



Our next general meeting will be held on April 13th. This months meeting will be a presentation from Steve Martin, a PG&E spokesman, see page 2 for more information. The meeting will be held at Cedar Lanes at Cedar and Shields. It will start promptly at 7:00.

Club Notes

FARC General Meetings

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

2007 FARC BOARD MEETING DATES

1st Tuesday of each month
Woodward Park Library at Champlain and Perron

FARC Nets

Morning Drive Time Net:
Weekday mornings-7:30—8:00 a.m.

W6TO/R 146.940 PL-141.3

Tech Net:

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

FARC Net:

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

The club would like to thank Pat Barthelow AA6EG for the great job he did at the last meeting. The presentation on the Jamesburg project was really interesting and brought a full house to the meeting. For more information check out the website, www.jamesburgdish.org.

The Turlock Amateur Radio Club will be holding another auction with lots of goodies. The auction is on April 7th, with viewing starting at 8 am, with the auction starting at 9 am. The location is the same as always, the Youth Center in Turlock. Talk-in will be on 147.030 pl. 100.

Pat Fennacy, W6YEP, has agreed to be the chairman of Field Day this year. If you can help out let Pat know. Hopefully it won't be as hot as last year. More information to come as the weekend gets closer.

And now a message from our net manger Ted W6TLM

Attention Please: The Sunday Night Net roster changes every month. If you miss four consecutive check-ins you are removed from the roster for the next month, so we can keep the net as short as possible. You can still check in as a late or missed member at the end of the regular roll call. If you want to be added back on the roll, just ask the net control to add you back on. I encourage everyone to check in on a regular basis to keep abreast of what YOUR club is doing. W6TLM

See you all at the next meeting!

April Meeting Info

What happens when your antenna falls into the power line?



Well that is what I asked the people down at Pacific Gas and Electric, when I invited them to come and talk to us on April 13. Naturally that wasn't the only thing I asked. There are many concerns that come to mind. We as Hams are also interested in noise, radiated and line originated. Then there is BPL, of course. There are other things like safety issues in general, upgrading service to handle that new 2KW amp, property easements and rights-of-way. I am expecting a general presentation and we should be prepared with our own questions. I know some new safety techniques have come along. I also know that PG & E is very touchy about hanging an antenna on their poles but I don't know what else we should be aware.

I expect to learn something about PG & E and their concerns and be enlightened about some new safety procedures. BPL should be discussed in order to express our feelings. This meeting should not be as long as the Jamesburg Project obviously, but informative.

I also want to mention that I personally and we all should be grateful to Pat Fennacy, W6YEP and Ken Holden, WA6OIB; for their support of the club meetings. It is often overlooked that they have quietly supplied the audio and visual equipment for all the meetings and speakers, oh yeah and the ice cream, hi hi!

Next months meeting will be on EMCOMM from Andy Opel, N6AJO from Pacific Division of ARRL.
73 Dan Pruitt, AE6SX

2006 FARC BOARD OF DIRECTORS

President:	Steve Bassett	NA6G	na6g@w6to.com	392-4058	12/31/07
Vice-Pres.	Dan Pruitt	AE6SX	ae6sx@w6to.com	779-2974	12/31/07
Secretary:	Jim Erbe	WA6NIF	wa6nif@w6to.com	222-7524	12/31/07
Treasurer:	Ted Miller	W6TLM	w6tlm@w6to.com	431-1441	12/31/07

Board Members

Jim Nelson	W6ALE	w6ale@w6to.com	323-5204	12/31/08
Aaron Lusk	K6USY	k6usy@w6to.com	301-1022	12/31/08
John McGraw	AE6QR	No Email	255-2349	12/31/08
Richard Pack	KE6SHL	ke6shl@w6to.com		12/31/08
Ken Holden	WA6OIB	wa6oib@w6to.com	323-6753	12/31/08
Chuck McConnell	W6DPD	w6dpd@w6to.com	431-2038	12/31/08
Tom Jarvis	KG6KYU	kg6kyu@w6to.com	916-2445	12/31/07

The Prez Sez

What a great meeting we had for March. My thanks to Patrick J Barthelow, AA6EG for coming from Sacramento to give a presentation on the Jamesburg Earth Station in Cachagua Valley, California (about 20 miles S.E of Monterey). It was good to have over 50 members and guests attend and learn about the antenna, group that is working on this site and the moon bounce contacts made. If you missed it, you can learn about it at www.jamesburgdish.org.

