



June 2005

Fresno Amateur Radio Club Newsletter Volume 66, Issue 6

Our next general meeting will be on June 10th at Cedar Lanes at Cedar and Shields. The meeting starts promptly at 7:00 pm. The next board meeting is June 7th at the Woodward Park Library at the corner of Perrin and Champlain. That meeting also starts promptly at 7:00 pm. We'd like to see everybody at the general meeting for some good fun. See you there!

FARC General Meetings

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

2005 FARC BOARD MEETING DATES

AT 7 PM—Woodward Park Regional Library
June 7th

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 Prez Sez



Looks like summer is approaching even if the weather says otherwise...Summer, that means its time for Picnics, camping, and Field Day!

Sound like our Field Day planning is coming along. Sounds like there is going to be a real competition between the SSB and CW teams this year! If you are interested in participating in Field Day please contact Dave W6TE our Field Day Chairman.

Hamfest is August 13th Planning is coming along. Please contact Marcus or Lisa if you would like to help out.

I would like to say thank you to the Board of Directors and to the members who help out with the meetings and the club events. This is YOUR club and it will be what WE make of it. If you have any comments, questions or ideas for the club please feel free to contact any of the Board members. The FARC Board of Directors meetings are open to the public and anyone is welcome to attend.

See you all at the next meeting!

73,

Rob - AE6GE

Look at page 3 for the Fresno Hamfest Information!

2005 FARC BOARD OF DIRECTORS

President:	Rob Mavis	AE6GE	ae6ge@w6to.com	360-2505	12/31/06
Vice-President:	John Morrice	K6MI	k6mi@w6to.com	275-7373	12/31/05
Secretary:	Dave Smith	W6TE	w6te@w6to.com	323-6095	12/31/06
Treasurer:	Jim Nelson	W6ALE	w6ale@w6to.com	447-5422	12/31/06

Board Members

Ken Holden	WA6OIB	wa6oib@w6to.com	323-6753	12/31/06
Rick Fornes	KA6Y	ka6y@w6to.com	281-4116	12/31/06
Paul Lambert	W6WYT	w6wyt@w6to.com	240-8519	12/31/06
Dan Pruitt	AE6SX	ae6sx@w6to.com	779-2974	12/31/05
Ted Miller	K6FGE	k6fge@w6to.com	431-1441	12/31/05
Marcus Beedle	KG6QNY	kg6qny@w6to.com	360-7444	12/31/05
Tom Jarvis	KG6KYU	kg6kyu@w6to.com	916-2445	12/31/05

Lunch Gathering
 Every Thursday at
 12:00 PM
 Silver Dollar Hofbrau:
 Corner of
 Hwy 41 and Shaw
Breakfast Gathering
 Mondays and Saturdays
 Country Waffles
 Blackstone and Dakota
 7:00 AM

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ARRL Field Organization - San Joaquin Valley Section:

- Chuck McConnell, W6DPD, Section Manager
- Bob Hervatine, W6FRH, Assistant Section Manager
- Victor Magana, N1VM, Official Observer Coordinator
- Barbara J Gardiner, KE6IGJ, Public Information Coordinator
- Marie S Thompson, N6ZFN, Section Emergency Coordinator
- Fred B Silveira, K6RAU, Section Traffic Manager
- David Smith, W6TE, Section Technical Coordinator
- Rick Fornes, AF6Y, Technical Assistant (Fresno Area)

AMSAT Field Organization:

- David Smith, W6TE, AMSAT AREA Coordinator

Club Contacts

Field Day Committee Chairman:

Dave Smith W6TE323-6095

Education/Scholarship Chairman:

Ted Miller K6FGE431-1441

Hamfest Co-Chair:

Lisa Nelson KG6SZA.....447-5422

Marcus Beedle KG6QNY360-7444

Net Manager

John Morrice K6MI275-7373

SKIP Newsletter Editor:

Jim Nelson W6ALE.....447-5422

Tech Committee:

Ken Holden WA6OIB.....323-6753

Dave Smith W6TE.....323-6095

Rick Fornes KA6Y.....281-4116

Paul Lambert W6WYT.....240-8519

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The
Fresno Amateur Radio Club
Invites you to
HAMFEST 2005



Saturday, August 13
8 a.m. to 3 p.m.



