



July 2005

Fresno Amateur Radio Club Newsletter

Volume 66, Issue 7

Our next general meeting will be on July 8th at Cedar Lanes at Cedar and Shields. The meeting starts promptly at 7:00 pm. The next board meeting is July 5th 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.

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### **2005 FARC BOARD MEETING DATES**

AT 7 PM—Woodward Park Regional Library  
July 5th

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### **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**

Happy Summer Everyone,

Hope you are enjoying the good weather and mild temps so far this summer. We've got lots of stuff going on this summer.

I am writing this article the Saturday of Field Day this year. Hope to see some of you up there. Sounds like we have some competition going. Not only between the SSB, GOTA and CW teams, but between some local clubs too!!! Good luck and have a great time!

The Club Picnic is coming up, as well as Hamfest. The Hamfest committee is hard at work to create another great FARC event, but we always need more help. Please contact Lisa KG6SZA or Marcus KG6QNY if you would like to help.

Remember, these events are all run by volunteers from within the club. The club and its events are what we make of them, so please help out if you can.

Please help us out! We need to know what YOU, the club members, would like to see for upcoming meeting programs. If you have any ideas, please let one of the Board members know.

See you at the next meeting!  
73, Rob - AE6GE

Fresno Amateur Radio Club, Inc.

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

**2005 FARC BOARD OF DIRECTORS**

<b>President:</b>	Rob Mavis	AE6GE	ae6ge@w6to.com	360-2505	12/31/06
<b>Vice-President:</b>	John Morrice	K6MI	k6mi@w6to.com	275-7373	12/31/05
<b>Secretary:</b>	Dave Smith	W6TE	w6te@w6to.com	323-6095	12/31/06
<b>Treasurer:</b>	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 W6TE .....323-6095

**Education/Scholarship Chairman:**

Ted Miller K6FGE .....431-1441

**Hamfest Co-Chair:**

Lisa Nelson KG6SZA.....447-5422  
 Marcus Beedle KG6QNY .....360-7444

**Net Manager**

John Morrice K6MI .....275-7373

**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
- \* *Amateur Exams, 9 a.m.*
- \* Luncheon with Keynote Speaker

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



### 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.

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

## W6TO Repeater Gets New Home

Thirty four years of history was changed in 3 hours 5 minutes on May 12, 2005. The Fresno Amateur Radio Club repeaters were unplugged, loaded onto pickup trucks and relocated. The two meter repeater was back on the air shortly after 3:00 p.m. Ken Holden (WA6OIB) and Paul Lambert (W6WYT) handled the electronic side of the relocation. The remainder of the crew worked on removing the 440 and 220 antennas. They await reinstallation when the associated repeaters are reactivated. The new location at Meadow Lakes is about one-quarter mile from the Channel 30 property.

FARC now rents space (for a nominal fee) in the new transmitter building belonging to Carl Beckman and Al Kinney. Beckman and Holden worked together to hang the new repeater antenna and attach three runs of brand new 7/8th inch hardline coax. The new antenna is a TeleWave 150D69. It was donated by Pat Fennacy (W6YEP). It is valued at \$800.00. This is the second commercial antenna Pat Fennacy has donated to the club.

The new coax was obtained through the efforts of Paul Lambert who also purchased the many special mounts required to secure the coax to the tower.

In 1984 Chuck McConnell (W6DPD) donated the hardline coax which served the club repeater up to the hour of the move. The 220 and 440 repeaters are awaiting the antennas before they can be fired up and returned to the air. A work crew must also return to the KFSN site and remove the Rohn tower which held the 440 repeater antenna. Another tower on the roof of the repeater building was abandoned. One of the building's tenants put a link antenna on the club tower. To avoid any difficulties over the issue the tower was left in place.

The move was prompted by several issues some of which are clouded in mystery and innuendo. However, among of the primary reasons for relocating was to have easy access to the club's equipment. In the past year KFSN authorities required one of its staff engineers to be on site whenever club technicians wanted to service the FARC equipment. It became increasingly difficult to honor this requirement. The rumor that Disney Corporation (owner of KFSN) would soon be sending a written notice to FARC to leave the premises has not come to pass.

Club members and fellow amateurs who also assisted in the move:

Rod Benson (WB6QDN), Charles Beaudreault (WL7CW), Gerry Chandler (K6PKO), Jim Clymer (WS6X), Jim Erbe (WA6NIF), Pat Fennacy (W6YEP), Ken Holden (WA6OIB), Tom Jarvis (KG6KYU), Paul Lambert (W6WYT), Darin Land (KG6YLE) and Ted Miller (K6FGE)

### Editors Note:

I would like to thank Paul Sullivan W6VPS for his research into the club repeater and writing this article. Thanks Paul!

**Don't forget the club picnic July 23rd at Ken Holdens house. See you all there!!!!**



*Paul W6VPS and Ken WA6OIB atop the tower removing the antennas from the old repeater site.*

### A Dream Comes True – FARC Receives 5 KW Generator

“Hey, you want a 5 KW generator for the club? I hope so because I’m on the way over with it and I’ll need help unloading it.” With those words Ken Holden let us know the club would soon have a nearly new generator. In short order it was deposited at Ted Miller’s house. Within two weeks it was mounted on a small utility trailer and ready for use at Field Day.

The generous donation came from KFTV General Manager, Maria Gutierrez. The station needed to equip one of its mobile vans with a larger generator and the club became the beneficiary of the upgrade thanks to the efforts of Holden.

The gift of the generator sparked the monetary generosity of fellow amateurs some of whom are not club members. Donors of money, time and/or talent:

Charles Beaudreault (WL7CW), Jim Clymer (WS6X), Perry Foster (K6XJ), Bob Hervatine, (W6FRH), Ken Holden (WA6OIOB), Tom and Marci Jarvis (KG6KYU & KG6KYT), Darin Land (KG6YLE), John McGraw (KF6SVI), Ted Miller (K6FGE), Jim & Lisa Nelson (W6ALE & KG6SZA), Ralph Saroyan (W6JPU) and Paul Sullivan (W6VPS) and Johnny at Grainger Industrial Supply for donating the shock mounts.



Ted Miller K6FGE standing behind the new club generator. I think he's proud of the job he and the guys did! A job well done!

### FARC Semi Treasurers Report Profit & Loss

Jan 1 - Jun 13, 05

**Ordinary Income/Expense**  
**Income**

- 500 · INCOME 501 · Contributions Income 175.00
- 510 · Membership Dues 1,440.00
- 512 · Interest Income 6.65
- 513 · Miscellaneous Income 4,318.01
- 515 · Papers & Cans 128.90
- 516 · Raffle Tickets 1,345.00
- 518 · Refreshments 112.60
- Total 500 · INCOME 7,526.16**

**Total Income 7,526.16**

**Expense**

- 800 · EXPENSES**
- 802 · Awards, Raffles, Prizes 666.03
- 808 · Vehicle Expense 219.43
- 820 · Hamfest 439.49
- 825 · Printing 201.66
- 837 · Licenses and Permits 20.00
- 840 · Fresno Bee 39.00
- 843 · Maintenance & Repairs 200.00
- 845 · Miscellaneous 288.39
- 847 · Office Supplies 16.71
- 850 · Postage and Delivery 111.00
- 863 · Refreshments 65.29
- 865 · Rent 100.00
- MiniSto · Trailer 267.58
- Storage · Central Mini Storage 28.80

**Total Expense 2,663.38**

**Net Ordinary Income 4,862.78**

**Net Other Income Jimmy Wakefield Estate sale 315.00**

**Net Income 5,177.78**

**Club totals**

- Savings to date: \$5,143.18**
- Checking to date: \$5,313.20**
- Petty cash to date: \$50.00**
- Total to date \$10,506.38**

*Treasurers Note:*

*The club is now once again on solid financial ground. The membership should be proud of what you have accomplished so far. Let's hope the 2nd half of the year is just as profitable as the 1st.*

**Logbook of The World** - One of the neatest features of LoTW, and in my opinion, one of the most compelling reasons to set up an account, is the ability to access your DXCC account online. When you open a LoTW account, you will have the opportunity to link your LoTW records to your DXCC account. Online DXCC access is currently still under development, and the release date is unknown. Happily, LoTW gives you that capability right now. Interestingly, you don't actually have to add any QSOs (contacts) to LoTW. You simply set up the account and then link to your DXCC account.

Further, another big attraction with LoTW is the ability to receive QSLs (confirmation) for the contacts you've made, without having to actually send a QSL card via snail mail. This really helps reduce the cost of getting those awards up on your wall.

I know some of you "old-timers" haven't yet started computer logging. No problem. LoTW comes with a utility that will allow you to upload QSOs in small batches -- even one-at-a-time if you chose. You do this by manually typing in the required information for each contact. Sound like too much trouble? Yes, it requires a bit of time, but once you get your rhythm you'll be surprised how quickly you can get a dozen or so contacts into the log! (My guess is that by the time you enter several handfuls of QSOs manually, the bug will have bitten, and you'll be shopping the ham magazines, comparing the latest computer logging programs.)

For you whiz-bang techies, most current logging software packages will automatically upload your QSOs to LoTW, right from your electronic log! The software will access your password-protected LoTW account via the Internet, then extract the QSOs you specified from your log, convert the file to the format required by LoTW, and finally upload the file, all in one operation! Pretty slick!

How do you receive confirmation for your QSOs via LoTW? Simple enough! Every time you upload your contacts to LoTW, your records become part of a massive, world-wide logbook. As you upload your QSOs, the LoTW data management software scans the entire database, looking for existing records from other hams, that list YOUR callsign as the station worked! Whenever the computer finds matching records (date, time, band and mode all match) your LoTW account shows a "QSL" for that contact. You can then pick and choose which QSLs you want to apply for DXCC credit.

I personally have received several LoTW QSLs which I was unsuccessful getting using normal postal mail. I also received confirmation for one over-all new country via LoTW. Your mileage

will vary, of course, but over-all, out of 17,042 QSOs I've uploaded to LoTW, I have received 1,219 QSLs. Just in LoTW, I have qualified for DXCC, and 3 individual band DXCC awards, and my DXCC Challenge totals stand at 771. WOW, when I think of all the \$\$\$\$ I spent over the years on airmail postage, green stamps, etc!!

If you are interested in LoTW but feel a bit uncertain -- or even just need to ask a question or two -- I'll be very happy to help. Give me a jangle, and we'll see if we can get you up and running! I can also help with choosing a computer logging program. (Naturally, paid FARC members will receive first priority!)

Thanks,  
Jim WS6X  
292-8353



## THE DX CORNER

By

Charles McConnell W6DPD

## The Value of DX Contests

DX contests are a good way to increase your DXCC entity total. The popular DX contests are the CQ 160 Meter Contest, CW in January and Phone in February. ARRL RTTY Roundup in January ARRL International DX Contest, CW in February and Phone in March; the CQ WPX (prefix) Contest, RTTY in February, phone in March and CW in May; and the CQ World Wide DX contest, RTTY in September, phone in October and CW in November. The All Asia DX Contest is in June (CW) and September (Phone). The IARU HF World Championship and the IOTA Contest take place in July. With good conditions and a modest station it is very possible to contact over 100 DXCC entities. The Worked All Europe DX Contest CW is in August, SSB is in Sept., RTTY is in November. The ARRL 160 Meter (CW only) and 10 Meter Contests are conducted in December.

There are other DX contests sponsored by various organizations around the world. There are contests for RTTY, PSK 31 and other modes. There is something for everyone. You can check the Contest Calendar in QST, the CQ contest calendar, the National Contest Journal for scheduled contests. ARRL members can subscribe to the Contest Rate Sheet in the members-only portion of the ARRL web page. This newsletter is published twice a month. You can check the Contest Calendar on the ARRL web page, [www.arrl.org](http://www.arrl.org), in the contest section and /or the contest calendar on the CQ web page, [www.cq-amateur-radio.com](http://www.cq-amateur-radio.com) for more information.

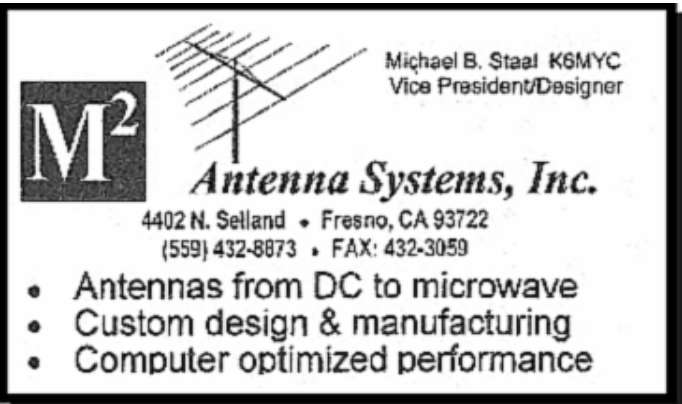
There are contests every weekend so you can make contacts for many of the awards that are available to you. Many state QSO parties are held during the year. Check the contest calendar in QST or CQ Magazine for the schedules. This is also a good way to get that missing state for your WAS Award.

Six Meters is providing opportunities for the deserving to work DX by sporadic E propagation. From the west coast, Alaska, Hawaii, and the Caribbean can be contacted as well as mainland states and Canadian provinces. On VHF and up the emphasis is on contacting different grid squares. Sporadic E propagation usually ends sometime in July for us but continues into August east of the Rocky Mountains.

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

There are a number of DX operations planned for 2005. In June-July, St. Paul Island, CY9SS, is 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. Peter One Island is ready to go in January 2006.

Good Luck.



Michael B. Staal K6MYC  
Vice President/Designer

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***The club would like to extend our sympathy to the families of the following Silent Keys. We lost 2 members in the month of June. Ed Kraft KA6ACE and Bob Bondurant W6RUJ. They will be missed.***

Thomas L. Whitlock



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If there is anything you'd like to see in the Skip please let me know. If you have a want ad or an article you'd like to share, please do it. Email is [w6ale@comcast.net](mailto:w6ale@comcast.net) or you can snail mail me at p.o. box 783 Fresno, Ca. 93712. I would like to hear from all members, with items for sale.

## ARRL Section Report

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.

Thanks to N3TNO for serving as the EC for Merced County. Good Luck on your move east.

Field Day is June 25-26, 2005, the fourth full weekend of June. Plans for the event should be nearing completion at this time. There are some rule changes for 2005 so download your FD packet from [www.arrl.org/contests/forms](http://www.arrl.org/contests/forms). Be sure to collect all the bonus points you can for you organization.

Mark your calendars. 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](http://www.californiahistoricalradio.com) for information. Check their events page. The Fresno Hamfest is August 13, 2005. Check [www.w6to.com](http://www.w6to.com) for information. Pacificon 05 will be October 14-16, 2005 at the San Ramon Marriott. Check [www.pacificon.org](http://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](http://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.

The San Joaquin County ARES is sponsoring a month long program to help hams learn the Morse Code. Contact [n5fdl@arrl.net](mailto:n5fdl@arrl.net) for information.

It is my sad duty to report that N6FUO, WF6N, KF6MZE and NOBGU became a Silent Keys. They will be missed.

Congrats to Wendy Wigh, AE6RL, on winning a scholarship from the ARRL Foundation. Way to go Wendy!!

Stockton-Delta ARC members provided communications for the March of Dimes Walk America.

TCARES members provided communications for the Old Mill Run in Columbia. Some members marched in the Mother Lode Roundup Parade.

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.

Congratulations to AE6QP, W6DOU, N5FDL, KN6XW, KC6WCT, and N6WIG, on completing the ARECC Level 1 course and to AE6SX on completing the ARECC Level II course.

Congratulations to W6FAH on achieving US-CA All counties. This is quite an achievement. There are over 3000 counties in the United States and the award requires QSL cards.

In the 2005 ARRL RTTY Roundup SJV Section stations NN6NN, WK6I, and AK6DV placed 1st, 2nd, and 3rd respectively.

In the 2004 ARRL 160 Meter Contest SJV stations KA6BIM, K6YK, and K6VOA placed 1st, 2nd, and 3rd respectively.

In the 2004 ARRL 10 Meter Contest SJV stations KA6BIM, W6TE, and N6IIU placed 1st, 2nd, and 3rd respectively.

W6DPD took first place in the SJV for the 2004 ARRL Phone Sweepstakes for single op low power with WC6H taking single op high power, W6XK multi-op, KB6QIT single op QRP, and N6NZ unlimited

Traffic for May: K6RAU 20, N6SUZ 97 and W6DPD 1; Total 118. PSHR K6RAU 75, N6SUZ 100.



## 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. 2485 San Ramon Fresno, Ca. 93740*

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**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

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

**July 5th – Board meeting  
July 8th – Membership  
meeting**



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

Send To: