



**2004 F.A.R.C.  
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Bob Allen WA6ITN 12/31/04  
435-3786

Dave Smith W6TE 12/31/06  
w6te@pacbell.net 432-0290

Richard Pack KE6SHL 12/31/04  
ke6shl@arrl.net 291-2175

**Club Contacts**

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w6te@pacbell.net

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Rick Fornes/KA6Y 281-4116

**Papers & Cans Collections:**  
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**Public Information Officer:**  
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jwhitt1@comcast.net

**Membership, Net Manager and FARECC  
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**SKIP Newsletter Editor:**  
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Rick Fornes KA6Y 281-4116  
Gene Davis W7POR 645-6849  
Dave Smith W6TE 432-0290  
Rob Mavis AE6GE 224-7187

**Web Site Manager:**  
Craig Carter K6QI 323-5742  
k6qi@sbcglobal.net

**Treasurer's Report**— for Dec 2003

Income: \$2,416.70  
Expenses: 914.71  
Checking: 6,568.60  
Savings: 5,123.68  
Petty Cash: 50.00  
Papers and cans: 153.21

Some noteworthy figures for Fiscal Year 2003:  
Income \$14,844.56  
Expenses 10,029.77  
Papers and cans: 1,132.77

Fund raiser (CSUF beverage booth): 4,282.28  
The other figures are the same for end of month and end of year.

I want to thank all of the people who contributed their time and effort to the fund-raisers this last year. I think the figures, above, reflect the return on the investment these people made on behalf of the club. Everyone who brought their papers and cans to the club meeting contributed to that fund's total exceeding \$1100.00 for the year.

Please make KF6FIG/Bob's job a little easier by getting your dues in to the P.O. box or the club meeting ASAP.

Thanks to all who helped me this last year.  
Your 2003 Treasurer,  
Bob, WA6ITN.

**SKIP ARTICLES DEADLINE**  
Please provide any SKIP material by the 20th of the prior month.  
Please send to skip@ae6ge.com

**CLUB BADGES**

STARTING AT OUR JAN. 9TH MEETING YOU CAN ORDER CLUB BADGES THROUGH KIM/KF6ZSW FOR \$5 EACH. OUR NEW ADVERTISER, OMEGA TROPHY, WILL BE MAKING OUR CLUB BADGES. I'LL PLACE THE ORDER EACH MONTH AND HAVE THEM BACK TO YOU BY OUR NEXT MEETING. PLEASE CALL ME WITH QUESTIONS OR COMMENTS, KIM/KF6ZSW

**2004 BOARD MEETING DATES**

AT 7 PM/CEDAR LANES:

JAN. 8, FEB. 5, MARCH 4, APRIL 1, MAY 6, JUNE 3, JULY 1, AUG. 5, SEPT 2, OCT. 7, NOV. 4, AND DEC. 2.

PLEASE MARK THESE DATES DOWN.

**UPGRADE TO GENERAL CLASS LICENSE.**

CLASSES WILL BE STARTING IN JAN. PLEASE CONTACT DAVE/W6TE, 432-0290 OR GENE/W7POR, 645-6849 FOR MORE DETAILS.

**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	KE6VFU	Meadow Lakes	146.790	-	141.3
CCAC	KE6VFU	Meadow Lakes	223.780	-	141.3
CCAC	KE6VFU	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	+	none

## SAN JOAQUIN VALLEY SECTION.

**Report for the month of November 2003:** SM Charles McConnell, W6DPD- ASM K6YK, ACC W6DPD, SEC K6IN, OOC N1VM, STM K6RAU, PIC KE6IGJ, TC W6TE. Greetings from the ARRL San Joaquin Valley Section. I hope that every one had a great holiday season and a Happy New Year. If your club would like news of their activities and events listed here, please send the information to your SM, w6dpd@arrl.org. Emergency Coordinators are needed in Mono and Calaveras Counties. Contact K6IN, k6sec@mercednet.com, or W6DPD (w6dpd@arrl.org) if you can help. Please write your congressional representative and urge support and co-sponsorship of HR 713, the Amateur Radio Spectrum Protection Act and HR 1478, which would apply PRB-1 to CC&Rs. Also contact your Senators and urge support and co-sponsorship of S 537, the Amateur Radio Spectrum Protection Act. The International DX Convention will be April 23-25, 2004 at the Holiday Inn at Visalia. Check [sdcxc.org/visalia2004](http://sdcxc.org/visalia2004) for information. The 2004 Fresno Hamfest will be April 30 to May 2, 2004, at the Ramada Inn University in Fresno. This will also be the San Joaquin Valley Section Convention. As plans are completed, announcements will be placed on websites.

The ARRL invites nominations of exceptional young Amateur Radio operators for the ARRL Hiram Percy Maxim Memorial Award. Nominations are due to ARRL section managers by March 31, 2004. Details are available on the ARRL Hiram Percy Maxim Memorial Award Web page <<http://www.arrl.org/FandES/field/awards/hpm.html>>, which includes a link to the nomination form. Those nominating HPM Award candidates should include their contact information and forward the form to their ARRL Section Manager (w6dpd@arrl.org). Section managers also may nominate young hams for this award. For additional information, contact Jean Wolfgang, WB3IOS ([jwolfgang@arrl.org](mailto:jwolfgang@arrl.org)).

Thanks to the volunteers who hold leadership and field organization appointments for the job done in 2003. Keep up the good work. Officers of the Central California DX Club for 2004 are Pres W6FRH; first VP KN6YD; second VP WA6YEE; Sec/Treas W6DPD; Past Pres W6PSQ. W5NH qualified for WAS. The following became Silent Keys in December: KF6LGQ and ex K6GTI. The Fresno ARC ham of the year for 2003 was WS6X. WB6VRJ won the Boner Award and N6DBH got the Alligator Award. AC6WS won the ICOM handheld radio. AD6W built an 80-160 meter vertical and is having fun with it. WO6T operated W6S for "Santa". APRS is alive and well in the Indian Wells Valley. Fresno ARC conducted "Operation Santa" so patients at Children's Hospital of Central California could talk to Santa by Amateur Radio. K6IXA arrived in Israel after 51 days at sea. W5VWN/6 was first in the SJV section in the 2002 ARRL 10 meter contest using QRP. The Kern County Central Valley ARC operated the Road and Weather Net on both Christmas and New Years travel times. Traffic for November: W6MSU 7. PSHR K6RAU 47. Traffic for December: Zero. PSHR K6RAU 40

## Swap Section

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

**For Sale** Heathkit - Signal Generator, Model SG-8 \$25  
Heathkit - AC Power Supply, Model HP-23 \$25  
Heathkit - Grid Dip Meter, Model GD-1A \$25  
Heathkit - Capacitor Checker, Model IT-11 \$25  
Eico - Peak to Peak VTVM, Model 232 \$25  
HI-Q Balun 1:1 ratio \$10.00

Call Larry, KD6YAY, 438-4209 / [lj8384@sbcglobal.net](mailto:lj8384@sbcglobal.net)

## HAPPY BIRTHDAY WISHES TO THESE FARC MEMBERS FOR February

BARBARA BENSON	WB6QDK
BOB HAVEN	W6DWU
DAVE FINLEY, JR.	WB6GJG
DAVID HOGE	KD6WBA
JAMES STEINKRAUS	W6OW
JIM CLYMER, JR.	WS6X
RICHARD POLSON	N6FUB
ROGER MORTIMER	KF6VCF
TOM KIPPS	KA6Z



## Technician / Extra License Training Classes

The annual CARP Tech training classes begin Tuesday January 20th. Classes will be held at the Clovis Senior Center and will run for 8 weeks.

Code Starts at 6:30pm  
Tech/Extra at 7:00pm

For those who wish to upgrade to Extra, there will be an informal Extra class Question and answer session on those nights as well.

Please contact Ray Harkins KB6LQV 270-0520 or Rob Mavis AE6GE 224-7187 for more information. Or <http://carp.oldtuberadio.com>

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## W6TE's Satellite—News/Tips & Techniques

Friends,

OSCAR E ("Echo") is a new microsat-class satellite that is scheduled to launch March 31<sup>st</sup>.

Here is a brief overview as provided by Richard M. Hambly W2GPS.

The AMSAT OSCAR-E satellite, also known as "Echo", was conceived by the AMSAT Board of Directors when on October 8, 2001 they initiated review of "a new small satellite project." Since that time an expanding team of AMSAT volunteers have been working in Following the formal meeting the AMSAT team was treated to a demonstration of Echo features including data communications, command and control, and the attitude control subsystem. The modules were laid out in the "flat-sat" configuration with a cooperation with our contractor SpaceQuest on the design, construction and launch preparations for this new satellite. Echo is a Microsat class satellite that owes a great deal to the heritage of the original AMSAT Microsats AO-16, DO-17, WO-18, and LO-19 that were launched in 1990 and to the AMRAD-sponsored Microsat AO-27 that was launched in 1993. Echo is a small cube about 9.5" (25 cm) on a side, like those first Microsats. It is made up from a stacked set of aluminum trays and covered on all sides by solar panels.

- Mode V/U, L/S and HF/U Operation. Modes V/S, L/U and HF/S are also possible.
- Analog operation including FM voice
- Digital modes. Store and forward operation is planned. Many speeds are possible but 9.6, 38.4, 57.6K and 76.8Kbps are the most likely.
- PSK31 repeater mode using 10-meter SSB uplink and UHF FM downlink.
- Four VHF receivers and two UHF high power 8-Watt transmitters.
- Can be configured for simultaneous voice and data.
- Has a multi-band, multi-mode receiver.
- Can be configured with geographical personalities.
- Advanced power management system.
- Digital Voice Recorder (DVR).
- Active magnetic attitude control.

Standby for the launch of OSCAR E ("Echo") on March 31<sup>st</sup>.

Next month, I'll provide uplink and downlink frequencies and additional operational information.

### Last Minute AO-40 Update

On Jan 27, 2003, AO-40 had a major failure. The command team is taking measures to recover the satellite. It appears the main battery may have suffered a catastrophic failure. The command team is trying to connect the aux battery to the 28 V bus and disconnect the main battery. At this time all transponders are inoperable. I'll report in more detail next issue of SKIP.

73,

Dave / W6TE

ARRL Technical Coordinator/ AMSAT Area Coordinator

## KA6Y's-ASK THE EXPERT

### Supporting the Fresno Amateur Radio Club

Well what a year 2003 was. We elected a new, highly active, smart and **good-looking** board of directors, we added a number of new activity and technical committees, we increased our income to the highest level ever and we added a number of new members. Wow, How are we going to beat this in 2004?

Well let's talk about 2004. As this year gets started you will notice some changes within the FARC. There will be an increase in the number of technical and fund raising committees, The 2004

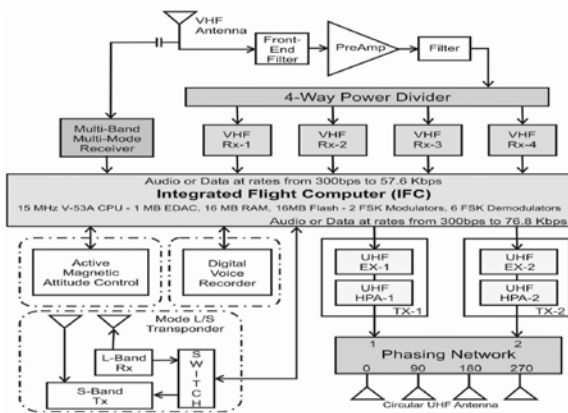



Figure 4: Block Diagram of the Echo Spacecraft

### SUMMARY OF FEATURES

Echo will offer capabilities that will appeal to users with a wide range of interests from experiments. Here are the highlights:

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hamfest will be better than ever, new equipment will be purchased and systems updated, more members will get involved and actually enjoy themselves and we **WILL** add new members that want to be active in this great hobby.

The questions becomes why do so many join the FARC. For some it's the social side of the club, for others it's the technical challenges and for many it's just to get good coffee and doughnuts at the club meetings. But whatever your reason for joining the FARC now is the time to stand up and be counted for. It is time to get more involved and enjoy this hobby like never before. Let's make 2004 the greatest year ever for hamming and the club.

Remember we all got into this hobby for the enjoyment of operating and the passion of radio. That never goes away if you stay active.

I want to thank all of you who sent in your questions to the **Ask The Expert** column. As an RF Engineer for over 22 years and Ham operator for over 33 years, I hope I can continually answer your technical questions and help you become technical experts in the field of amateur radio. Keep the questions coming.

Happy hamming  
 Rick Fornes KA6Y  
 ARRL Technical Specialist  
[fornesasc@aol.com](mailto:fornesasc@aol.com)  
 281-4116



**EC's CORNER** - Gene, W7POR

**LOCAL RV DEALER DAN GAMELHELPS THE CLUB**

This month's edition delivers some exciting news. FARECC, your Club's Emergency Communications group is embarking on a very rewarding adventure, ie., providing an opportunity to serve our community. We already have more than a dozen volunteers, ready to jump into the training phase -- sharpening their on-air skills.

Keep in mind, there's plenty to do. We will need people for both primary and backup communications and a support layer of the Corps to serve as couriers, liason officers, etc. In keeping with most emergency communication protocol, FARECC members will be asked to assemble a simple kit of essential instant response items. We also are planning for the equipment that will be installed and/or utilized in our Command Vehicle.

And that brings me to the most energizing development for the Fresno Amateur Radio Club in several years. RV Dealer Dan

Gamel is providing FARC with a trailer, which will serve as a Communication Coordination Headquarters. It will also serve as the new Field Day Operation Center, and will be a visible demonstration of The Amateur Radio Service wherever we participate in community events. Let's hear it for Dan! I have known and worked with him for years, and this gift to our club demonstrates his generosity and trust in us to provide public service.

Over the past couple of years you have seen some bold steps by the Club. They include Community Awareness, the Santa Project at Valley Children's Hospital, the Sanger's Heroes Night Street Fair, A streamlined Sunday Net, a Commuter's Net each weekday morning, innovative fund raising at Fresno State, and now the establishment of an organized emergency response team. My congratulations to those who stepped up to make all of these things possible. They are truly professional, even though they are called Amateur Radio Operators. Be proud of your Club, but better yet, don't wait to be asked -- support the Club and offer to do whatever is required.

**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.

- May 2
- August 1
- November 7

**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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## Fresno Amateur Radio Club Board of Directors Meeting minutes

Fresno Amateur Radio Club

Board Meeting Minutes

1/8/2004 - Cedar Lanes, Fresno, CA

Board Members Present:

Rob Mavis AE6GE (Secretary), Bob Allen WA6ITN, Rick Fornes KA6Y, Bob Sawyer KF6FIG (Treasurer), Dave Smith W6TE, Gene Davis W7POR, Jim Bianchi KF6GKC, Richard Pack KE6SHL, Kim Davis KF6ZSW (President), Craig Carter K6QI (Vice-President).

Others Present:

Jan Whitteberry KG6SUL

Board Members Absent:

John Morrice K6MI

7:05pm Meeting was called to order by Kim KF6ZSW, President. Kim wished Gene Davis W7POR a happy birthday..

The December 4th, 2003 minutes were approved as published in the December SKIP.

Treasurers Report

The Treasurers Report was given by Bob WA6ITN for 2003 along with handouts of the Balance Sheet (as of December 31, 2003), Profit and Loss (January Through December 2003) and Profit and Loss (December 2003).

Technical Services Committee

It was said by Kim that Ken was suppose to be at tonight's meeting to go over changing the codes; etc.; but he could not attend.

Kim has appointed a Tech Committee (Kim/KF6ZSW; Ken Holden WA6OIB; Dave/W6TE; Rick/KA6Y; and Rob/AE6GE).

Ken was heard on the 94 repeater saying that he would call Kim tomorrow.

7:12pm Adjourn to Executive Session

7:44pm Return from Executive Session

FARECC Coordinator Report:

The announcement was made the club had secured a donation of a trailer from Dan Gamel.

Gene went over the FARECC proposal and Jim Bianchi KF6GKC moved that the board of directors approve the establishment of an Emergency Corps by the Fresno Amateur Radio Club. Dave W6TE seconded, the motion passed unanimously.

Community Awareness/Fund Raising/Club Projects:

Kids Talk to Santa Project: Harold Reeks played Santa and talked to children at Valley Children's Hospital. Thanks was given to those who helped out.

Bob KF6FIG made the suggestion that the club contact the Boy and Girl Scouts about working on the various merit badges with the scouts as a public service as well as possible membership.

Bob KF6FIG made the suggestion that the club approach local schools to start amateur radio clubs in the schools.

The suggestions were discussed and tabled for later review.

Hamfest Committee Report:

Kim KF6ZSW reported on the hamfest committee status.

Dave W6TE handed out copies of the letters he has mailed out to possible Key-note speakers for the Hamfest.

Kim reported that the theme for this years Hamfest/Section Convention is "Homeland Security"

The Auction was discussed. Rob AE6GE made the suggestion to have a tiered charge for auctioning items.

Membership and Nets:

Gene W7POR reported that there are current 83 members.

It was decided that February would be the last SKIP for last years members who had not paid this years membership. The Front page of the February SKIP will be printed on different color paper with the announcement that for those who are not currently paid up, this will be their last SKIP.

Discussion of the eSKIP. There will be signup forms at each meeting for members who have changed their email address to update information. It will also be announced at the meetings.

Rob AE6GE noted that the eSKIP was getting too large for some email providers and suggested the eSKIP email be a link rather than the PDF file. Craig agreed. When SKIP is published an email with a link to the current eSKIP will be mailed to currently paid members who have opted for electronic delivery of SKIP. The like will be not only a PDF version but a HTML version as well. When the next months SKIP is published the PDF version of the prior months SKIP will be available to everyone on the FARC website SKIP archives and the new version of skip will be put in its place.

The raising of Membership dues in 2005 was discussed. Skip mailings and Skip being e-mailed to members was discussed. There will be more discussion at the next Board Meeting.

8:45pm Adjourn to Executive Session

8:49pm Return from Executive Session

Education:

Jim KF6GKC is currently working on the new FARC Educational program.

Papers and Cans:


Bob WA6ITN reported that we made \$1,132 in 2003.

Field Day Committee:

Dave W6TE reported the Field Day committee would be meeting Saturday January 10th at Fresno State.

Public Information Officer Report:

Jan KG6SUL reported that he had contacted the Broadcast Reviewer



Michael B. Staal K6MYC  
Vice President/Designer

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at the Fresno Bee will possibly be coming to Field day.

The Board agreed that the guest speakers for the club meetings do not have to be a Ham.

Old Business:

FARC General Classes start January 20th for 7-8 weeks at 6:30 on Tuesdays at the PG&E Building on Shaw and 6th.

CARP Technician and Extra Classes also start the same night and time at the Clovis Senior Center.

9:05pm Meeting Adjourned.

Submitted by, Secretary, Rob Mavis AE6GE

### Fresno Amateur Radio Club -General Meeting minutes

Jan. 9, 2004—Cedar Lanes

The meeting was called to order by President Kim/KF6ZSW at 7:09 PM.

President Kim started the meeting with a welcome and introductions.

The Dec. General Meeting Minutes are in the Jan. Skip Newsletter.

The club's 2003 treasurer Bob/WA6ITN and 2004 treasurer Bob/KF6FIG gave the treasurer's report that was printed in the Skip Newsletter. Bob/KF6FIG reported that dues and membership info needs to be in by the end of Feb.

Club member Benny Williams/KW6N asked why F. A. R. C. couldn't help him with his antenna city code violations? President Kim had said that the membership could go as a group to give him support at any city meeting on his code violations. Benny reported that he had done a lot of research on code violations and has learned a lot. Gene/W7POR asked Benny what he would like the club membership and Board to do on this matter. Benny responded that the next time any of us sees the Mayor or City Council members talked to them about ham radio, antennas, etc.; so they will be more aware of us.

President Kim handed out 2003 certificates to Committee Members who couldn't attend the Dec. Awards Meeting. Stu/WB6VRJ was thrilled to receive the 2003 Boner Award from Pat/KG6BXZ.

Rick/KA6Y reported on Hamfest and tech issues.

Jimmie/W6PSQ reported on a local chapter of the Qt. of the Century

Club is now forming.

Gene/W7POR reported on FARECC information and that Dan Gamel has donated a trailer for emergency communications. Gene gave the details to the membership.

Steve/NA6G reported on an upcoming ARES meeting.

Kim/KF6ZSW reported on the Community Awareness Committee is planning for 2004 events.

Field Day Chairman Dave/W6TE couldn't make the meeting because tonight is his birthday; so President Kim reported that we are on target and there is a meeting tomorrow morning 8 AM at CSUF. Please contact Kim if you want to be on the Field Day Committee.

President Kim reported that badges can be ordered for \$5. Omega Trophy will now be making our badges.

Jimmie/W6PSQ reported that he will be teaching code at his home. Please contact Jimmie for details.

President Kim reported that the upgrade to General Class Lic. classes will be starting this mo. Dave and Gene will again be teaching the classes. CARP will be teaching Tech and Extra classes. The info is in the Skip newsletter.

Craig/K6QI reported on our web site and fund raising efforts.

FARC Public Information Officer Jan/KG6SUL reported that tonight's guest speaker, Tommy Montes, would not be able to make the meeting due to a family emergency. Jan reported we will try to have Tommy come to a club meeting later in the year. Jan gave a presentation on his role as our club's PIO.

Break at 8:33 PM.

Drawings at 8:47 PM.

Adjourn at 9:09 PM.

Submitted by, President Kim Davis/KF6ZSW



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 year. Make checks payable to F.A.R.C. and send to:  
 P.O. Box 783, Fresno, Ca. 93712-0783.

**2004 F.A.R.C. MEMBERSHIP APPLICATION**

Name \_\_\_\_\_ Date \_\_\_\_\_  
 \_\_\_\_\_ Callsign \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zipcode \_\_\_\_\_  
 Home Phone \_\_\_\_\_ Business Phone \_\_\_\_\_  
 Occupation \_\_\_\_\_ Birthdate \_\_\_\_\_  
 License Class \_\_\_\_\_ Year first Licensed \_\_\_\_\_  
 E-mail Address \_\_\_\_\_ ARRL Member? \_\_\_\_\_

I am interested in serving on one of the committees; please contact me with more details \_\_\_\_\_.

FARC – P.O. Box 783, Fresno CA 93712-0783

**Upcoming 2003/04 FARC Events**

- Feb. 13 Matthew Takahashi, City Code  
Violations Dept  
Happy Valentine's Day
- Mar. 12 Presentation by N6DBH/Varouj,  
Ham Radio
- Apr 9 Presentation by KA6Y/Rick,  
Tech Talk
- Apr 30- Fresno HAMFEST/
- May 2 ARRL SJV Section Convention  
Fresno Ramada Inn
- May 14 PSK31 Presentation, Craig/K6QI
- June 11 Field Day Pre-View/Dave W6TE
- 26-27 Field Day/CSUF O'Neill's Park
- July 10 FARC Annual Summer Picnic  
CSUF O'Neill's Park 11-3 PM
- Aug 13 Antenna Presentation &  
Open nominations to the Board
- Sept10 Laser Demo, AE6GE/Rob
- Oct 8 Ballots are in & counted and  
EME Presentation
- Nov12 Swap and Auction
- Dec 10 Holiday/Awards/Drawing/Talent Night