

A Fresno Amateur Radio Club Newsletter April, 2018 Volume 81, Issue 4



Meeting location! East of Hwy. 41 on Shaw Av. 7 P.M. on the second Friday of the month at the University of California Center at 550 E. Shaw.

FARC General Meetings

are held the 2nd Friday of each month, 7 p.m. at the University of California Center on Shaw Ave. unless otherwise noted. Stay tuned in for new announcements.

2018 FARC BOARD MEETING DATES 1st Tuesday of each month, this month at WB6VRJ's QTH.

FARC Nets

Morning Drive Time Net: Weekday mornings-7:30— 8:00 a.m. W6TO/R 146.940

FARC Net:

Sundays @ 7:00 pm W6TO/R 146.940

Web page: W6to.com



The March meeting had great deserts, and celebrated birthdays, some of which are mentioned above. April birthdays are on page 4.

It is time to renew membership, remember to send in your dues, or bring them to the next meeting!

President's message:

Here it is the First of April, and I am enjoying no one fooling me. I am myself fooling around with Ham Radio, And I hope you are too. Went to church this morning-and it was a great time-good people and such a sunny day! All of you I trust had a great morning, followed by a great Family Meal-and lots and lots of chocolate bunnies and hard-boiled eggs. I certainly hope your Eggs were hard-





boiled.

WB6VRJ

I have heard some good things about band openings and good things about other types of operations, and that is positively good.

It was simply great to welcome some new hams and visitors at last months club meeting-y'all come back, Hear?



April Meeting- Hacking the Kill A Watt How to modify the plug-in watt meter for a new use. And how to use the modified meter.



Dave, KA6VTA was the first prize winner at the March meeting raffle.

On the left is Dean, AF6MC, who gave a great talk about power connectors, and showed an amusing video which elicited laughter and groans from the group at the March meeting.



FARC

Send your dues check to FARC, PO Box 5912, Fresno 93755-5912 Refer questions to Joe/WA6FFJ 288-2202 Board meeting on the first Tuesday at Stu's place.

AMATEUR RADIO EXAMS IN FRESNO

Exams given for
TECHNICIAN, GENERAL, and AMATEUR EXTRA
Sponsored By the
FRESNO VE TEAM
And The
FRESNO AMATEUR RADIO CLUB, INC.

2018

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

May 19 August 18 Nov. 17

LOCATION: Salvation Army Fresno Citadel, 1854 Fulton Street, Fresno CA 93721

DIRECTIONS: From North or South of Fresno, Take Highway 99 to Highway 180 east. Go east on 180 to Fulton Street off ramp. Turn right on Fulton Street. Go south on Fulton across Divisidero to Sacramento Ave. Turn left on Sacramento Ave and park. You have arrived.

Theory exams are multiple choice. First Class 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 are posted to the FCC database by the end of the second week following the exam.

BRING. Two ID's, one with photo. Taxpayer ID Number (Social Security Number), or FCC Registration Number (**preferred**). Fee **\$15.00** per test session. Bring exact change. **Original** and **copy** of **Amateur License**. Talk in on 146.94 repeater.

Walk in's only, no pre-registration.

More Info?? Contact Charles, (559) 431-2038

2018 FARC BOARD OF DIRECTORS

FARC Officers and Board members:			
Stuart Home, WB6VRJ President	wb6vrj@w6to.com	(559) 485-8659	12/2019
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•		•	•



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Joe, WA6FFJ Secretary

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k6usy@w6to.com

(559) 301-1022

Skip Editor

John Morrice, K6MI

k6mi@pacbell.net (559) 275-7373

Breakfast on Saturdays at Blueberry Hill located at Blackstone North of Shields, starting at 6:30 A.M.. Join the DX'ers and all the area hams for breakfast

Also Breakfast every Tuesday at 8 A.M. at *Denny's* near Shaw and West.

The Quarter Century Wireless Association Lunch is held on the fourth Tuesday of the month at Jeb's Blueberry Cafe on Blackstone at 11:30 to 1 P.M..

The Thursday ham radio lunch get-together meeting location is:

<u>Jeb's Blueberry Hill</u>

<u>3851 North Blackstone Avenue</u>

Fresno, CA 93726

Send Skip items to Skip editor John Morrice, K6MI at: k6mi@pacbell.net

You can download this and past Skip issues under the Document Archive menu by visiting **w6to.com**.

Be a net control op! Contact Joe, WA6FFJ at: nailbender@unwiredbb.com.

Support our advertisers in SKIP. They support us not only in revenue for the club but they also allow us space on the counters and shelves for copies of SKIP and other club announcements.

Event-Date

April 28 Saturday 10 A.M. Hidden Tx Hunt

April 13 Friday 7 P.M. FARC Meeting

April 20-22 DX Conention

April 28 Turlock Auction Sat. (W6BXN)

May 11 Friday 7 P.M. FARC Meeting

June 8 Friday 7 P.M. FARC Meeting

June 9-10 VHF Contest

June 23-24 FD

July 13 7 P.M. FARC Meeting

Aug. Club Picnic

San Joaquin Valley Nets:



The Noontime net meets on 7.268.5 MHz. This net handles a lot of messages.

Daytime Region 6 Traffic Net meets daily at 3:30 pacific time on or near 7.275 MHZ. This one is probably not in operation at this time.

The California Traffic Net meets daily on 3.906 MHZ and 6:00 PM local time.

The Golden Bear Amateur Radio Net meets nightly at 7:00 PM local time on 3.975 MHZ.

Northern California Net (NCN), the Section Traffic Net, meets nightly on 3.533 MHZ at 7 PM Pacific Time.

San Joaquin Net meets Monday-Saturday on 3918khz, at 6 PM Pacific Time

Western Public Service System (WPSS) meets nightly on 3952khz, roll - at 7:30 PM local Pacific Time.

The Mission Trail Net meets nightly on 3.856 MHZ at 8:00 PM local time

Northern California Net 2 (NCN2) The slow speed training session of NCN, meets nightly on 3.533 MHZ at 9 PM Pacific Time. Handling traffic on CW is a good way to improve your CW skills.

Local Amateur Radio Repeaters

	Local / tillaccal	Tadio Repeate	,. <u> </u>	
<u>Organization</u>	Call Sign	Frequency	Offset	<u> </u>
CARP	K6ARP	147.675	-	141.3
CARP	N6JXL	224.380	-	141.3
CARP	K6ARP	444.725	+	141.3
CARP	NI6M	440.350	+	141.3
CONDOR	WB6BRU	224.900	-	156.7
FARC	W6TO	146.940	-	141.3
FARC	W6TO	223.940	-	141.3
FARC	W6TO	444.200	+	141.3
BRA	W6FSC	145.230	-	141.3
BRA	W6FSC	443.450	+	141.3
KINGS ARC	N6CVC	145.110/444.95	_	100.0
NC9RS	NC9RS	927.6625/902.0125	; <u>-</u>	146.2
MADERA ARC	W6WGZ	147.180	+	146.2
MADERA ARC	W6WGZ	441.175	+	146.2
QCWA	WQ6CWA	146.850	_	141.3
QCWA	WQ6CWA	443.250	+	107.2
RACES	N6HEW	147.150	+	141.3
SJVARS	KE6JZ	146.820	_	141.3
TURLOCK ARC	W6BXN	147.030	+	100.0
W6NIF	W6NIF	444.100	+	100.0
WINSystem	K6JSI	146.790	_	100.0
WINSystem	K6JSI	444.250	+	100.0
CVRC	K6WGJ Fresno Low	145.43	+	141.3
CVRC	N6VRC Meadow	147.165	+	141.3
CVRC	N6VRC Meadow	440.025	+	141.3
CVRC	N6VRC Santa Rita	147.285	+	141.3
CVRC	N6VRC Santa Rita	442.275	+	141.3
CVRC	N6VRC Visalia	442.525	+	141.3
CRVC	N6VRC Porterville	443.825	+	141.3
CVRC	K6WGJ Fresno Low	444.975	+	141.3
CVRC	N6VRC Bear Mt.	443.950	+	141.3
CVRC	N6VRC Mt. Bullion	442.350	+	141.3
CVRC	Bear	927.05	+	141.3
Meadow Lakes	WA60IB	146.61	-	141.3
WA6IPZ	WA6IPZ	52.84	-	82.5
-	-			

Remember to keep you dues current for both the attendance prize and the birthday and anniversary listings.

Birthdaydays

4/10 Perry K6XJ 4/11 Margaret K6LRW 4/22 Bob N2NS 4/25 Denny KD6HT

Anniversaries None listed for this month

Ten meter net, CW and Phone, every Wednesday 7 P.M. for CW at 28.140

8 P.M. for SSB at 28.445

This is a local net, the cw part run by KF6ZXO, and the SSB with various net control ops.. Have fun checking in on one or both modes.

Joe, WA6FFJ, is our net control operator for the W6TO nets.