CSU-Fresno, Whitfield Hall

Featuring ~

- * Swap Meet
- * Forums
- * Vendors
- * Drawings and Prizes
- * Luncheon with Keynote Speaker

Admission ~

- * \$5.00 General Admission
- * Students/Military free with ID
- * Sit-down luncheon, \$13.00

Don't miss the Radio Check-In Raffle!

On your way in to Hamfest, log-in on the 146.94 repeater between 7:30-11:30 a.m. to be entered. Prizes awarded at the luncheon. Must be present to win.

**Grand Prize
- Raffle -
Yaesu FT-897D**

***For further information, swap meet or vendor details, visit the club website at:
www.W6TO.com, or by phone at: (559)447-5422***

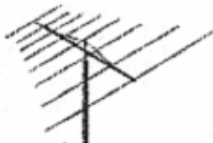
Local Amateur Radio Repeaters

<u>Organization</u>	<u>Call sign</u>	<u>Location</u>	<u>Freq</u>	<u>Offset</u>	<u>Tone</u>
AARC	WB6QDN	FRESNO	146.610	-	NONE
CARP	K6ARP	MEADOW LAKES	147.675	-	141.3
CARP	K6JXL	MEADOW LAKES	224.380	-	141.3
CARP	N6VYT	MEADOW LAKES	444.725	+	141.3
CARP	N6JXL	MEADOW LAKES	1286.300	+	141.3
CCAC/WIN	K6JSI	MEADOW LAKES	146.790	-	141.3
CCAC/WIN	K6JSI	MEADOW LAKES	444.250	+	141.3
CONDOR	WB6BRU	MADERA	224.900	-	156.7
FARC	W6TO	MEADOW LAKES	146.940	-	141.3
FARC	W6TO	MEADOW LAKES	223.940	-	NONE
FARC	W6TO	MEADOW LAKES	444.200	+	141.3
K6SIX	K6SIX	MARIPOSA	441.350	+	107.2
KARC	W6EMS	FRESNO	440.675	+	110.9
KARC	W6EMS	FRESNO	1286.475	-	110.9
KINGS ARC	KA6Q	HANFORD	145.110	-	100.0
MADERA ARC	W6WGZ	OAKHURST	147.180	+	146.2
MADERA ARC	W6WGZ	OAKHURST	441.175	+	146.2
MTS	N6MTS	FRESNO ST.	145.23	-	141.3
QCWA	WQ6CWA	FRESNO	146.85	-	141.3
QCWA	WQ6CWA	FRESNO	443.25	+	107.2
RACES	N6HEW	FRESNO	147.150	+	141.3
W6DCP	W6DCP	PARKFIELD	147.24	+	NONE

FARC Repeater At New Location

The Fresno Amateur Radio Club Repeater – W6TO/R has a new home. It's still at Meadow Lakes but is about a quarter mile from the KFSN-TV property which was the repeater site for nearly 30 years. Several generous donations made it all possible. Improvements to the repeater receiver will be made soon.

Details and pictures will be published in the July SKIP.

Michael B. Staal K6MYC
Vice President/Designer

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W6TE's Column

Field Day: Will be the last full weekend in June, 25th, 26th at the Pineridge school....(top of the 4 lane, turn left at Pineridge.)

DXing The Vatican Amateur Radio Station was activated in celebration of the new Pope. The Vatican's ARS is not active very often. I have only worked the station once and that was on satellite in 1986.

Calendar for June:

June 11 & 12th.....ARRL VHF Contest

June 25 & 26th.....Field Day

Field Trip to KGO: A few of us were invited to partake in a field trip to the famous KGO radio station in San Francisco. The station's chief engineer, Joe Talbot, is a ham and a great guy. We got the grand tour of the transmitter (next to the Dunbarton bridge) then traveled up to the studio in San Francisco. After that we enjoyed pizza and beer with Joe and several other invitees.

Moonbounce/Satellite Operations: West Coast Satellite Symposium was held on May 7th at the College of San Mateo. It was a good turnout with many interesting topics. My favorite was the "Software Radio" presentation.

Lunar Trivia: The moon has a reflectivity of about 2%.

Last Months Brain Teaser:

Vcc = 20 VDC

Ic = 50 Amp DC

Efficiency = 50%

Feedline loss to antenna is 3 dB

What is the power to the antenna from this amplifier?

Answer: 250 watts

73,

Dave / W6TE



Answers to last months puzzle

Attention all Elmer's: *Take note!* FARC Field Day GOTA Station will be open for all comers or COMMers!! Come join us, bring the YL, XYL, the kids, neighbors, day or night, we will have the coffee on (or soft drinks). Here is your chance to show off your hobby. Can't make it yourself? Just print your Skip or give them your hard copy (will get you another), with the directions. Make sure they know they will be welcomed and they are expected. Do you know a Scout Trooper? Let the troop know about us. Do you know a cribbage club? Tell them about us, well you get the idea. This is one time when we can show everyone what we do and like. It also helps with the contest. We get special points from the GOTA station contacts from operators that are young, elected, create publicity for Amateur Radio, and of course we will have a great time! 73 Ted Miller, K6FGE; Paul Sullivan, W6VPS; Dan Pruitt AE6SX

Congratulations to Thanh Bui for being the recipient of the Jimmy Wakefield Memorial Scholarship at the Cart school. The graduation was on May 19th and Ted Miller was there to represent the club and hand Thanh the award. Congratulations from the club and good luck!

Amateur Radio Word Search Puzzle**Thanks to Jeff KF6CNV**

C	Q	L	W	Y	Y	V	C	E	T	N	E	T	N	E	R	R	U	C	I	D	O	I	R	E	P	V
W	I	R	E	K	E	R	E	H	P	S	O	N	O	I	T	A	L	U	G	E	R	E	N	U	T	A
S	M	R	O	C	I	I	N	D	U	C	T	A	N	C	E	L	I	M	I	S	C	A	F	G	U	C
W	T	C	T	I	N	J	Y	E	S	R	E	V	N	I	S	A	A	U	R	O	R	A	Z	D	S	U
I	D	N	H	C	O	U	D	H	H	W	Y	C	N	C	R	Y	S	T	A	L	E	D	I	A	E	U
T	Q	O	A	I	E	X	O	Z	C	I	I	N	O	C	R	A	M	L	L	D	V	O	P	I	A	M
C	A	I	N	T	W	L	R	B	N	O	L	N	R	U	Y	F	I	A	N	E	I	W	A	W	Y	J
H	N	T	D	P	C	H	E	S	N	A	H	L	T	K	G	G	C	E	E	R	E	N	S	A	N	G
U	S	C	H	E	M	A	T	I	C	O	I	E	I	E	N	I	R	X	G	G	C	L	S	V	F	L
A	M	N	E	D	C	R	E	Q	D	C	O	R	R	M	R	A	O	E	A	J	E	I	I	E	G	U
L	C	U	L	A	U	H	H	R	E	Z	C	M	E	E	T	F	W	B	T	B	R	N	V	K	N	K
N	I	F	D	M	V	F	O	N	S	H	A	N	M	L	N	P	A	O	I	E	O	K	E	A	I	K
G	T	D	E	E	W	Q	S	L	H	N	T	U	A	P	P	T	V	C	V	V	M	K	K	R	D	N
K	A	N	B	M	I	E	O	O	I	S	N	S	K	Y	T	E	E	O	E	A	Q	M	D	D	A	I
T	T	A	I	O	D	F	F	U	E	N	K	X	J	E	X	D	K	R	Z	W	U	R	H	L	F	L
N	S	B	N	H	E	F	M	B	L	O	K	R	R	P	R	F	L	I	N	E	A	R	N	O	F	N
V	B	E	A	R	C	A	T	A	D	W	M	Y	O	N	V	O	M	U	I	M	D	A	C	G	T	I
O	O	D	R	C	I	R	C	U	I	T	Z	S	G	W	A	U	O	P	T	I	C	A	L	B	M	W
I	K	I	Y	R	V	V	O	D	N	D	U	O	Q	D	T	Q	R	E	L	T	S	U	H	O	D	Y
C	T	S	Y	A	N	A	L	O	G	R	E	F	O	H	N	E	L	I	B	O	M	H	C	O	P	E
E	C	I	V	O	N	N	L	T	E	S	N	O	G	R	O	U	N	D	C	L	F	I	Z	K	M	S

Alignment	Circuit	Exposure	Hustler	Logbook	Overload	TenTec
Ameritron	Coherent	Facsimile	Icom	Marconi	Passive	Timewave
Analog	Crystal	Fading	Inductance	Microwave	Periodic	Tuner
Atlas	Current	Ferrite	Instrument	Millihenry	Quad	Vacuum
Audio	Daiwa	Function	Interface	Mobile	Reactants	Voice
Aurora	Decibels	General	Inverse	Moonbounce	Receiver	Winlink
Azimuth	Desolder	Germanium	Ionosphere	Negative	Regulation	Wire
Battery	Dielectric	Gonset	Joint	Network	Schematic	Yaesu
Baudot	Downlink	Ground	Keplerian	Novice	Shielding	
Bearcat	Drake	Handheld	Kirchhoff	Numerical	Sideband	
Binary	Echolink	Heterodyne	Licensed	Ohmmeter	Static	
Cadmium	Epoch	Homemade	Linear	Optical	Switch	

THE DX CORNER
By
Charles McConnell W6DPD

DX Helps

What information is available to help you work DX?

The ARRL publishes The DXCC List. This pamphlet has the rules for DXCC, the listing of all the DXCC entities on the active list, the deleted entities, plus information as to ITU Zone, CQ Zone, the continent and if the ARRL Outgoing QSL Bureau sends cards to the entity. It includes a place keep records of contacts by band. It also contains a listing of DXCC Card Checkers. You can download this information from www.arrl.org/awards/dxcc.

There are several logging programs for the computer that automate the record keeping. Write-Log is one that the contesters use. Logger is another. Some must be purchased, others are free downloads. They have them for both PC and MAC. These programs let you enter contacts, print QSL labels, upload contacts to Log Book of the World, and contest logs for submission for the various contests. Also, there is also the paper logbook for record keeping.

There are a number of DX Bulletins to which you can subscribe. Examples are the Daily DX, which is, published M-F by Bernie McClenny, W3UR. It is delivered by email. He also publishes the Weekly DX, also delivered once a week by email. You can go to www.dailydx.com for information. You can subscribe to QRZ DX published by Carl Smith, N4AA. This bulletin can be received by email or by U.S. Mail. He also published the bimonthly DX Magazine. For information see www.dxpub.com. The Ohio-Penn DX Club publishes the OPDX Bulletin on the Internet. It is posted on Sunday Afternoon at <http://www.papays.com/opdx.html>.

To find various DX locations you can go to www.wm7d.net. Find and click on Amateur Radio on the left side of the page. This will get you to a number of DX links. AC6V (www.ac6v.com/) has a number of DX links. There are many others. For DX listings try the DX Summit (<http://oh2aq.kolumbus.com/dxs/>) or the DXscape cluster (<http://www.dxscape.com/>). These provide real time DX listings. Another good site is <http://www.dx-central.com/> which has a number of links to DX information.

There are members of the Fresno ARC who are active in working DX. Talk to W6RUJ, K2VCO, K6XJ, W6FRH, WS6X, K6MI, W6YDE, or W6DPD for information. These stations are active DX Chasers. They are also members of the Central California DX Club, Inc.

The best way to find the DX is to tune the bands and listen.

There are a number of DX operations planned for the first half of 2005. In June-July, St. Paul Island, CY9SS, will be active. In late summer, Sable Island CY0 will be active during the summer also, Kure Island, KH7K, will be activated during September-October. Glorioso is scheduled for October-November.

Good Luck.



ARRL Section Report

SAN JOAQUIN VALLEY SECTION Report for the month of April 2005:

SM Charles McConnell, W6DPD- ASMs K6YK and W6FRH, ACC W6DPD, SEC N6ZFN, OOC N1VM, STM K6RAU, PIC KE6IGJ, TC W6TE.

Greetings from the ARRL San Joaquin Valley Section.

Emergency Coordinators are needed in Kings, Mono and Calaveras Counties. Contact N6ZFN (n6zfn@ares-races.net) or W6DPD (w6dpd@arrl.org) if you can help.

Field Day is June 25-26, 2005, the fourth full weekend of June. Now is the time to begin planning for the event. There are some rules changes for 2005 so download your FD packet from www.arrl.org/contests/forms.

Mark your calendars. **EMCOMM West** will be May 13-15, 2005 in Reno. Check www.emcomwest.org for information. The **California Historical Radio Society Swap Meet/Auction** is June 18, 2005 at Cliffs Radio Warehouse on the corner of 13th and X in Merced. Check www.californiahistoricalradio.com for information. Check their events page. **The Fresno Hamfest** is August 13, 2005. Check www.w6to.com for information. **Pacificon 05** will be October 14-16, 2005 at the San Ramon Marriott. 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.

Need to take an Amateur exam? Check the ARRL web page, www.arrl.org for exam information.

The Northern California Net (NCN), the Section Traffic Net, meets nightly on 3.630 MHZ at 7 PM Pacific Time. The slow speed training session of the net meets nightly on 3.705 MHZ at 9 PM Pacific Time. Handling traffic on CW is a good way to improve your CW skills. The Daytime Region 6 Traffic Net meets daily at 3:30 pacific time on or near 7.275 MHZ.

Grant-sponsored Reimbursement Ending Very Soon.

In June, the last seat to be offered under the Corporation for National and Community Service (CNCS)-sponsored grant will open. After that, only

a small number of reimbursable seats in each course will be offered under the United Technologies Corporation (UTC) grant through October. At this time, no further grant-sponsored reimbursement for EmComm course students is on the horizon. If you have any additional questions, please send them to cce@arrl.org <<mailto:cce@arrl.org>>.

It is my sad duty to report that N6FRM, W6KBP, KD6ZUQ, W7FMD, and K6GOB became a Silent Keys. They will be missed.

Clovis ARP, Fresno ARC, and Tulare County ARC members provided communications for the March of Dimes Walk America.

Members of the Stockton Delta and Lodi ARCs provided communications for the Stockton Bike Club's Century Bike Ride thru the Delta.

San Joaquin Net 2005-2006 officers are Net Manager AD6X, Secretary KG6BBZ, and Asst. Secretary WG6Q. The net meets at 6 PM Pacific Time Mon-Sat on 3.918 MHZ.

The San Joaquin Valley ARS is now an affiliated club of the ARRL.

Congratulations to W6WBT, and W6DBM, on completing the ARECC Level 1 course.

Congratulations to WC6H, W6XK, and N6NZ on placing first, second and third in the November 2004 ARRL Phone sweepstakes for the SJV Section.

W6RUJ, K6XJ, W6UA, and K6KH won the golf tournament at the 2005 International DX Convention. A number of section members won prizes at the convention.

The Central California DX Club named K6XJ the 2004 DX'er of the Year.

K6YK worked satellites, PSK 31 and RTTY while portable in Alabama.

HB9MX and KB6AAL attended the International DX Convention and visited in the Fresno Area after the convention.

Traffic for April: K6RAU 16, N6SUZ 174; Total 190. PSHR K6RAU 62, N6SUZ 115.

Fresno VE Page

AMATEUR RADIO VE EXAMS IN FRESNO UNLICENSED THRU EXTRA CLASS FRESNO AMATEUR RADIO CLUB ARRL VEC AMERICAN RADIO RELAY LEAGUE 2005

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

August 13

November 12.

LOCATION: Center for Advanced Research and Technology (CART), 2555 Clovis Ave, Clovis CA 93612. This is on the southeast corner of Clovis Ave and Santa Ana.

DIRECTIONS: From Highway 99 South of Fresno, take Clovis Ave. Go north to Santa Ana Ave and turn right to the campus. From Highway 41 or Highway 99 North of Fresno, take Shaw Ave. exit, turn right (East), go to Clovis Ave, turn right to Santa Ana Ave, turn left, then on to the campus. The exams will be on the north side of the campus.

Theory exams are multiple choice. Code Exam is fill in the blanks. Express mail is used to send paperwork to ARRL, which sends data to FCC via electronic mail, thus assuring the fastest possible service.

New licenses typically arrive in about two weeks.

IDENTIFICATION: Bring two forms of ID. One must have a 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 ins only, no pre-registration.

More Info?? Contact Paul AE6QP, (559) 297-8478

Please note: The exam on August 13th will be given at the Fresno Hamfest at the Fresno State Satellite Student Union.

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2005 F.A.R.C. MEMBERSHIP APPLICATION

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Address _____
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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 2005
Fresno Amateur Radio
Club
Activities and Events**

June 7th – Board meeting

June 10th – Membership meeting



FRESNO AMATEUR RADIO CLUB, INC.
P.O. Box 783
Fresno, CA 93712-0783

Send To: