidly in the last year. A secret handshake won't help you career along at a healthy clip is a nuclear physics. Whether it's marketing, finance or thrust upon you. It won't hurt a bit if you also will help move your career along at a healthy clip is a strong, steady hand when responsibility and important duties are thrust upon you. Plus a firm grip on your special field of interest, whether it's marketing, finance or nuclear physics. And it won't hurt a bit if you also want to strengthen your grip on the subject that interests you. General Electric runs one of the world's largest "graduate schools," with courses in everything from accounting to microelectronics. You can stay on top of developments in your field by periodically going to school at G.E. . . . and learning from G-E "professors," selected from the company's top ranks of engineering, marketing and manufacturing experts.

If you want to work and study and get ahead in this kind of company, this company wants you. Come to General Electric, where the young men are important men.
Gridders Lose to Oxy, Get Ready for CHM

Even though greatly overmatched, the Caltech football teams put up a valiant effort last Friday’s game. Occidental is the toughest team we face this year, and might be the strongest in several years, but against them the Beavers played one of their best games. They lost, however, 49-0.

The first half started off very poorly with the Tigers ripping huge holes in our line. They scored their first touchdown in only three plays, and the score was 9-0 after 30 minutes of play. Perhaps part of the defensive troubles the Beavers were having can be attributed to the absence of all-conference lineman Andy Kaneke. He had ruined his knee in a motorcycle accident and will also miss next week’s game. He has been the strong point of the defense all season, and the team will not be able to take up the slack created by his loss.

Pass and draw Meanwhile the offense didn’t do much better. They weren’t able to make a first down until very late in the half. Tom Burton was passing on almost every play, but he had only reasonable success, completing 6 out of 15 passes. The play which caught Oxy off guard was a draw play for which Burton passed all of 20 yards to Mark McWilliams. He came in on a 10 yard run and scored an excellent achievement in face of the tough Occidental line which otherwise maintained its own in the Tech rushing offense.

Burton’s half was a complete reversal for the whole team. The offense tightened up, and with great blocking the offense caught fire and put up a huge 200 yards. Burton’s back was led by quarterback Tom Burton, who completed his first 12 out 15 passes in a fantastically successful run. The passing was rather unexciting, but combed cotton. Heather tones of Blue, Char-Grey, and Char-Grey. At the campus stores near you. About $7.95.

Frazzini and Loukie Martin were also instrumental in the passing game. They caught six and four passes, respectively.

This Friday will be Caltech’s last football game of the season. We are playing Claremont-Harvey Mudd in the Rose Bowl at 8 p.m. This is one school that has almost as bad a record as we do, and the game should be a close one. The Beavers can go on to win, but they do need the support of the student body. As this is the biggest and the last game of the season, every Tacker should go and cheer his team on to victory.

Harriers Stopped By Rain and Mud

The Biola Invitational Cross Country Competition was held Saturday, and for the first time in several years Caltech was not among the first five teams, coming in eighth out of a total of 12. Lane Mason ran third in the field, only seven seconds behind first place; Pat Cross was eleventh. Dave Kolb, 66 miles, 2d, Hauge 66, and Steve Poltrack 72.

Rain, cold, and darkness, combined with an unfamiliar and exceedingly muddy track kept Caltech from victory against Pasadena College at the meet held Tueday at Victory Park. Also contributing to the loss was the fact that the team’s two best runners weren’t there. Mason was informed that there wouldn’t be a meet. Of those remaining, Morlan second, Hauge sixth, and Poltrack seventh. The score was thus 22-321, in favor of Pasadena College. The next meet for both the fresh and the varsity will be the AllConference journey on Saturday at Mt. Sac.

End of Season Near for Soccer

Both Caltech soccer teams say goodbye to their soccer seasons with games against the Biola varsity and open teams last Saturday. Only one game is left for each team, and those are special games against UCLA on December 4. The open team will play the UCLA squad for the Miller trophy, a piece of driftwood which represents soccer supremacy between the two schools.

Gridders Lose to Oxy, Get Ready for CHM

Pass and draw Meanwhile the offense didn’t do much better. They weren’t able to make a first down until very late in the half. Tom Burton was passing on almost every play, but he had only reasonable success, completing 6 out of 15 passes. The play which caught Oxy off guard was a draw play for which Burton passed all of 20 yards to Mark McWilliams. He came in on a 10 yard run and scored an excellent achievement in face of the tough Occidental line which otherwise maintained its own in the Tech rushing offense.

Burton’s half was a complete reversal for the whole team. The offense tightened up, and with great blocking the offense caught fire and put up a huge 200 yards. Burton’s back was led by quarterback Tom Burton, who completed his first 12 out 15 passes in a fantastically successful run. The passing was rather unexciting, but combed cotton. Heather tones of Blue, Char-Grey, and Char-Grey. At the campus stores near you. About $7.95.

Frazzini and Loukie Martin were also instrumental in the passing game. They caught six and four passes, respectively.

This Friday will be Caltech’s last football game of the season. We are playing Claremont-Harvey Mudd in the Rose Bowl at 8 p.m. This is one school that has almost as bad a record as we do, and the game should be a close one. The Beavers can go on to win, but they do need the support of the student body. As this is the biggest and the last game of the season, every Tacker should go and cheer his team on to victory.

Harriers Stopped By Rain and Mud

The Biola Invitational Cross Country Competition was held Saturday, and for the first time in several years Caltech was not among the first five teams, coming in eighth out of a total of 12. Lane Mason ran third in the field, only seven seconds behind first place; Pat Cross was eleventh. Dave Kolb, 66 miles, 2d, Hauge 66, and Steve Poltrack 72.

Rain, cold, and darkness, combined with an unfamiliar and exceedingly muddy track kept Caltech from victory against Pasadena College at the meet held Tueday at Victory Park. Also contributing to the loss was the fact that the team’s two best runners weren’t there. Mason was informed that there wouldn’t be a meet. Of those remaining, Morlan second, Hauge sixth, and Poltrack seventh. The score was thus 22-321, in favor of Pasadena College. The next meet for both the fresh and the varsity will be the AllConference journey on Saturday at Mt. Sac.

End of Season Near for Soccer

Both Caltech soccer teams say goodbye to their soccer seasons with games against the Biola varsity and open teams last Saturday. Only one game is left for each team, and those are special games against UCLA on December 4. The open team will play the UCLA squad for the Miller trophy, a piece of driftwood which represents soccer supremacy between the two schools.

Gridders Lose to Oxy, Get Ready for CHM

Pass and draw Meanwhile the offense didn’t do much better. They weren’t able to make a first down until very late in the half. Tom Burton was passing on almost every play, but he had only reasonable success, completing 6 out of 15 passes. The play which caught Oxy off guard was a draw play for which Burton passed all of 20 yards to Mark McWilliams. He came in on a 10 yard run and scored an excellent achievement in face of the tough Occidental line which otherwise maintained its own in the Tech rushing offense.

Burton’s half was a complete reversal for the whole team. The offense tightened up, and with great blocking the offense caught fire and put up a huge 200 yards. Burton’s back was led by quarterback Tom Burton, who completed his first 12 out 15 passes in a fantastically successful run. The passing was rather unexciting, but combed cotton. Heather tones of Blue, Char-Grey, and Char-Grey. At the campus stores near you. About $7.95.

Frazzini and Loukie Martin were also instrumental in the passing game. They caught six and four passes, respectively.

This Friday will be Caltech’s last football game of the season. We are playing Claremont-Harvey Mudd in the Rose Bowl at 8 p.m. This is one school that has almost as bad a record as we do, and the game should be a close one. The Beavers can go on to win, but they do need the support of the student body. As this is the biggest and the last game of the season, every Tacker should go and cheer his team on to victory.

Harriers Stopped By Rain and Mud

The Biola Invitational Cross Country Competition was held Saturday, and for the first time in several years Caltech was not among the first five teams, coming in eighth out of a total of 12. Lane Mason ran third in the field, only seven seconds behind first place; Pat Cross was eleventh. Dave Kolb, 66 miles, 2d, Hauge 66, and Steve Poltrack 72.

Rain, cold, and darkness, combined with an unfamiliar and exceedingly muddy track kept Caltech from victory against Pasadena College at the meet held Tueday at Victory Park. Also contributing to the loss was the fact that the team’s two best runners weren’t there. Mason was informed that there wouldn’t be a meet. Of those remaining, Morlan second, Hauge sixth, and Poltrack seventh. The score was thus 22-321, in favor of Pasadena College. The next meet for both the fresh and the varsity will be the AllConference journey on Saturday at Mt. Sac.
Dear Odysseus, I’m pregnant.

— Penelope

Pennelope

Thursday, November 18, 1965

CAMPUS INTERVIEWS -- Tuesday, November 30, 1965

Enjoy Copenhagen: CAMPUS INTERVIEWS

The universe is your oyster at AC

Today’s challenge at AC—the universe! As a member of the AC team, you'll be in the vanguard of men working to advance the state of the art of guidance and navigation.

You'll work in research, design and development on such advanced projects as an avionics system for supersonic aircraft, a guidance system for the Titan III space launch vehicle, guidance/navigation systems for Apollo and advanced fire control systems. Step up to the challenge, and move up with AC. Your opportunities for growth and advancement depend on your ability and initiative. AC offers "no-plan" courses covering both technical and management preparation. A Turbo Plus pays your tuition costs when you complete college-level courses.

If you are completing your advanced degree in EE, ME, Math or Physics, we invite you to inquire about opportunities at any of our three locations: AC in MILWAUKEE—our Main Research, Development and Manufacturing Facility; AC in BOSTON—our Research and Development Laboratory specializing in Advanced Inertial Guidance and Avionics Navigation/Guidance Systems; AC in LOS ANGELES—our Research and Development Laboratory specializing in advanced airborne computers, and ballistic missile and space booster guidance/navigation systems. Salaries are commensurate with experience, and full General Motors benefits apply.

For further information, see your college placement office regarding an interview with the AC Electronics Division of General Motors, or write directly to Mr. W. W. Schroeder, Director of Scientific and Professional Employment, Dept. 5753, AC Electronics Division, Milwaukee, Wisconsin 53201.

Can Lloyd Be Halted?

Lloyd House ran its string of Decholbas victories to five last Sunday by defeating Page in bowling. Led by Ralph Gajewski and Farrell Hinke, the Lloyd men settled down after a shaky first game to prevail by the score of 2-1.

The match opened with the men from Page bowling like superhumans and winning the first game with a lopsided 929-745 score. Their team average for this first game was 186, and the high scorer was John Laiw with a 224.

Something happened in the second game as the Lloyd men finally started hitting and the Page team came back down to earth. Page's game fell to 126, and Lloyd's score rose by about the same amount.

The steadiness of the Lloyd men proved the turning point in the third game as a close contest was decided by everyone's showing in the tenth frame. Gajewski had the high game for the match with a 236 in the final game. Gary Schumelle of Page had the high series as he bowled consistently around 200.

In an intra-squad meet, the AC locations: AC in Milwaukee, Wisconsin and Catalina Office, Colorado and Citizens Commercial Trust Services.

We cordially invite California Tech and students and faculty members to bank with us.

Complete banking services including:

Automobile Financing

Bank-by-Mail

Certificate of Deposit

Checking Accounts

(Save counting by electronic automation)

Collateral Loans

Drive-In Banking

Electric

Foreign Banking

Letters of Credit

Home Modernization Loans

Life Insurance Loans

Money Orders

Night Deposit Service

Personal Loans

Real Estate Loans

Safe Deposit Boxes

Savings Accounts

Travelers Checks

Trust Services

U.S. Bonds

by John Armstrong, John Hockert, and Ken Kamm

The Bubble of Truth

November 6 to 9, the Princess Margaret and Lord Snowdon. At about 3:15 p.m., three intrepid freshmen set into motion a daring and unforgettable plan for getting a close-up photo of the royal couple. John Armstrong, John Hockert, and Ken Kamm were considering what olive tree would afford the best perch for Kamm, the camera-bug, when Armstrong thought of the sublime, quiet steam tunnels. The three went below ground into the realm of H&G steam-fitters, and selected an appropriate manhole. In line with Fleming House's banner, "Taxation without representation!" it was agreed that Kamm would remain below, while Armstrong and Hockert would go above ground.

Kamm, sitting on a steampipe, became quite warm. In full view of about 50 bystanders, he emerged from the steam tunnel, purchased a Coke from vendor Mike Men, chatted with the bystanders, and then descended. Armstrong recalls that a young lady asked him "How much will you pay me to yell "Thieves to all tyrants!" as he comes up?" Fortunately for Kamm, Armstrong didn't have enough ready cash.

Exiting in the steam-like steam tunnels, Kamm began to realize that the stunt might conceivably be misinterpreted, and thus prove painful, if not worse. So it was arranged that Armstrong would lift the lid when the royal couple was 20 feet away, and yell, "Camera man!" Kamm would then wave a white handkerchief as a token of peaceful intent, then emerge and take the picture.

About this time the Princess and Lord Snowdon came out of the Athenaeum. They strode down the Olive Walk preceded by a "flying wedge" of Pasadena Police, security men, and photographers. Hockert dashed back to headquarters (the manhole) and told Armstrong, "If you want to get any kind of a picture at all, you'll have to wait to open the cover until the officers and press go for it." Armstrong consoled, yelled down to Kamm (who was quaking in his boots), "Short range! Flying wedge!" then, after the palace had passed, lifted the lid and loudly proclaimed, "Camera man!" Kamm waved his flag, but didn't have even time to hit the shutter before being snatched by security guards. He recalls that one was trying to push him back down into the steam tunnel, while another was grabbing his arm and trying to yank him out. A third managed to get a big, greasy thumb print on the lens of Kamm's Pentax. Kamm managed to fill the shutter while being grabbed, however.

Abashed cops

All present were laughing heartily except the poor security man who had neglected to check the steam tunnels. Lord Snowdon, originally a photographer by profession, was pleased and after motoring the guards to let Kamm loose, expired of the pretty-well-shook-up fresh, "How long had you been waiting down there?" Kamm, too dazed to answer, was assisted by Armstrong, who declared, "About 30 minutes." Lord Snowdon remarked concerning the blast of heat blowing out of the manhole, "I say, wasn't it a bit warm down there?" Kamm, baked, replied, "Quite."

Lord Snowdon then presented Kamm to the Princess, who extended her hand. Kamm, unaware of whether he was to kiss it or shake it, chose the latter. Noticing that his hand was both sweaty and grimy from his ordeal, he wiped it upon his battledress, in true American style. He then shook the royal hand, and the procession departed.

A view from the manhole: Ken Kamm's famous picture of the royal couple.

---by Kamm, of course---

The research skills which created the Isomax* Process were recognized by Chevron and other companies for more refined petroleum energy.

The research skills which created the Isomax Process are now being used to develop a new Isomax refining unit, being built to serve the West's expanding demand for petroleum energy.

The Chevron-Standard Oil Company of California

This 1,000,000-pound tower — heaviest load ever carried cross-country on rails — is one of 8 for Standard Oil's remarkable new Isomax refining unit, being built to serve the West's expanding demand for petroleum energy.

The Isomax Process, a revolutionary technique developed by Standard Oil scientists, is uniquely efficient in its ability to refine low-quality crudes into high-quality motor fuels. It is a major breakthrough in supplying the ever-increasing need for more specialized high-quality fuels...so important to oil conservation that Standard Oil licenses the process to other oil companies throughout the Free World.

The Isomax Process means better gasoline for today's cars, and for cars now being designed for the future...another proud research "first" by Standard Oil—for you.

The research skills which created the Isomax Process go into the development of all our products at the signs of the Chevron...to take better care of your car. Your boat, too!