The meeting for April should be an interesting one too. A representative from PGE is coming to speak on the hazards of power lines and towers along with other information of value to each of us. Be sure to come on Friday April 13th and bring a guest.

For the last several meetings, I brought up the need for each of us to be prepared to assist when needed with CPR and First Aid. Dan, AE6SX, has arranged for our radio club to join a class with the American Red Cross. This class is for our members, family and friends to learn these important skills. You never know when you will be called to help someone. Let's be prepared!

The class will take place on Saturday, April 14th from 8am until 5pm and is only \$25 per person. Checks should be made out to American Red Cross (no cash) and brought to the class. If you want to attend, please send me an email at na6g@w6to.com **TODAY** and let me know the names of those who will be attending. We need to let them know who is attending so they can prepare the certificates prior to the class.

That's it for this month. Until I see you at the next club meeting, let's get on the radio and chat!

73, Steve NA6G

Club Photo




One of the good things about Amateur radio. Brings both the old and the young together. Stu WB6VRJ and Greg KG6YZN enjoy a moment at the last club meeting.

M ANTENNA SYSTEMS, INC. Michael Staal
V.P. & Designer
K6MYC

- Antenna Design & Production from DC to Microwave
- Machine Work & Manufacturing Services
- System setup & Installations

4402 N. Selland Ave. Fresno, CA 93722
559.432.8873 Fax 559.432.3059 website: www.m2inc.com

2050 H st.
Fresno
93721



500 E 19th
Bakersfield
93303

Jack C. Arbuckle Company
CENTRAL CALIFORNIA DISTRIBUTORS OF
ELECTRONICS FOR RETAILERS AND INDUSTRY

2050 H st.
Fresno, Calif.
(559) 284-6554

Fresno Amateur Radio Club

THE DX CORNER

By
Charles McConnell W6DPD

Amateurs who are new to HF operation need to get a frequency chart so they will know where they can operate. I have heard a several new Generals operating outside of their bands. You don't want an OO notice or a Citation from the FCC. You can get a frequency chart from your March QST or download it from www.arrl.org.

NOTICE: The address of the Sixth District QSL Bureau is now P. O. Box 970, Fairfax CA 94978-0970. You can send address labels and \$0.70 for each envelope to the address above. They will put 1 unit of First Class postage on the envelope. The new price was effective Jan. 01, 2006.

If you work DX, you should have envelopes at the QSL bureau. The address is at the top. Your QSL cards received at the bureau may be put in the trash after they sit in the bureau for 90 days. If you change your call sign, then you need to maintain envelopes for both call signs at the bureau, if you have been working DX with both call signs.

If you send QSL cards to managers in the United States, be sure to add the postage increase this spring. You can put an extra stamp on the return envelope or include some money to cover the possible increase in U.S. postage.

The International DX Convention will be April 27-29, 2007 at the Holiday Inn at Visalia. There will be a number of world class DX'ers at this event. Check out www.dxconvention.org for information. They have a program for beginning DX'ers at this one.

Even though we are near the solar minimum for this sunspot cycle, there is still DX out there. Get on the air.

The following operations are scheduled:
Sudan ST2R now through April 30, 2007
Greenland OX3PG now to July 30, 2007
Norfolk Island VK9N February 15 to March 3, 2007
Bahamas C6AWN March 18 to 26, 2007
St. Maarten, PJ7 February 25 to March 25, 2007
Guinea Bissau J5UAP February 25 to April 30, 2007
Samoa 5WORE February 26 to March 11, 2007
Senegal 6W2SC February 25 to April 30, 2007.
South Cook E51PJT March 3 to March 17, 2007
Swaziland 3DA March 16 to March 30, 2007

Antigua V2 March 19 to March 25, 2007
Agalega 3B6 March 22 to April 2, 2007
Spratly Islands 9M4SDX March 9 to March 20, 2007
St. Lucia J68WI April 1 to 13, 2007
Mali TZ April 2 to April 7, 2007
Swains Island N8S April 4 to April 15, 2007
Syria YK1BA April 9 to 27, 2007
Mongolia JT1Y April 14 to May 3, 2007
Scarborough Reef BS7H for 10 days in late April
Mongolia JT1Y April 14 to May 3, 2007
Tokelau ZK3A April 16 to 19, 2007
Samoa 5W5AA April 20 to 24, 2007
Senegal 6V7 April 24 to May 6, 2007
Fiji 3D2 April 27 to 29, 2007
Liechtenstein HBO May 27 to 29, 2007
Rotuma 3D2R May. June 2007
Botswana/Lesotho A22/7P8 Sometime in July 2007
St. Brandon Island 3B7C September 7 to 24, 2007

Watch the DX Bulletins for up to date information. As the time for the operation is at hand, watch the DX Summit for listings. There are a number of state QSO parties each year. Check the contest corral in QST or the ARRL web page. State QSO parties are a good place to collect states for your Worked All States award. ARRL Log Book of the World now supports the Worked All States Award.



Happy 90th Jake !!

TOM JARVIS Owner MARC JARVIS	Suits • Tuxedo • Sport Coats Custom Shirts • Slacks Ind. & Group Sales
IN STYLE II <i>Clothing For Men</i>	
359 E. Shaw Fresno, CA 93710 Res: (559) 645-1816	Bus: (559) 226-5920 1-888-559-5756 Cell: (559) 916-2445

ARRL Section Report

SAN JOAQUIN VALLEY SECTION Report for the month of February 2007:

SM Charles McConnell, W6DPD- ASMs K6YK and N2NS, ACC W6DPD, SEC N6ZFN, OOC N1VM, STM K6RAU, PIC KE6IGJ, TC W6TE.

Greetings from the ARRL San Joaquin Valley Section.

Your club has received a petition to get the governor to declare June 17 to 23, 2007, Amateur Radio week in California. This is a statewide effort. Please keep collecting signatures and return the petitions to the address in the email by April 25, 2007.

With the change in Part 97 of the FCC Rules eliminating the code exam as a requirement for upgrading, many Amateurs have upgraded to General and Extra Class. Congratulations to those getting upgraded licenses. Enjoy your new privileges. Technician Class Amateurs now enjoy limited HF privileges on 80, 40 and 15 CW and 10 meter SSB and CW. As the year progresses, more Amateurs will upgrade to General and Extra.

Just a reminder, the sidebands of your signal must be within the band edges. As a rule of thumb, on SSB you should operate no closer than 3 KHZ to the band edge to ensure that your sidebands remain within the band. On CW you can get closer to the band edge as the CW signal are not as wide as SSB signals, but your signals must remain within the band. Technicians may NOT operate FM on 10 meters. They may only operate SSB on 28.300 to 28.500 MHZ. FM on 10 meters can only be used above 29.5 and 29.7 MHZ.

Courtesy dictates that you should listen, and then ask if a frequency is in use before calling CQ. You need to call CQ when soliciting a contact on HF. Just giving your call sign on HF is not enough to usually get a contact.

If you desire your club information and events to be listed in Section News, please send the information to w6dpd@arrl.org.

The Turlock ARC Spring Auction will be Saturday April 7, 2007, at 9:00 AM at the Youth Center at 1030 East Avenue in Turlock. The International DX Convention is April 27-29, 2007 at Visalia. Check <http://www.dxconvention.org/> for information. EMCOMM West is May 4-6, 2007 at the Atlantis Resort and Casino in Reno NV. Check www.emcommwest.org for information. Los Banos ARC special event station is May 12. Field Day 2007 is the fourth full weekend of June. The 65th Fresno Hamfest is August 4, 2007 at the Holiday Inn at the Airport in Fresno. Check www.w6to.com for information. The California QSO Party is October 6-7, 2007. Check www.cqp.org for information. Pacificon 2007 is October 19-21, 2007 at the Marriott Hotel in San Ramon CA. Check www.pacificon.org for information.

When your affiliated club elects officers for the next year, be sure to update your club's information on the affiliated club area of the ARRL web page. If you fail to update your club's information for 2 years, your club will be placed in the inactive file.

The Northern California Net (NCN), the Section Traffic Net, meets nightly on 3.533 MHZ at 7 PM Pacific Time. The slow speed training session of the net meets nightly on 3.533 MHZ at 9 PM Pacific Time. Handling traffic on CW is a good way to improve your CW skills. The Day-time Region 6 Traffic Net meets daily at 3:30 pacific time on or near 7.275 MHZ. The California Traffic Net meets daily on 3.906 MHZ and 6:30 PM local time. The noon time net meets on 7.268.5 MHZ. This net handles a lot of messages.

It is my sad duty to report that W6DKI Mark, W6LIN Paul, W6DUD Howard, WB6KLL Chris, and KC6DVJ Pat, are Silent Keys. They will be missed.

Manteca ARC and San Joaquin County ARES will hold a one-day "Ham Cram" Study session, followed by FCC testing, on Saturday, April 14, 2007 from 8:30am until 5 pm in Manteca. Fee for the training session is \$16 plus \$14 for testing (\$30 total). All license classes offered. No walk-ins. Limited retesting available.

Location: TBA, Manteca, CA (95336) Space limited, pre-registration required. Contact: David Coursey, Emergency Coordinator, SJ ARES, (209) 835-6893, N5FDL@ARRL.NET W5YI-VEC

SJV scores in the ARRL September VHF QSO Party were 1st KR7O, 2nd KE6BZY, and 3rd KF6CNV.

AK6DV Chuck qualified for WAZ.

The Tulare County ARC now meets the third Thursday at the Tulare County Board of Supervisors Bldg at 7:30 PM.

Turlock ARC members provided communication and safety support for the McLane-Pacific-Merco Bike Race.

Traffic for February: K6RAU 19, and W6SX 4. Total 23. PSHR



Thomas L. Whitlock

WHITCOMM

ELECTRONICS

Parts & Supplies Distributor

105 W. DAKOTA, #106 • CLOVIS, CA 93612 • 559/294-0977

Insight by Stuart Homes WB6VRJ

Like a bunch of other hams, Model Railroading is another pursuit from which I derive pleasure.

Recently, in one of the Model Railroad magazines, there was an article about installing the DCC decoders in model trains.

That got me to thinking about how computers have really "invaded" our ways of life. Not only in real trains, such as the modern Diesel-Electric locomotives, which use computer controls for everything, to model trains. DCC stands for Digital Command Control, and that is now THE way to control model trains.

What strikes me, though, is the fact that the writers talk about the DCC modules and chips. Not a word is said about what goes into them, such as oscillators, and triggers and gates and things like that.

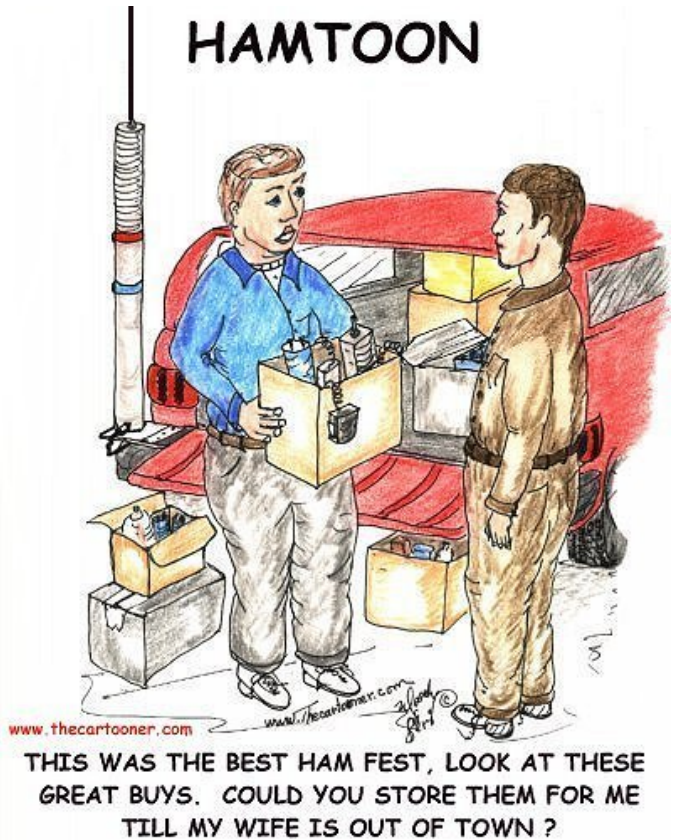
But the same could be said of our hobby in Ham Radio as well. We no longer talk about the final stage and see in our minds eye the individual tubes, condensers and resistors that play a role; we see a chip that carries out all these functions for us. Even a CW keyer-the electronic part-does all that fancy stuff, and all we can say or know is that "it is a keyer".

So I guess in a way we have become "appliance operators", like it or not.

I guess what can be said is that the elimination of CW from the test is a "flag" that we have progressed beyond the simple on-off to a much higher level of things (I won't say more sophisticated) and so we progress.

Does anyone really miss spark?

WVB6VRJ





TELEWAVE, INC.[®]

Wireless Communications Manufacturer since 1972

Designs & Manufactures
High-Quality Radio System Products for the
AMATEUR RADIO INDUSTRY

Transmitter Combiners • Antennas • Filters • Wattmeters • RF Power Monitors
Celloco • High-Q Cavities • Preamplifiers • IM Suppression • Receiver Multicouplers • Preselectors
Duplexers • RF Loads & Terminations • Isolators • Wireless System Engineering

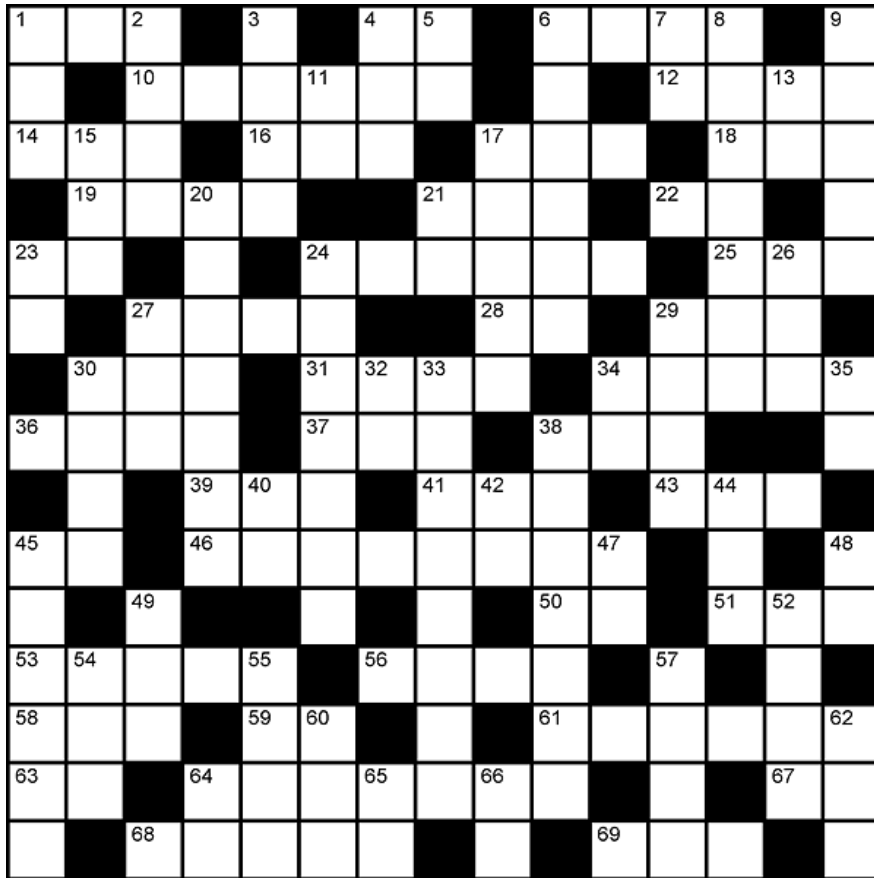
➤ **Order Today! 800-331-3396** ◀

660 Giguere Court, San Jose, CA 95133

Email: sales@telewave.com <http://telewave.com>

CMAS Contract # 3-06-58-0122B GSA Contract # GS-35F-0248J

Fresno Amateur Radio Club



Across

- 1. Don't want to be one of these
- 4. A million or a thousandth of a henry
- 6. 100 entities gets you in this club
- 10. The person in charge of magazine content
- 12. What T in RST stands for
- 14. Unit of power (abbr)
- 16. Take a shot to avoid catching this
- 17. Contest magazine
- 18. An avid hobbyist
- 19. What hams copy
- 21. Most miniature Morse
- 22. Dash (prosign)
- 23. A laugh or a state
- 24. Person who guides students in the on-line CCE course
- 25. One of three in NY state
- 27. Dipole made with multiple parallel wires
- 28. Where you go after the safety belt breaks

- 29. The magic word in CW
- 30. Field strength (abbr)
- 31. The CD Repeater Directory displays repeaters overlaid on these
- 34. The Big Snitch
- 36. There's an outbound and an inbound
- 37. One of these over two letters makes it a prosign
- 38. Goes with mom and apples
- 39. Substitute semiconductor company
- 41. Get on this to transmit
- 43. Messaging system
- 45. How much change per degree
- 46. Represents a section
- 50. Often interfered with
- 51. Indicates closeness of a match
- 53. These show typical band usage
- 56. Assistant to 46 Across
- 58. Has both a Russian and American call
- 59. Below MF
- 61. Where contests are rounded up
- 63. Canadian maritime province (abbr)
- 64. Search for these on the ARRL Web site
- 67. Also in 50 Across (postal code)
- 68. Containing nothing
- 69. Ham radio's widest circulating magazine
- Down**
- 1. Efficient light
- 2. Show how something works
- 3. Member forever
- 4. ARRL arranges these with other organizations
- 5. What we do (abbr)
- 6. This person is in every month
- 7. HQ's state (abbr)
- 8. Radiosport
- 9. This old transmitter lives at HQ
- 11. Feed line (abbr)
- 13. Its prefix is
- 15. Interference from a commercial station
- 17. Short reminders
- 20. Shape of the antenna from which the ARRL logo is taken
- 21. Direction of this word (abbr)
- 23. Made it yourself! (abbr)
- 24. These are served by the ARRL
- 26. The ARRL publishes a directory of these
- 27. Restarts a ticker
- 29. A rounded hammer
- 30. VHF+ version of 6 Across
- 32. Prosign for "send everything after" again
- 33. This makes 19 Across perfect
- 34. Smallest of the 48 (postal code)
- 35. CW for something that belongs to you
- 38. The Intruder Watch mission
- 40. Tough metal (chemical symbol)
- 42. Add a B to get data and a D to get E
- 44. ARRL service for technical references
- 45. How you communicate digitally
- 47. Ham shack on the road
- 48. Switches between talking and listening
- 49. Takes 50 contacts
- 52. Flagship station
- 54. On the other side from USB
- 55. Heavy action on a paddle or bug
- 57. Emergency team
- 60. Exercises ability to measure frequency (abbr)
- 62. Where product specs are tested
- 64. Add O to get resistance
- 65. Takes cars across a waterway (abbr)
- 66. The weakest signal report you can give



Fresno Amateur Radio Club, Inc.
Presents an ARRL Sanctioned Event

65th Fresno Hamfest

Saturday, August 4, 2007 - 8:00am to 3:00pm

Admission \$10.00 each at the door.

Early Registration Admission (by July 28, 2007)	_____ @ \$8.00 each	\$ _____
<i>Registrations received by July 28 will be in a drawing for a Yaesu FT-8900.</i>		
Hamfest Luncheon	_____ @ \$20.00 each	\$ _____
Hamfest Drawing Tickets	_____ @ \$10.00 each	\$ _____
<i>Drawing for \$1,000.00 AES Gift Certificate (only 300 tickets will be sold)</i>		
Prize Tickets 8 for \$5 (purchased by July 28, 5 for \$5 at the door)		\$ _____
65th Fresno Hamfest Commemorative Baseball Cap:	_____ @ \$10.00 each	\$ _____
Swap Table (6 foot) (Limited Space, sign up early)	_____ @ \$5.00 each	\$ _____
Vendor Table (6 foot)	_____ @ \$15.00 each	\$ _____
Check or Money Order # _____	65th Fresno Hamfest Total:	\$ _____

Name _____ Call Sign _____
 Mailing Address _____
 City / State / Zip _____
 Phone _____ Email Address _____

Confirmations will be made by email. If you want a confirmation mailed to you, please enclose a SASE.

Need to stay the night? Holiday Inn Airport — Hamfest Room Rate \$89.00! Call 559-455-2509 by 7-4-07.

Return Registration To:
 Fresno Hamfest
 359 East Shaw Ave
 Fresno, California 93710

65th Fresno Hamfest Location
 Holiday Inn at the Airport
 5090 E. Clinton Way
 Fresno CA 93727

Hamfest Coordinator
 Tom, KG8KYU
 559-818-2445
 Email: Hamfest@W6TO.com

Scheduled Events

Keynote Speaker: To Be Announced

ARRL Forums
 Tech Talks
 PACKET

Grand Prize Drawing
 APRS
 SSTV

Hourly Drawings
 NTS
 Swap Tables & Vendors



Fresno Amateur Radio Club
 P.O. Box 5912, Fresno, CA 93755-5912

Fresno VE Page

AMATEUR RADIO VE EXAMS IN FRESNO UNLICENSED THRU EXTRA CLASS FRESNO AMATEUR RADIO CLUB ARRL VEC AMERICAN RADIO RELAY LEAGUE 2007

Exams for all Amateur license classes will be conducted on the following dates in Fresno California. All exams are given on Saturday and begin at 9:30 AM.

May 19th

Aug 18th

Nov 17th

LOCATION: ...Bonaventure Mobile Home Park, 1724 Minnewawa Ave Clovis CA 93612-2545. Exams are held in the community room.

DIRECTIONS: From Highway 99 South of Fresno, exit Clovis Ave. Go north to Shaw and turn left on Shaw to Minnewawa. Turn right on Minnewawa and then left to the Mobile Home Park.. From Highway 41 or Highway 99 North of Fresno, take Shaw Ave. exit, turn right (East), to Minnewawa Ave and turn left. Then turn left into the Mobile Home Park.

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 two weeks.

BRING. Two ID's, one with photo. Taxpayer ID Number (Social Security Number), ULS registration Number or FCC Registration Number. Fee \$14.00 per test session. Bring Exact change. Original and copy of Amateur License and CSCE's if upgrading. Talk in on 146.94 repeater.

Walk in's only, no preregistration. More Info?? Contact Charles, W6DPD (559) 431-2038

4364 E. Ashlan Ave. * Fresno Ca. 93726
Phone (559) 227-2968

Shop at **SPARKY'S** for all your electronic needs.
Everything in electronics for:



**HOBBYIST
DO-IT-YOURSEFLER
EXPERIMENTER**

Professional and Amateur Radio publications,
Since 1963

Shortwave radios-Parts-Tools
Computer Accessories-LAN-Data Comm.
Cables and wire.

Fresno Amateur Radio Club

F.A.R.C. DUES ARE \$20.00 PER YEAR FOR FULL MEMBERSHIP. Additional family members in the same household are \$5.00 each per year. Make checks payable to F.A.R.C. and send to:
P.O. Box 5912, Fresno, Ca. 93755-5912.

2007 Fresno Amateur Radio Club 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 5912 Fresno Ca 93755-5912

**Upcoming 2007
Fresno Amateur Radio
Club
Activities and Events**

**April 3-Board Meeting
April 13-Membership Mtg**



FRESNO AMATEUR RADIO CLUB, INC.
P.O. Box 5912
Fresno, CA 93755-5912

Send To: