



Sept. 2005

Fresno Amateur Radio Club Newsletter

Volume 66, Issue 9

Our next general meeting will be on Sept. 9th at Cedar Lanes at Cedar and Shields. The meeting starts promptly at 7:00 pm. The next board meeting is Sept. 6th 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
July 5th

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

Thank you to everyone who attended the 63rd Fresno Hamfest. Your support made this year one of the best Hamfests ever! I would also like to thank the vendors and other clubs and organizations for attending this year. The Hamfest Committee did a great job this year! A hearty congratulations and thank you go out to the members of the committee; Lisa Nelson KG6SZA, Marcus Beedle KG6QNY, Ted Miller K6FGE, Jim Nelson W6ALE, Dave Smith W6TE, Pat Fennacy W6YEP, Ken Holden WA6OIB, Darin Land KG6YLE, Tom Jarvis KG6KYU, Marci Jarvis KG6KYT, Ted Freitas KE6YJC, Rob Mavis AE6GE, Dan Pruitt AE6SX and the voice of the Hamfest Paul Sullivan W6VPS. Also a big thank you to Ken Holden for bringing Bob Heil to the event as the luncheon keynote! If you would like to be a part of next years Hamfest Committee please contact me, Rob AE6GE ae6ge@w6to.com.

We are currently taking nominations for five seats on the Board of Directors. If you would like to nominate someone or run yourself please contact Darin Land kg6yle@w6to.com or Steve Bassett na6g@w6to.com. Nominations close at the September meeting.

November 11th will be the annual swap meeting, so mark your calendar.

See you at the next meeting
Rob - AE6GE

Fresno Amateur Radio Club, Inc.

P.O. Box 783, Fresno, Ca. 93712-0783

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

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Ken Holden	WA6OIB	wa6oib@w6to.com	323-6753	12/31/06
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Paul Lambert	W6WYT	w6wyt@w6to.com	240-8519	12/31/06
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Ted Miller	W6TLM	w6tlm@w6to.com	431-1441	12/31/05
Marcus Beedle	KG6QNY	kg6qny@w6to.com	360-7444	12/31/05
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 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

AMSAT Field Organization:

David Smith, W6TE, AMSAT AREA Coordinator

Club Contacts

Field Day Committee Chairman:

Dave Smith W6TE323-6095

Education/Scholarship Chairman:

Ted Miller W6TLM431-1441

Hamfest Co-Chair:

Lisa Nelson KG6SZA.....447-5422
 Marcus Beedle KG6QNY360-7444

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John Morrice K6MI275-7373

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63rd FARC Hamfest

The books have been closed on the 63rd Fresno Amateur Radio Club Hamfest following good reviews from those who attended.

For the first time ever the event was held on the California State University, Fresno campus in the Satellite Student Union. (Whitfield Hall) This year the gathering returned to a one day affair. There were more than 230 paid attendees 136 took part in the luncheon. It was highlighted by guest speaker Bob Heil. (K9EID)

Heil recounted his working career from professional organist to his first audio amplifier repair which was really the beginning of what has become Heil Sound, Limited of Fairview. Illinois. With several amusing anecdotes he related his experiences as "the audio guy" for a string of famous rock bands. His most recent industry kudos and design success is a new microphone which he debuted at this year's National Association of Broadcasters convention. He was told by old line microphone makers that it couldn't be done. He told the amateurs attending the luncheon he "always replaced can't be done with why not and let me try." He capped off his address with a surprise gift of a top of the line Heil professional microphone.

The pre-luncheon activities included an amateur TV transmission from an airborne Pat Fennacy (W6YEP) with the on board camera manned by Ron Hunt (N6MTS). The video quality was excellent and provided a pilot's view of the CSUF campus as well as the foothill area east of Clovis. The video signal reception remained high quality through the landing of Fennacy's aircraft.

Fennacy by the way treated the luncheon attendees



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to ice cream for desert.

All the chairs were filled for the technical forums on Satellite Communications with Dave Smith (W6TE) and Automatic Position Reporting System with Ted Freitas (KE6YJC).

The final presentation of the gathering was by Mike Stahl (K6MYC) of M-Squared Antenna fame. He recounted the tribulations and highpoints of his most recent DXpeditions off the coast of Argentina and in Dominica

The top prize of the Hamfest a Yaesu FT 897D, was won by John Bodwell (WA6LTO) of Oakhurst.



Hamfest keynote speaker Bob Heil-K9EID showing his rock & roll heritage with his yellow sports jacket and matching sneakers. He told the audience whenever he was told "you can't do that," he always asked "why not?" and tried anyway. Just one of the reasons Heil microphones are tops in their field.

A Note of Thanks

By the time you read this, the dust will have settled on our 63rd annual Hamfest, the highlights of which will be tucked safely in the pages of our club's history book. And amazingly, as I write this, the kudos continue to roll in! As many of you may or may not know, this was *The One* that almost didn't happen ... On the heels of our club election last year, we started out behind the proverbial eight-ball. With so much Board business to attend to, coupled with not-enough-days-on-the-calendar, putting together an event this large seemed like an impossibility. We started out 2-3 months behind schedule before we even began! Fortunately, a handful of FARC faithful were of the mindset that we *could* pull it off. And what an event it was! The positive responses have been astounding, and I am so proud to have had a small part in such a successful event.

That said, I want to publicly recognize and extend my most sincere appreciation to the Hamfest team and what a team they are, in every sense of the word! These folks truly went above and beyond in order to make it all happen for you, our club members. When you see them at the next meeting or get together, please take a moment to personally thank them for their commitment and hard work to make this year's event such a success ... they are (and not in any particular order!) Ken (WA6OIB), Pat (W6YEP), Tom (KG6KYU) and Marci (KG6KYT), Jim (W6ALE), Ted (W6TLM), Paul (W6VPS), Dave (W6TE), Dan (AE6SX), Ted (KE6YJC), Darin (KG6YLE), Marcus (KG6QNY), and Rob (AE6GE). Also, it was great to have so many non-FARC members who volunteered to lend a hand selling tickets, manning booths, and just generally being available whenever and wherever: Dave's (W6TE) daughter Jennifer Levy (KB6NCF) and her husband Mark, Dave's niece Leah Thompson, and *my* pal from Hoover High days, Tracy Kelly. Special thanks also to each Hamfest board member's XYL for their support and patience; to Patty Kenny for her thoughtful donation of gift baskets for a lunchtime drawing; and *extra* special thanks to Jean Fennacy and her Petunia's Place bookstore for supplying DESSERT ... Klondike bars and Drumsticks ... Could there *be* a better end to a perfect day?!

Lisa Nelson, KG6SZA

A note from our grand prize winner

Rob,

I just wanted to express my appreciation for the GREAT Hamfest prize that I received from The Fresno Amateur Radio Club! I'm sorry that other commitments kept me from attending, your Club Website pictures show that it was well attended. Thanks for letting Jerry Thompson bring the FT-897-D to me in Oakhurst. When Jerry called to tell me that I had won the main prize, I asked him if this was April Fools' Day!

I haven't yet had time to get it installed, but am looking forward to exploring its' many functions. It is a lot more advanced than the FT-757GX that I've been using for over 10 years! I especially want to try out the SSB/CW modes in VHF and UHF, and the better receiver filtering will be enjoyed.

Tnx & 73,
John, WA6LTO

A Message from the Treasurer

As you know, there has been mention of a dues increase for the upcoming year (2006). After much discussion, the board of directors has decided to ask for a membership increase to \$20, up from the previous \$15. It has been several years since the club has had a dues increase. With that being said, your board would like you to think about it and come prepared for discussion at the October meeting.

My second item for discussion is my brief accounting wrap-up following Hamfest. Briefly, as you may or may not know, the club suffered a sizeable financial loss when the numbers were crunched after last year's event. In contrast, this year's gathering looks to be a success from a dollars-and-cents standpoint. While I await one outstanding invoice and don't have a final figure at this writing, it looks like we may be able to report a small profit, or worst case scenario, a loss of under \$50. We can attribute this to a solid team in place and a budget that we followed. To put on an event like we did and break even is fantastic. Congratulations to the Hamfest team on a job well done.

Jim Nelson W6ALE, FARC Treasurer

2005 Fresno Amateur Radio Club Membership List

aa6id	John McCullough	kf6hnf	Patricia Pack	w6qon	Stephen R Weber
aa6iz	Rudy Rulloda	kf6kda	Michael Garcia	w6ruj	Bob Bondurant SK
ac6dk	Richard Kullberg	kf6lxb	Terry E Horak	w6te	Dave Smith
ac6lt	Jack Baker	kf6pou	Michael Pedersen	w6vps	Paul Sullivan
ac6ws	Leland Rhoys	kf6qjm	Paul Storvold	w6wyt	Paul Lambert
ae6er	Kevin Perry	kf6zdw	Leroy "Jay" Flaherty	w6xc	Berge Bulbulian
ae6ge	Robert Mavis	kf6zxo	Gus Keith	w6yde	Michael Bavoso
ae6qp	Paul Heins	kg6alg	Phil Cover	w6yep	Pat Fennacy
ae6qr	John McGraw	kg6dak	Marlene Keith	w6yls	Jim Mc Bee
ae6rx	Scott Anderson	kg6hte	David Blevins	wa6ior	Donald Adams
ae6sx	Daniel Pruitt	kg6kyt	Marci Jarvis	wa6nif	James Erbe
aj6x	Donald Burr	kg6kyu	Tom Jarvis	wa6oib	Ken Holden
k0reo	Gilbert Hernandez	kg6mmi	Jean Floro	wa6ptg	James "Burt" Wilcox
k2vco	Vic Rosenthal	kg6mmj	Catherine Floro	wa6rts	Robert Airhart
k6aab	Steven Brunt	kg6mto	Matthew Floro	wa6vzm	Gwynne Holden
k6anm	Verne Johnson	kg6qhl	Robert J Mavis	wa6wqg	Charles Barrow
k6bd	Ramon Floro	kg6qny	Marcus Beedle	wa6yyy	Douglas Johnson
k6esl	John McConnell	kg6syy	Eric Huselid	wb6c	Ken Walsh
k6fge	Ted Miller	kg6syz	Elizabeth Huselid	wb6cxx	James K Harter
k6mi	John Morrice	kg6sza	Lisa Nelson	wb6eyc	Harvey Smith
k6paw	Paul Ward	kg6usy	Arron Lusk	wb6gbs	Bennet P Haman Jr
k6pko	Jerry Chandler	kg6vwh	Kathleen Jones	wb6gjj	Dave Finley
k6pya	Andrew Bondurant	kg6yle	Darin Land	wb6qdn	Rodney Benson
k6qpe	Nick Hauck	kg6ylf	Nick Hirscher	wb6qyf	Robert Buchanan
k6ree	Richard Essegian	kg6ytd	Michael Donaghe	wb6ucq	Raymond Firth
k6ry	Andy Reistetter	kg6yys	Gary Davis	wb6vaf	Arlen Van Fossen
k6wn	Benny Williams	kg6zo	William R Sutton	wb6vrj	Stuart Home
k6xj	Perry Foster	ki6jq	David Hatch	wb6zbx	Jeffery Huselid
k6yln	Dennis Freeman	ki6os	Karen Stoker	wd6dgr	Thomas Whitlock
ka6ace	Ed Kraft SK	kk6lt	Robert Gonzales	wl7cw	Charles Beaudreault
ka6srn	Pat Kraft	ko6jl	David Dawson	ws6x	Jim Clymer
ka6y	Rick Fornes	n6bww	Frank Bowen		Patty Kenny
ka6z	Thomas Kipps	n6dbh	Varoujan Kalinian		Mrs. Isabel Lion
kb6gfd	Dennis Thompson	n6fub	Richard Polson		
kb6lmd	Brian Hirscher	n6jmk	Jim Klassen		
kb6pjm	Duane Kepler	n6jqw	Fran Ross		
kc6dvj	Patricia Williams	n6rpy	Harold Murdock		
kc6lpl	Edward Cutler	n6suz	Tim Bornemann SK		
kd6ahf	Bill Bliss	n6va	Vaughn A Jupe		
kd6dry	Monty LaMont	na6g	Steve Bassett		
kd6yay	Larry Cottom	w0pjd	Joe Capell		
ke6cz	Gary Payne	w6ae	Red Stillman		
ke6dk	John Stewart	w6ale	Jim Nelson		
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ke6yjc	Ted Freitas	w6jxy	Jacob Mirigian		
kf6cl	Harold Reeks	w6keg	Jerry Jackson		
kf6fig	Bob Sawyer	w6ntk	Grant Storey		

*Please note: Ted Miller
k6fge is now w6tlm.*

Thank you for your support of
the Fresno Amateur Radio
Club we hope you will con-
tinue for many more years.

The Board of Directors

THE DX CORNER
By
Charles McConnell W6DPD

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 \$0.60 for each envelope to the address above. They will put 1 unit of First Class postage on the envelope.

The Fall DX Season

The best conditions for DX are in the spring and fall. This has to do with the number of hours of daylight and darkness and the angle of the sun with respect to the earth. This affects the ionosphere, which controls propagation. During daylight the ionosphere is pushed closer to the earth, which shortens the skip distance on lower frequency bands and allows some skip on 15, 12, and 10 meters. During darkness, the ionosphere expands away from the earth, so the distance is farther from the earth so the lower frequencies have longer skip distances. The summer and winter months are less desirable times for DXing.

The fall contest season will soon be here, with various state QSO parties including California's the first weekend of October, the CQ Worldwide DX contests in October (SSB) and November (CW), ARRL Sweepstakes in November and the ARRL 160 meter and 10 meter contests in December.

In late fall, there is long path propagation to India (VU), Sri Lanka (4S7), Pakistan (AP), Bangladesh (S2) and the entities in that area in the afternoon and evening hours. You point your antenna south to go after the DX.

There is long path propagation to Europe in the mornings and evenings depending on the bands. You point your antenna over Australia for this path.

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

There is a nice article on getting started on Log Book of the World on page 50 of the September 2005 QST.

There are a number of DX operations planned for the second half of 2005. Wake Island (KH9) will be activated from September 19 to 30. Kure Island, KH7K, will be activated from September 22 or 24 to October 8. Glorioso is scheduled for October-November. VK9XG (Christmas Island) is scheduled for Oct. 24 to Oct. 15 and VK9CC (Cocos Keeling) is scheduled for November 7-21. Peter I Island will be activated in January- February

2006. This is the third operation from this rare one. The 2006 International DX Convention is April 21-23, 2006 at the Holiday Inn at Visalia.

Good Luck.

Editors note:

This is the last of a series written by our own Chuck W6DPD. I would like to thank him for taking time to write for the SKIP.

Jim W6ALE



"This is the new RF exposure monitor device I came up with. When you reach the maximum cumulative exposure, the red center pops out.

My wife says it's perfect for a turkey like me."

SAN JOAQUIN VALLEY SECTION Report for the Contest.
month of July 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, Merced and Calaveras Counties. Contact N6ZFN (n6zfn@ares-races.net) or W6DPD (w6dpd@arrl.org) if you can help.

The California QSO Party is October 1-2, 2005. Try to be on the air and activate your county. Check www.cqp.org for information. This is the best of the state QSO parties. This is your chance to be searched out on the air for contacts.

Pacificon 05 will be October 14-16, 2005 at the San Ramon Marriott. Check www.pacificon.org for information. The Annual Turlock ARC Auction is October 22, 2005. Check www.w6bxn.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.

It is my sad duty to report that W6JBH and KC6TVD are Silent Keys. They will be missed.

Congratulations to AJ6X on 60 years of ARRL membership.

Congratulations to XE1L on winning the Don Wallace, W6AM, Memorial Award sponsored by the Central California DX Club. The plaque commemorates the highest score on 14 MHz worldwide by a single operator in the ARRL International SSB DX

Congratulations to KO6QZ, on completing the ARECC Level 1 course and to W6MSU on completing the ARECC Level III course. There is still some grant money for fee reimbursement available but you must register for the courses very soon.

SJV Section stations W6TE, W6GMT, and KF6KDA placed first, second, and third in the in the 2005 ARRL VHF Sweepstakes Contest.

SJV section stations KA6BIM, WK6I, and AA6K placed first, second and third respectively in the 2005 ARRL International SSB Contest.

Congratulations to SJV stations WK6I, K6CSL, W6TE, and W6BAR on making good scores in the 2004 CQ Worldwide SSB Contest.

NN6NN was the top scoring U.S. Multi Single team in the 2005 CQ WPX RTTY Contest.

W7MH made the DXCC Honor Roll. Congratulations on this achievement.

WA6YEE has confirmed 300 DXCC entities.

N2AVR has been working DX on 6 meters.

Congrats to Bill Burns, WA6QYR, on being featured in an article on clubs in the August 2005 CQ Magazine. Bill was representing the San Bernardino Microwave Society.

KG6KYU won a MFJ Antenna Analyzer at the Fresno ARC picnic.

Traffic for July: K6RAU 16, and N6SUZ 78; Total 94. PSHR K6RAU 72, N6SUZ 100.

Thomas L. Whitlock



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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.

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



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| Breadboard | Gain | Mobile | Repeater | |
| Cathode | General | Morse | Resistance | |
| Circuit | Hammarlund | Multimeter | Sawtooth | |
| Coaxial | Helical | Neutron | Scanner | |
| Collins | Homemade | Notch | Schematic | Good Luck! |
| Conductor | Hustler | Novice | Speaker | |
| Current | Imbalance | Oscillator | Static | |
| Darlington | Infrared | Overload | Student | |
| Digipeter | Interface | Packet | Surge | |

F.A.R.C. DUES ARE \$15.00 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 783, Fresno, Ca. 93712-0783.

**Upcoming 2005
 Fresno Amateur Radio
 Club
 Activities and Events**

Sept. 6th – Board meeting
Sept 9th – Membership meeting

2005 F.A.R.C. MEMBERSHIP APPLICATION

Date _____

Name _____ 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



FRESNO AMATEUR RADIO CLUB, INC.
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Send To: