



September 2003

Fresno Amateur Radio Club Newsletter

Volume 64, Issue 9

SEPT. MEETINGS -
SEPT. 4, BOARD MEETING, 7 PM/CEDAR LANES.
SEPT. 12, GENERAL MEETING: VIDEO ON "HAM
OLYMPICS".

FARC General Meetings

are the 2nd Friday of each month, 7 p.m. at Cedar Lanes/CA Catering unless otherwise noted.

Weekly Gatherings

Country Waffles:

Saturday & Monday mornings-7:00 a.m.
 Corner of Blackstone & Dakota

Silver Dollar Hofbrau:

Thursdays @ Noon.
 Corner of Hwy 41 & Shaw

FARC Nets

Morning Drive Time Net:

Weekday mornings-7:30—8:00 a.m.
 W6TO/R 146.940 - 141.3

Tech Net:

Wednesdays @ 7:00 pm
 W6TO/R 146.940 - 141.3

FARC Net:

Sundays @ 7:00 pm
 W6TO/R 146.940 - 141.3

The Prez Sez



Our club has had a busy July and Aug. (And we will be busy the rest of the year!) thanks to our Community Awareness Committee Chaired by Steve Miller/K6FDR.

On July 26th Steve and his committee presented Ham radio demos at Sanger's Heros Night. Special thanks goes to: Bob/KF6FIG, Gene/W7POR, Craig/K6QI, Marcus/KG6QNY, Richard/KE6SHL, Dave/W6TE, Rick/KA6Y, John/KG6AWB and Pat/KG6BXZ.

Our Aug. General Meeting was outstanding thanks to: Jimmie/W6PSQ, Ralph/W6JPU and Ed/KC6LPL for our "Old Timers Night" presentation. David/KG6HTE is our first winner in K6QI's Web Master Contest. Craig promises more fun contests soon!!!!

The FARC Annual Club Picnic was a lot of fun this year at CSUF. What a wonderful site!!!! Special thanks goes to our cooks and helpers: Harold/KF6CL, Tom/KG6KYU, Marci/KG6KYT and Pat/KF6HNF. Also thanks to everyone who brought a side dish or salad. All of the food was great!!!! It was great to see so many of you there! We should have more pot-lucks!

Year round classes!!!! Dave/W6TE and Gene/W7POR started classes for the Tech. Class Lic. on Aug. 20th. The upgrade to the Gen. Class Lic. will start on Sept. 9th. Please contact Dave, 432-0290, or Gene, 645-6849 with any ques. or comments.

Steve/K6FDR and I attended the FCC's Scholarship Presentations on Aug. 22. Congrats again to our recipients: Jeff Popejoy and Jesus Salazar.

Our teaming up with the Fresno State Bulldog Stadium concession stands for the 2003 football season will be happening soon: Sept. 5, 7 PM; Sept. 20, 7 PM; Sept 27, 7 PM; Oct. 25, 4 PM; Nov. 15, 4 PM; and Nov. 21, 5 PM. Thus far this and Hamfest/SJV Section Convention are our major fund-raisers. Please

(Continued on page 3)

F.A.R.C.

BOARD OF DIRECTORS

President: Kim Davis KF6ZSW
645-6849 12/31/04
kdavis@gotnet.net

Vice-President: Craig Carter K6QI
323-5742 12/31/04

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Chuck McConnell W6DPD 12/31/03
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Richard Pack KE6SHL 12/31/04
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Steve Miller K6FDR 448-0142

F.A.R.C. Website
<http://www.qsl.net/w6to>

Treasurer's Report

Treasurer's Report for July

Income: \$134.36
Expenses: \$1360.18

Checking: \$2648.56
Savings: \$5120.45
Petty Cash: \$50.00

Papers and cans generated \$27.65 from cans in July. Please bring your papers, bundled or in bags, and cans to the September meeting. Ted, K6FGE, will have people there to receive them.

TECH AND UP GRADE TO GENERAL CLASSES WILL BE STARTING SOON!!!! CLASS SIZE IS LIMITED. CONTACT ME IF YOU ARE INTERESTED IN MORE DETAILS: KIM/KF6ZSW, 645-6849 OR kdavis@gotnet.net.

Swap Section

Do you have a for Sale or Want? This is the place for it!

Place your for Sale or Want in the SKIP!

Your ad can be up to 30 words in length and must be Amateur Radio related.

Members=\$FREE! (\$2.50 for ea. Addl. 30)
Non-Members=\$2.50 (\$2.50 for ea. Addl. 30)

For Sale:

100' Triex five section crankup/guy tower
\$650.00

80' Tristaero tower guy three sections
\$350.00

Yaesu FT101B plus D104 Mic & extra
finals \$350.00

Doug Johnson—WA6YYY—275-4455

SKIP ARTICLES DEADLINE

Please provide any SKIP material by the 20th of the prior month. Please send to skip@oldtuberadio.com

The aliens have landed in NY

Local Amateur Radio Repeaters

| Organization/Sponsor | Callsign | Location | Frequency | Offset | Tone |
|----------------------|----------|-----------------|-----------|--------|-------|
| CARP | K6ARP | Meadow Lakes | 147.675 | - | 141.3 |
| CARP | N6JXL | Meadow Lakes | 224.380 | - | 141.3 |
| CARP | N6VYT | Meadow Lakes | 444.725 | + | 141.3 |
| CARP | N6JXL | Meadow Lakes | 1286.300 | - | 141.3 |
| CCAC | | Meadow Lakes | 146.790 | - | 141.3 |
| CCAC | | Meadow Lakes | 223.780 | - | 141.3 |
| CCAC | | Meadow Lakes | 444.250 | + | 141.3 |
| CONDOR | WB6BRU | Fresno | 224.900 | | 156.7 |
| FARC | W6TO | Meadow Lakes | 146.940 | - | 141.3 |
| FARC | | Meadow Lakes | 223.940 | - | none |
| FARC | | Meadow Lakes | 444.200 | + | 141.3 |
| K6SIX | K6SIX | Mariposa | 441.350 | + | 107.2 |
| KARC | W6VFZ | Coalinga | 224.440 | - | 100.0 |
| KARC | W6EMS | Fresno | 440.675 | + | 110.9 |
| KARC | W6EMS | Fresno | 1286.475 | - | 110.9 |
| Kings ARC | KA6Q | Hanford | 145.110 | - | 100.0 |
| Kings ARC | | Castle Peak | 147.240 | + | 100.0 |
| Kings ARC | W6IYY | Coalinga | 147.330 | + | 100.0 |
| Kings ARC | | Santa Rita Peak | 224.440 | - | 100.0 |
| Kings ARC | N6DL | Coalinga | 224.820 | - | 114.8 |
| Kings ARC | KA6Q | Hanford | 441.675 | + | 100.0 |
| Kings ARC | N6OA | Coalinga | 441.900 | + | 100.0 |
| Madera Co. ARC | W6WGZ | Oakhurst | 147.180 | + | 146.2 |
| Madera Co. ARC | | | 441.175 | - | 146.2 |
| MTS | N6MTS | Fresno State | 145.230 | - | 141.3 |
| NV6B | NV6B | Fresno | 224.960 | - | 192.8 |
| RACES | N6HEW | Fresno | 147.150 | + | 141.3 |
| W6DCP | W6DCP | Parkfield | 147.240 | + | |

(Continued from page 1)

contact Steve/K6FDR (448-0142) with your questions or comments.

Special thanks goes to Harold/KF6CL and Dan/KG6ALC for agreeing to make a presentation on our club and Ham radio to San Joaquin Rehab in Oct.

Bob/KF6FIG will be taking on our Community Awareness Project with Children's Hospital of Central CA. The kids will be talking to Santa on Ham radio during the Holidays. Thanks Bob!!!!

A BIG THANK YOU TO ALL OF OUR CLUB MEMBERS FOR BEING SO SUPPORTIVE!!!!

73, KF6ZSW

FRESNO V.E. EXAM SESSION RESULTS

At the recent Fresno V.E. exam session held on Sunday August 3, 2003, there were a total of 10 candidates who took 13 exam elements. From those 10 candidates there was 1 Extra Class, 3 General Class and 4 Technician Class licensees produced. The volunteer examiners at Sunday's exam session were; WA6RTS, W6DPD, WB6QDN, N1VM, W6GV, WB6C, KK6LT, KO6JL, W6RUJ, WA6PTG, K6QI, KF6QJM and KF6SVI. The next Fresno V.E. exam session is scheduled for November 2, 2003.

Area VE Test Sessions

IF YOU MISSED THE LAST TEST SESSION IN FRESNO HERE ARE SOME OTHER LOCATIONS:

Sept. 12: Kern County, contact William, (661) 248-6540

Sept. 13: Sonora, contact Carl, (209) 962-7146

Sept. 14: Oakhurst, contact Ed, (559) 642-2789

Sept. 20: Stockton, contact Mark, (209) 465-7496

Oct. 11: Madera, contact Frank, (559) 432-6526

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GOOD AMATEUR RADIO PRACTICES

PLEASE REMEMBER THAT WE ARE ALL ROLE MODELS FOR NEW HAMS AND KIDS WHO MAY WANT TO BECOME HAM RADIO OPERATORS SOME DAY SOON! WE DO NOT WANT TO TURN THESE PEOPLE OFF TO SUCH A GREAT HOBBY AND WITH HELPING OUT ON EMERGENCY SERVICES BY GETTING ON THE AIR AND SAYING NEGATIVE COMMENTS! THIS JUST BRINGS US ALL DOWN AND THE RESULT IS WE CAN CHASE OFF GOOD PEOPLE. SO REMEMBER TO ALWAYS BE AS POSITIVE AS YOU CAN BECAUSE PEOPLE ARE LISTENING!!!! 73, KF6ZSW

VE Corner

Amateur Radio VE Exams in Fresno
Unlicensed thru Extra Class
Fresno Amateur Radio Club
A.R.R.L. VEC

Exams for all Amateur license classes will be conducted on the following dates in Fresno, California. Exams are given on Sunday and Begin at 1:00 P.M.

- November 2

Location: Seventh Day Adventist Central Church, 2980 East Yale, Fresno CA 93703. One block south of Clinton and one block west of First Street, southwest corner of Yale and Orchard. Watch for signs.

Directions: From Hwy 99, take Clinton Ave. exit east four miles to First St., turn right (South), one block right on Yale, one block. Look for Signs. From Highway 41, take Shields Ave exit, turn right (East), 1 mile to First St., turn right, continue one block past Clinton, right on Yale to Orchard. Look for Signs.

Theory Exams are multiple choice. Code Exam is fill in the blank. Express mail is used to send paperwork to ARRL, who sends data to FCC via electronic mail, thus assuring the fastest possible service on new licenses which typically arrive in about 2 weeks.

Bring: Two ID's, one with photo. Taxpayer ID Number (Social Security Number) or ULS registration number. **Fee is \$12.00 per test session.** Original copy of Amateur License and CSCE's if upgrading.

Talk in on W6TO/R 146.94/64 repeater.

Walk-in's only, no pre-registration.

More info contact
Chuck, W6DPD, 559-431-2038

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W6TE's Satellite—News/Tips & Techniques

Friends,

It's been almost 15 years since I've contributed an AMSAT satellite column for SKIP. Some of you may remember my AMSAT column as well as my editorship of SKIP. Those of you, who are new to our great hobby, don't know me at all. I'm Dave, W6TE; I am the AMSAT Area Coordinator as well as the ARRL Technical Coordinator for the San Joaquin Valley.

I would like this new column to address interesting satellite topics that pique the interest of new hams as well old timers. I will address: getting operational on the satellites, equipment, antennas, tracking software, automation / auto-tracking of satellites. I will cover each individual amateur radio satellite that we have access to as well as what it will take to communicate through it. The history of our ham satellites is quite interesting, I will write about our satellite development over the years as well as the future in amateur satellite design. Orbits and orbital mechanics is quite fascinating (I think); it might be a bit advanced but intriguing to those with interest. Those of you not interested in orbital mechanics can use the column as lining for your parakeet's cage or puppy's poop paper. Any other satellite related topics you would like me to write about, please let me know.

After the loss of OSCAR 13, my interest in ham satellites was put on hold. I, like many others, were waiting the much anticipated launch of the newest (and greatest) phase IIID satellite, now deemed OSCAR 40. After several years of delays AMSAT OSCAR 40 (AO-40) was finally launched. Shortly after launch, AO-40 had a disastrous accident that drastically changed the satellites operation from the original design. The satellite was never to be what it was designed to be or to operate the way it was designed to operate.

I have just recently made my OSCAR 40 debut and have found, much to my surprise, a satellite that is not too difficult to operate through and has a great deal of DX! (You just need to have all of your ducks in a row... I'll explain later).

AO-40 Operation ...

First off, what does the nomenclature "AO-40" mean? Over the years, the amateur radio satellite community has developed a naming convention for amateur satellites. AO-40 is the 40th amateur satellite launched and it is sponsored by the (North American) Amateur Satellite organization known as "AMSAT" (AO means AMSAT OSCAR). OK, who knows what OSCAR means? First quiz.

OSCAR stands for "Orbiting Satellite Carrying Amateur Radio". This phrase was coined after our first satellite was launched, OSCAR 1.

I first operated through AO-40 only a few weeks ago. It was a tremendous experience! My very first contact on AO-40 was on a Friday morning with Kunio, JA0PVF, in Niigata, Japan. Over the next few hours I was to communicate in a round table with Dick Jansen, WD4FAB, (AMSAT's past VP of Engineering and design engineer) in Florida, Tony Arnold, K6MC, and others. Life is good....

My satellite tracking software told me the next pass of AO-40 and the operating logistics were not good. The following Sunday would produce a spectacular pass though! My AOS ("acquisition of signal") for the next pass was around 0917 UTC (0217 AM local).

At 0145 the alarm clock went off. I got out of bed, turned the radio equipment on, made a pot of coffee, and waited for the satellite to appear above the horizon..... at exactly 0217, I started hearing the satellite's beacon. It wasn't strong at first but increased in amplitude as time went on. (The beacon is a signal that transmits telemetry and disseminates information about the satellite's operating parameters. You need to have a decoder to read the digital format).

AO-40 rose at the exact time and location that my software predicted! At my location, the satellite would be at 84 degrees azimuth, 00 degrees elevation. Of course, as time went, on the azimuth and elevation headings increased. The satellites beacon was getting louder so I decided to tune up the band and see if there were any signals to be heard... whoopeedo! Lots of DX signals!!! My first contact was UA7UAE, Russia, then, there was France, Germany, Italy, and a bunch of others. AO-40 may not be the satellite that it was designed to be, but I was not disappointed!!!

Bottom line... with modest equipment, small antennas, a technician class licensee can work world wide DX. With the sun spot cycle declining and the popular HF bands not producing much in the way of DX, AO-40 is a viable alternative. To operate AO-40 you will need 144 MHz. and 432 MHz. transceivers capable of SSB or CW, a transverter and antennas.

Next month, I'll go into more detail about equipment needed to work AO-40.

Dave Smith / W6TE
AMSAT Area Coordinator
ARRL Technical Coordinator
W6TE@PACBELL.NET

FARC WISHES THESE MEMBERS A HAPPY BIRTHDAY THIS MONTH

BILL BLISS KD6AHF
BOB FLEMING WA6CVQ
GERALD McDOUGAL
HAROLD REEKS KF6CL
MARC JARVIS KG6KYT
MARCUS BEEDLE KG6QNY
RICH PARKER K6HYM
STAN BABCOCK AC6TO
STEVE BASSETT NA6G
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SPECIAL THANKS GOES TO OUR COMMUNITY AWARENESS COMMITTEE PHONE PANEL FOR CHANNEL 18 ON AUG., 14 TH. MARCI/KG6KYT, TOM/KG6KYU, RICK/KA6Y, CHAIRMAN STEVE/K6FDR, PAST-PRESIDENT JIM/KF6GKC, JIM/KB6NAZ, MARCUS/KG6QNY AND BOB/WA6ITN. GREAT JOB! CH. 18 HAS ALREADY ASKED THE PANEL BACK!!!!

THE FAMOUS SMITH CHART

AWWW, just mentioning the smith chart to a ham makes their knees buckle. However if your interested in understanding how transmission lines and antennas work you need to know a little about this thing called a smith chart.

Well lets review it's history, an AT&T bell lab engineer, named Philip Smith developed this graphical tool in 1933 to simplify the task of plotting impedance variations in transmission lines. The chart became an instant hit among technical people. Over time, more applications were developed to analyze both active and passive circuits.

Well you ask why would a ham operator need to know anything about the Smith Chart Well that's a very good question, thanks for asking.

For one thing, there are very few hams that are technical enough to build their own equipment. Today's radios are very complex. Even the newest kits are still too complicated for most hams to build. Gone are the days of heath kit, knight and Lafayette. However one-thing hams can still build and have fun with are antennas. Basic antenna designs are still quite easy and well within the technical abilities of most hams. However, you will find that as you start building antennas and improving your understanding of impedance matching, mismatch loss and VSWR you will need to know how to use this tool called a smith chart. Even you savvy technical hams that use antenna analyzers need to understand how to use the data on a smith chart to maximize performance. But let me tell you a little secret, the smith chart is a lot easier to use than it looks.


So **HERES MY CHALLENGE**, give me your attention for a few hours and I guarantee that you will know how to use a smith chart. Give me your attention for a whole day and I guarantee you will pass your Extra class ticket, well maybe 2-days any takers?


Happy hamming
Rick Fornes—KA6Y
fornesasc@aol.com

SAN JOAQUIN VALLEY SECTION Report

for the month of July 2003:

SM Charles McConnell, W6DPD- ASM K6YK, ACC W6DPD, SEC K6IN, OOC N1VM, STM K6RAU, PIC Vacant, TC W6TE. The Turlock ARC's 75th Anniversary celebration is Sept. 20, 2003 in Turlock. Check www.w6bxn.org <<http://www.w6bxn.org/>> for information. The California QSO Party is October 4-5, 2003. Get on the air and you can be the center of a pileup. Stations will be looking for you. Check www.cqp.org <<http://www.cqp.org/>> for information. EmComm South is being planned for Oct. 11 in Fresno. Pacificon 2003 will be October 17-19, 2003, at the Marriott in San Ramon CA. Check www.pacificon.org <<http://www.pacificon.org/>> for program information and registration forms. In order to remain on the active list, all affiliated clubs need to update club information on the ARRL club web page. This should be done following the annual election of officers. Every club should have a public information officer whose job is to get information into the media. Amateur Radio does good things. The public needs to know. Contact w6dpd@arrl.org if you can help. If you have not participated in the Amateur Radio Emergency Communications Courses offered through the certification and continuing education part of the ARRL web page, please consider taking the courses. ARRL has received grant money to cover the cost of the courses. Upon successful completion of the course, your fee money will be refunded. If you have completed Level 1, then you should take Level 2, then Level 3. It is my sad duty to report the following Silent Keys for July KG6F, KD6UQI, W6RLG, and W6PJF. New officers for the Mid Sierra Chapter of QCWA are pres WA6ZIS, vp AA6LY, sec K6IX, and treas W6NDR. The chapter meets 3 times a year in Oakhurst. Operators W6XX and N6EE operated VP5NN to second place in the 2003 ARRL RTTY Roundup. K6SUU chased NA1SS for W6BXN during Field Day. W6PM, W6PAJ, and W6SLT completed the ARECC Level 1 class. NA6G completed Level 2. W6FRH qualified for WAZ. KF6QJN passed the Extra Class exam. K6YK traveled by train to the east coast, operating on UO 14 making 391 QSOs. He gave out Delaware which was the last state for WAS for many of the deserving. Traffic for July was zero. PSHR K6RAU 53.





Michael B. Staal K6MYC
Vice President/Designer

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Fresno Amateur Radio Club Board of Directors Meeting minutes July 31, 2003—Cedar Lanes

Meeting called to order at 7:05 p.m. local time by President Kim Davis-KF6ZSW.

Present: Charles McConnell-W6DPD, Rob Mavis-AE6GE, Bob Allen-WA6ITN, Gene Davis-W7POR,

Richard Pack-KE6SHL, Rick Fornes-KA6Y and Kim Davis-KF6ZSW. Pat Fennacy-W6YEP arrived late at 7:15 p.m.

Absent: Ken Holden-WA6OIB, Craig Carter-K6QI and John Morrice-K6MI

Agenda and previous board meeting minutes handed out.

July 10th Board Meeting Minutes review. Additions to the minutes:

- The possible sale of the “flat packs” was discussed and the board should consult Ken Holden before any decision is made on club repeater/radio equipment/issues.
- The Motion to authorize repairing the Papers and Cans Trailer; up to \$300

Pat Fennacy Joined the meeting.

The Issue of the sale of the “flat packs” was once again discussed. Pat brought a so called “flat pack” to the meeting to show everyone what they are. A “flat-pack” is in reality an ICOM Band Module for the IC-901 series transceiver.

Treasurer’s Report: Profit & Loss for July 2003 and Balance Sheet as of July 31st, 2003 were handed out. Bob Allen-WA6ITN explained reports.

- Bob noted that we came under budget/allocation of the \$300.00 for repairs to the trailer.
- Advertising issues discussed: Even though we lost 3 advertisers, we made more money than previous years on advertising due to the increased cost of advertising space charged.

Motion to approve Treasurers Report by Gene Davis-W7POR, second Rick Fornes-KA6Y. Approved.

Summer Picnic: Discussion by Kim and Pat about FARC Picnic. Kim ruled Pat out of order.

Fund Raising:

FARC is applying for the concessions for the FSU home games.

Future Raffles, possibly a digital camera so that even non-hams can participate.

Club Storage Unit:

Kim reported that the club has procured an 8x10’ storage space for \$113.40 per quarter. Kim and Gene are in the process of moving the club property to the storage.

Scholarships:

FCC has awarded the FARC scholarships. An article is in this month’s SKIP. The Awards Reception is August 22nd, Kim will attend.

Papers & Cans:

The status and history of the Papers & Cans program was discussed. It was decided that the scholarship check would not be mailed until the November/December deadline. The possibility of changing the number of future scholarships offered was discussed and will be tabled for further discussion at a later date.

Community Awareness:

- Rick will look into the possibility of doing an open house event at the amateur station at FSU. He will be checking with N6MTS.
- Sanger Hero’s Night report by Gene. Rick also suggested that the club have business card printed up with W6TO info on them to be handed out at events.
- Rick also suggested that the club look into these community events as a possible fund raising opportunity (i.e., snow cones, popcorn, etc.)
- Channel 18 phone bank is August 14th, 7:30-11p.m.

Hamfest: Report by Rick. It has been decided to make Hamfest 2004 the FARC Hamfest/SJV Section Convention. The next Hamfest meeting will be in August and continue to meet once each month.

Field Day: Jim and his committee did a great job! The possibility of looking for a new location for next year was discussed. The procurement or building of new filters to replace the missing ones was discussed. Discussion of the station setup and layout optimization was discussed. Pat blamed all the problems of the 2003 Field Day on Jim.

Technical Committees: Rick reported that he received back 21 of his questionnaires which covered a broad area of topics.

Rick is looking into setting up mini-seminars on tech subjects to help fulfill the need for knowledge by the ham community.

The need for club owned equipment was brought up. Antennas, Radios, Cables, Tower trailer, etc.

Pat brought up the issue of “missing” club equipment. He proclaimed that nothing was missing and that all unaccounted for items were sold. Pat claimed he was present when the items were sold even though there is no record by the club.

The suggestion of a “5-year” plan for the club was proposed by Rick. A meeting date set September 6th to get started on the 5-year plan and it will be discussed at the next club meetings.

Special Event Station: Richard is looking into a possible event for a special Event Station for the club.

Old Business:

| | |
|---|--|
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Report on W6KOC vs. The City of Fresno by Pat. Pat got on his soapbox about how if the ham community and FARC don't look into this issue, there will be no more towers allowed in the city of Fresno or the rest of the state.

The President Kim Davis appointed Pat and Richard to Co-Chair a "towers in the city" committee.

Ham Classes: Tech classes will begin August 20th and General Upgrade Classes on September 10th. Dave W6TE and Gene W7POR will be the instructors.

The possibility of starting a mentoring/Elmer program was discussed.

New Business:

Flat Packs and repeater site access were discussed and tabled for a later date and the start of the 5-year plan.

National Conference of VECs filed a request for rulemaking to abolish the morse code testing requirement.

Club Property: Pat was asked to return the club owned gas cans at the next meeting. Pat started complaining about the club property that was stored at his residence. Pat stated that John K6MI was a "f***ing Liar" and that he had not been contacted to pick up club property from him.

The meeting started to get out of control.

Motion to adjourn by Bob WA6ITN, second by Gene W7POR.

Meeting adjourned @ 9:16 p.m.

Submitted by: Rob Mavis AE6GE

Acting Secretary

FARC GENERAL MEETING MINUTES

August 8, 2003

Meeting called to order by President Kim KF6ZSW at 7:10 P.M. at Cedar Lanes, followed by self-intro of members.

Minutes and treasurers report accepted as published in Skip.

Committee reports:

Steve, K6FDR, Community Awareness Committee, reported about the Sanger amateur radio booth. Future plans call for appearances at Valley Children's Hospital of Central Calif. around Christmas, and the fund raising booth at FSU games. Signups are underway for those activities.

Rick, KA6Y, gave a Hamfest report for the 2004, May 1st Hamfest at the Ramada Inn, with lots of activities.

Gene, W7POR announced new classes: Technician on Wednesday nights, 6-8 P.M. for four weeks starting August 20th at the PG and E building at O and Ventura, and General Classes on Tuesday nights, for eight weeks, starting September 9th, 6-8 P.M. at the new PG and E building at Shaw and 6th. Both classes using the ARRL books, with Dave, W6TE, instructor. The General class will also have code with Gene, W7POR.

The nominating committee, KB6NAZ, KG6BXZ, and KG6AWB, will present their slate of nominees for the five openings on the board of directors at the September meeting. Nominated from the floor were: Dave, W6TE, Bob, KF6FIG, Bert, WA6PTG, Jim, KF6GKC, and incumbents John, K6MI, and Gene, W7POR.

The FARC picnic was announced, August 9th starting at 11 A.M. at O'Neill's park at FSU. The club will provide soft drinks and hamburgers, everyone bring a side dish or salad.

After break Jimmie, W6PSQ, with Ed Cutler's help (KC6LPL), presented a video from Ralph, W6JPU, which covered hamfests and field days going back to the 1940's. Hams from before WWII were identified, both in the room and on the video.

Craig, K6QI, concluded the program by announcing the web page contest winner for August: David, KG6HTE, who won \$5 in prize tickets, and then proceeded to win several times in the drawing.

The meeting was closed at 9:19

Respectfully submitted,

John Morrice, K6MI



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Upcoming 2003 FARC
 Events

- Sept 12 General Meeting
Video on "Ham Olympics"
- Oct 10 General Meeting
FARC Talent Night
- Nov 14 FARC Swap Night
- Dec 12 2003 Awards

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