The monthly attendance prize!



The attendance prize in March was won by AG6GI, who was present. Must be present to win. Next drawing will be \$10.



T-HUNT

Hello fellow hunters!

The first transmitter hunt of 2018 takes place on Saturday, April 28. Tom (N6MQG) is the fox this time around and he identified the start point as the Park & Ride at the NE corner of Hwy 180 & McCall Avenue.

The hunt begins at 10:00 AM. Please arrive early to sign in and receive any further details Tom may provide before the hunt begins.

MAP - https://www.google.com/maps/@36.7365441,-119.6095723,184m/data=!3m1!1e3

* If you are planning on attending, please send me an email - Rick@W6KKO.com

This will allow me to take a tally of hunters in attendance, or if the hunt should be postponed.

As always, please tune an additional radio to the C.A.R.P. Mile High repeater system to talk in, and to stay in contact during the hunt. Sometimes hints may be provided by the fox.

http://www.k6arp.org/repeaters/carp-repeater-system/

Marshal, WA6PRE, at the March meeting had just returned from a visit to VK (Australia) land, and showed us a display of Australian currency.

He enjoys his extended visits and has many ham friends down under.





THE DX CORNER

By Charles McConnell W6DPD

April 2018

"DX is the one you want but you don't have. That is the way it has always been, that is the way it will always be." Of the most recent DXpeditions, "If you worked it, it was the best DXpedition ever. If you missed it, it was probably not so good." "And so it goes."

All things are relative, some more than others. Thanks Hugh Cassidy, WA6AUD SK.

If you want help with DX, you can contact the local members of the Central California DX Club for some assistance. Charles W6DPD 431-2038, or Perry K6XJ 299-2802, can give you advice. The big thing about finding DX is to tune the bands.

The DX Breakfast is every Saturday at Jeb's Blueberry Hill Café, 3851 N. Blackstone Ave in Fresno. This group gathers about 06:30 AM. All are welcome.

Check out www.spaceweather.com and www.solarham.net for information on the solar cycle. The higher the solar flux and the lower the A and K Indices, the better the band conditions. As the solar cycle heads toward the minimum by the end of the decade, working DX becomes more of a challenge. The high bands become less useful until the solar cycle heads toward the maximum, some years from now. There were over100 sunspot free days in 2017

The address of the Sixth District QSL Bureau is P. O. Box 970, Fairfax CA 94978-0970. You can send up to 10 address labels and \$0.80 for each envelope to the address above. They will put 1 unit of First Class postage on the envelope. You can contribute \$10 or \$20 online using Paypal. If you work DX, you should have envelopes at the bureau so you can get your cards. You may be able to check your status at the bureau at http://www.gslbureau.org/

The ARRL Outgoing QSL Service has raised the rates, effective November 1, 2016, for sending ARRL members QSL cards to foreign countries. The new rate is \$1.15 per ounce, about 10 cards. There is now a \$7.00 transaction fee for each submission. Sending one ounce of cards (about 10) will now cost \$8.15. Ten ounces of cards would cost \$11.50 plus \$7.00.

U.S. Postage has increased on January 21, 2018. Overseas postage is still \$1.15 per ounce. Domestic postage is now \$0.50 for 1 ounce. Additional ounce for domestic mail is still \$0.21. Postcards are now \$0.35.

If you don't get a DX Bulletin and you belong to ARRL, you should register on the members only web page and check the box for the ARRL DX Bulletin. This one is emailed each Thursday. Or you can go to the ARRL web page in the News/ Bulletin section and view the bulletins there. You can also read the OPDX Bulletin or the 425 DX Bulletin on the web. Search OPDX Bulletin or 425 DX Bulletin to get the URL. You can subscribe to the Daily DX, or Weekly DX. These bulletins will keep you informed of DX operations and QSL information.

Continued from the last page

The following operations are scheduled:

Bouvet **3Y0I** is scheduled again. Date is not known at this time.

Djibouti **J28PJ** for 3 to 5 years

Ascension Island ZD8D maybe an October 2011 start

Ascension Island **ZD8AC** now for 2 years

Senegal **6W1SU** now for 2 to 3 years

Gabon TR8CA September 15 for 4 years

Rwanda **9X0TA** August 5, 2017 for 3 years

Rwanda **9X9PJ** now for 2 years

Macquarie Island **VK0TH** soon through March 2019

Honduras HR/F2JD February 15 to May 10, 2018

Franz Joseph Land RI1FJL soon until July 2018

Zimbabwe Z2LA March 2 to March 11, 2018

Franz Joseph Land R1FJ? September 1 to July-August 2018

Sri Lanka 4S7KKG November 1, 2017 to March 25, 2018

Burkina Faso XT2AW March 19 to April 10, 2018

New Caledonia FK/5B4ALX March 20 to April 4, 2018

Tuvalu T2AR April 8 to April 15, 2018

St. Brandon Island 3B7A April 5 to April 17, 2018

St. Barthelemy FJ April 18 to April 27, 2018

Togo **5V1JE** until May 2018

Lord Howe Island **VK9LU** May 11 to May 18, 2018

Temotu **H40** May 2018 for 5 fays

Mozambique C8T May 2 to May 15, 2018

Kosovo **Z68AA** and **Z68RBJ** May 14 to May 21, 2018

Svalbard JW4JSA now to June 1, 2018

Baker Howland KH1 June 6, 2018 to July 8, 2018

ST. Paul Island **CY9** August 2018

Trinidade **ZZOT** sometime in 2018

Christmas Island VK9X October 16 to October 30, 2018

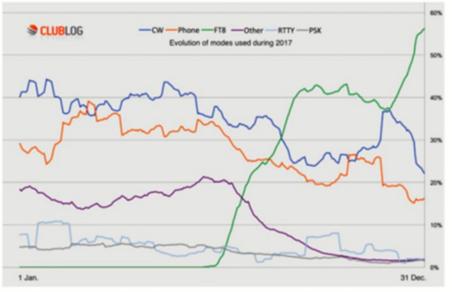
Ducie Island VP6D October 19 to November 3, 2018



Charles, W6DPD

Watch the DX Bulletins for up to date information. As the time for the operation is at hand, watch the DX Summit (www.newdxsummit.fi) for listings.

Modes used during 2017 - and the arrival of FT8



Club Log graph showing modes used by radio amateurs in 2017, and the emergence of the FT8 digital mode

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 and the WPX Award. WAZ will soon be supported by LoTW.

Good luck, tune the dial, and listen.

The chart on the right shows how FT8 has gained popularity vs. other modes. CW is remaining steady, with the biggest drop in JT-65.



EC Report for March 2018

Hello,

The schedule for the month of March: 4 Monday Night EmComm Nets, 1 EmComm Meeting,1 EmComm & Coffee, and 1 public service event.

ARES ID Cards

The County has not distributed ID cards for a period of time and subsequently new members do not have proof of identity with our organization.

If you do not have an ARES ID card, please contact me, and I will get one printed and in your possession.

I will send you an ID that will work in conjunction with a valid California Driver's License or California ID Card. Our new card will not need your picture or signature.

The Thought for the month

This last week I was looking through Facebook and noticed the diagram below that was posted by Bill Johnson (W6WGJ). This post made me think of the importance of the location of your antenna on your mobile. I had no idea that you could have such a dB loss just by locating you antenna in a bad spot on the vehicle. I would like to thank Bill for making this data available. Diagram is on page 11.

Fresno EmComm Net Changes

As of January 8, 2018, the Net Script has changed. Great care has gone into making improvements to the script to help keep interest and streamline the net. The net is basically the same information but in an improved format.

When you talk to Gary Greenberg (KI6OYW), thank him for all the hard work he puts into keeping the net going.

ANNOUNCEMENT, UPCOMING EMCOMM 2018 EVENTS

April 7, 2018 - California Classic Bicycle Ride & March of Dimes Walk April 21, 2018 - Hinds Hospice Angel Babies Walk May 5, 2018 - Kirch Flat Bicycle Ride June 30, 2018 - Climb to Kaiser Bicycle Ride September 8, 2018 - Tour de Fresno Bicycle Ride October 13, 2018 - Bass Lake Double Century Bicycle Ride

If you would like to volunteer to work one or more of these events please go to k6arp.org and signup. You can also email Rob Mavis at (AE6GE@ae6ge.com).

Remember that we use these public service events as training venues. We recommend that you participate in at least three events a year. Soon this will be mandatory for you to keep your ability to be deployed during a disaster. Remember that we want to have qualifications and operational levels for our operators. This will help when we are asked to perform mutual aid for other County ARES/RACES Groups. When they ask for help, they want our people qualified.

<u>Sanger Blossom Trail Run</u>

We helped the Carp Club with the Sanger Blossom Trail Run. Approximately 8 Fresno County ARES members participated with the communications for the event. We use these events to help our members improve their operating skills as well as working under a net situation. Besides the training it is a lot of fun.

EmComm Website

We are now posting events and meetings on the calendar as well as posting articles on the home page. Check us out at fcemcomm.org.

Net Control Staff Needed

We are looking for volunteers to take a turn as net control on Monday nights. This is not a difficult task. We will provide the preamble and net roster. This is a great way to enhance your skills running a net for emergency situations. If you are interested, please contact Gary (KI6OYW) at 559-269-1340 or email <u>g_greenberg@att.net</u>

Our Calendar

Don't forget the <u>Monday Night EmComm Net</u> at 19:30 hr. on the 147.15 MHz Pl 141.3. We have some good information and camaraderie. On the third Friday of the month there is the <u>EmComm & Coffee</u> at YFC on Cedar south of Ashlan in Granite Park at 07:00hr. And last but not least the EmComm

Meetings are held on the Fourth Thursday of month. Our next meeting will be March 22,

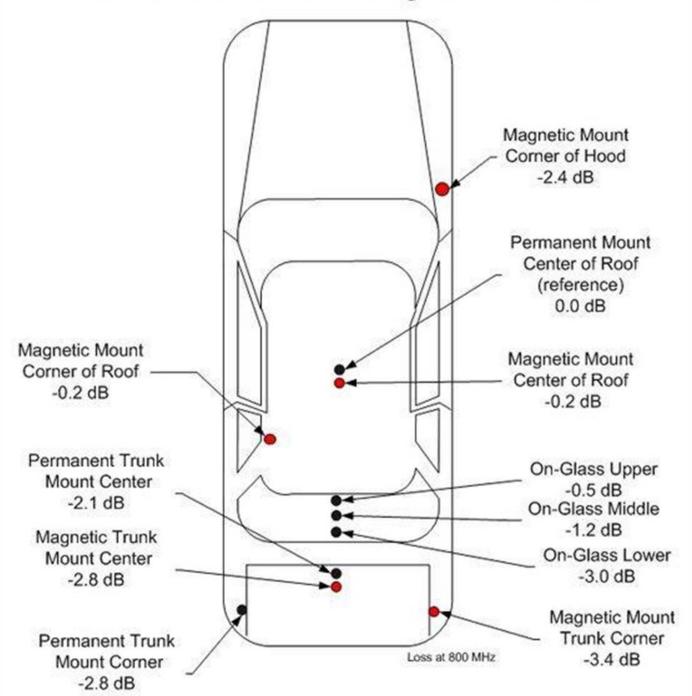
2018 at 1900 hr. at the Hinds Hospice Building, 2490 W. Shaw Fresno

Best of 73's GLEN CAINE (N6HEW)
Fresno County ARES EC/ RACES Officer 559-999-7590 N6HEW2@gmail.com



Pay, W6YEP, with an antenna for the 47G ham band. He is looking forward to making a system for that band for use in the vhf contests. A 24g system was successfully added for the contests, and now the plans are to go higher.

Mobile Antenna Mounting Consideration



A typical 5/8 wave 145 MHz (2 meter) antenna requires a ground plane of at least 42" in diameter. At 450 MHz just 15" is required and at 800 MHz a minimum of 8" is considered sufficient.

In terms of mounting mobile antennas on a vehicle, there are five general locations: the roof, front fender, rear fender, trunk and rear window glass (although other glass mount locations may be used). Of these, the center of an automobile roof is considered the best for mobile antenna placement, followed by the center of the trunk lid, the fenders, and then on-glass mounting.

Our club members active on the air:

For those of you interested in or already hooked on the new FT8 digital operating mode using WSJT-X, check out this outstanding 54-page operating guide put together by Gary Hinson, ZL2IFB.

http://www.q4ifb.com/FT8 Hinson tips for HF DXers.pdf

Gary's goal is to promote better FT8 operating standards on HF. His guide goes a long way toward making that happen.

Comments: Part time between company and weekend activities. EU was tough to work either AM due to packed band/NA splatter. Same problem digging out JA's around my s/r on 40m. Nice to see 10m open a bit to SA Sun afternoon.

```
BARTG HF RTTY Contest
Call: N2NS/6 Class: SOAB HP
Band QSOs Countries Call Areas
         7
                2
 80:
                       6
        56
 40:
                      17
              11
 20:
      159
              16
                      21
 15:
         3
                3
                       0
Total: 225
              32
                      44 Continents = 5 Total Score = 85,500
Comments: Part time.
            ARRL DX Contest, SSB
Call: N2NS
            Class: SO Unlimited HP
Band QSOs Mults
 160:
           3
                3
                7
 80:
           8
               30
 40:
          41
              72
 20:
        207
 15:
          61
               31
 10:
                      Total: 327 146 Total Score = 143,226
```

Comments: Part time. Sunday was generally a slog. Lotsa bogus spots. Lotsa horrible splatter and wide signals. Not much fun. Kudos to those who were able to run and pile up the big numbers.

Subject: ARC welding 101 Dang, I forgot my helmet https://www.youtube.com/watch?v=MhBbF4A gBI

```
Power Reports in contests. Perhaps we should go to Roman Numerals...

MD = 1500

M = 1000

DC = 600

D = 500

CD = 400

CCC = 300

CC = 200

C = 100

L = 50

XX = 20

X = 10

V = 5
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RADIO MAGAZINE CALLS NEW CONTEST A DRAMATIC FAILURE

By WBØRUR, on the scene

NEW CAMBRIDGE, Maryland – The staff at a national magazine devoted to amateur radio is calling its most recent radio contest a "dramatic failure."

Darius Von Sparringburg, Chief Editor of "73s and 88s" magazine, says logs submitted for the recently completed "North American QSO Championships" contain an unusually high number of errors. So many in fact, that the contest may be declared invalid. "At this early stage of NAQC log checking, we're finding 99.3% of all logs contain errors. Most logs are so riddled with mistakes they are not even worthy of inclusion in the contest results. Our log checking software is overwhelmed. We've had to hire additional interns to manually inspect the entries."



Von Sparringburg attributes the multitude of disqualifying operator errors to an overly complicated contest exchange, which is he adds "sounded good when we were talking about it in the planning meeting."

"The exchange included a contest serial number, followed by a signal report. The operator then sends a driver's license number, operator's mother's maiden name, the serial number of the radio being used on the air and a ZIP+4 postal code. DX stations were also required to include the AT&T international calling code for their respective country. Apparently, this turned into an unwieldy exchange for many."

A typical DX exchange (example is station located in Liechtenstein):

009 599 965427047 SMITHFIELD 094362 72703 3297 011 423

Alarmingly difficult to communicate on SSB, almost impossible on CW and time consuming to the extreme on PSK31, editors at the magazine say operators sounded off in the "Soap Box" section:

"Who the hell came up with this exchange? FOOLS!"

"My mother's maiden name is Rickenhausingfield. I had 50 characters in my contest exchange!"

"It took 8 minutes to send my information to the other station."

"I was killing it with a QSO rate of 5 QSOs per hour."

"It took me 15 minutes just to program my CW keyer."

"I went to town and did some grocery shopping while my macros sent the contest exchange."

Von Sparringburg says the magazine may consider running the contest again next month.

"But we'd use a new contest exchange – something simple like year of license, ITU Zone, CQ Zone, Maidenhead grid square locater data, and maybe the type of antenna being used," he says.

Editor's Note: "73s and 88s" magazine is published bi-monthly. It features interviews and articles about ham radio. Each issue includes a "centerfold" pull out section, featuring a ham radio operator "suggestively" displaying a piece of HF gear from his shack.

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Red Monkey is closing, April is the last month. Check out the closing sales this month.

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FRESNO AMATEUR RADIO CLUB INC. NAME TAG.

FARC Name tags are \$10.00 Payable when you order your tag.

Please list your Name and call as you want it to appear on the name tag and also check if you want a stick pin or mag mount.

Make check payable to FARC Inc. and send the form and check to:

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

or bring it to the next meeting.



Name		
Call		
Stick pin	or Mag Mount	Amount \$

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

F.A.R.C. DUES ARE \$20 PER YEAR FOR FULL MEMBERSHIP. Additional family members in the same household are \$5.00 each per year. New hams are free for the first year. Make checks payable to F.A.R.C. and send to:

P.O. Box 5912, Fresno, CA 93755-5912.

Fresno Amateur Radio Club - Me	mbership Application
Home Phone Cell Phone Bird Cicense Class Year 1st License Class Year 1st License Class Call Phone Phone Cell Phone Cell Phone Phone Cell Phone Phone Cell Phone Ph	Date Call Sign ZIP thdate censed Anniversary Date
Additional Family Member in same househol Spouse Name Son/Daughter Name	ld: _ Call Sign _ Call Sign

Fresno Amateur
Radio Club
Activities and
Events

Meetings on the 2nd Friday of the month
FD on the 4th full weekend in June Banquet Dinner in December

summer Annual swap meet in November

Club Picnic in



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

Send To: