



Join us at the club picnic on Aug. 22, Sat. at 4 P.M. Next regular meeting in September.

#### THE PRESIDENTS MESSAGE



W6POOH

#### FARC General Meetings

are held the 2nd Friday of each month, 7 p.m. at AMF Sierra Lanes unless otherwise noted. Stay tuned in for new announcements.

#### 2015 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

#### Tech Net:

Wednesdays @ 7:00 pm  
W6TO/R 146.940

#### FARC Net:

Sundays @ 7:00 pm  
W6TO/R 146.940

HAPPY AUGUST!

I sure hope everyone is staying cool!

And if you're not— well, cool off in Ken Holden's [WA6OIB] pool, enjoy a good time, bring some food, and have a great time at the club picnic!

Sorry folks, Aye Dinna bee therr-Ay'll be in Merry Scotland, and so I will have to miss the poolside gathering of club members.

I do hear that the lightning storm did cause a few hardware casualties, but no one got personally hurt, and that is good.

Great to hear Doyle, W6OEZ, and Jerry, W6KEG, on the 10 Meter net-and Joe, WA6FFJ running the club net Sunday nights and the Brown Sugar net on Wednesday nights-all on 2 M FM!

However warm or cold it might be, remember there is no club meeting in this merry month of August, so make a lot of QSOs, don't forget to QSL, and have a great time.

See you at the September meeting-and all of you wear your badge.  
Stu, WB6VRJ

**W. Stuart Home    WB6VRJ**

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

Nominations for Board of Directors are now open. Speak to any club director of your interest!

Nominations close on Sept. 11

**Fresno Amateur Radio Club 7 P.M. meetings will resume in September (second Friday of the month) at the AMF Sierra Lanes, on Blackstone, North of Sierra. North of the DMV office.**

**August FARC Picnic at Ken, WA6OIB's Holden Rancherita Date: Aug. 22, Sat.!**

## **FARC Club Picnic**

We have settled on Saturday August 22nd at the Holden Rancherita. We're planning on starting at 4 P.M., eating at 5... Still pot luck with club providing main course... BBQ Tri-tip of course... Table service, and drinks.

Members should bring sides, salads, or desserts as per the schedule in Skip. Parking will be in the pasture as usual. Swimming for those who want. We now have Cafe lighting in the yard so Bingo will be a lot easier... Gotta have Bingo!!

Should be great fun!!!

Joe... Rig will be ready for you if you need to call roll as per previous years...

Blessings all, Ken, WA6OIB

Last name A-H	Sides
I-N	Salads
M-Z	Dessert

Hmm, does this give an unfair Advantage to Desserts? The Editor must have a sweet tooth.



W6TO

Look at the FARC FD pictures on the Facebook page.

W6TO Facebook page... You have to see the FD symbol on the website in all the writings and above that symbol Click on the Fresno Am Radio Club line..(should highlight) and go to Facebook.....

. de Jim, W6NIF

## **2549 E. Copper , Clovis**

Map available from QRZ.com, just log in with your call sign, and look up WA6OIB

## Fresno Amateur Radio Club

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93721



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Talk to Ron, N6MTS, about the yearly fee!



## **Fresno Amateur Radio Club**

### **LOCAL T-HUNTS SCHEDULE SPONSORED BY CENTRAL VALLEY T-HUNTERS.**

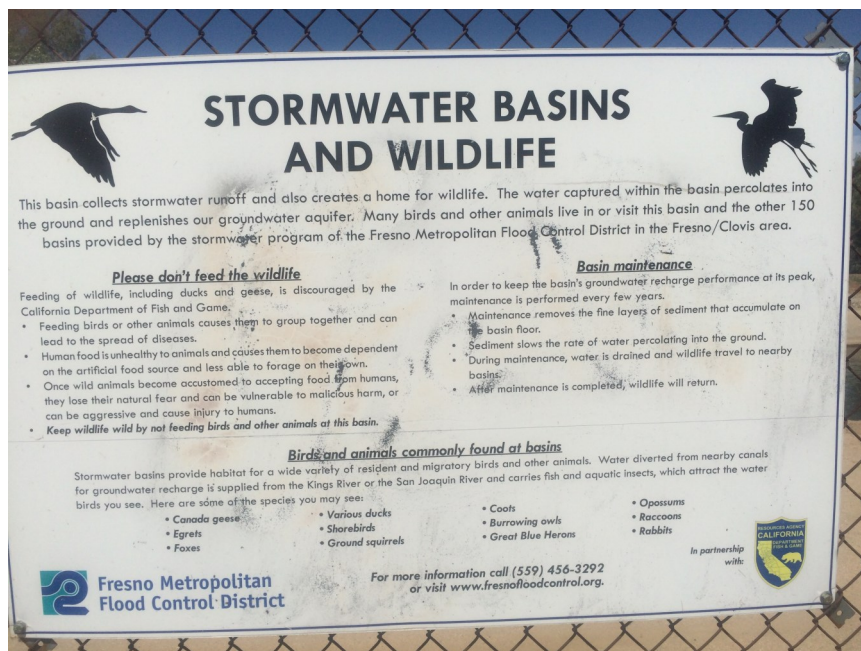
Scheduled T-Hunts by the Central Valley T-Hunters are on these dates;

September 19, 2015

November 21, 2015

All T-hunts start at 10:00am with starting points to be announced. Frequency 146.565 MHz.  
For further information and updates e-mail [info@k6arp.org](mailto:info@k6arp.org) or call 559-492-7675.

Some pictures from the July 2015 hunt!  
Pictures sent in by Erik, NI6G.



## COMING EVENTS

### **SAN JOAQUIN VALLEY SECTION CONVENTION (RALLY IN THE VALLEY)**

Saturday September 19, 2015.

Location: Salvation Army Fresno Citadel 1854 Fulton Street, Fresno, CA 93650.

Sponsor: ARRL and SATERN, Talk-In: 147.150+ (PL 141.3)

Public Contact: Dan Pruitt, AE6SX e-mail: ae6sx@arrl.org

- This is an ARRL Section Convention so use the ARRL Diamond
- Section wide participation is invited
- Swap meet 0730 setup -- sales at 0800
- \$5 for space
- State OES mobile communications unit MAGU, will be on display (if not deployed) courtesy of MAR-V
- Presentations to begin at 0900
- door prizes
- Lunch provided by the Salvation Army
- Ham Radio Jeopardy like trivia game

Event should wind down about 1430 to 1500

### **SOUTHWESTERN DIVISION CONVENTION (HAMCOM 2015)**

September 11-13, 2015.

Location, Torrance Marriott South Bay 3635 Fashion Way Torrance, CA 90501.

Sponsored by Los Angeles Area Council of Amateur Radio Clubs & Orange County Council of Amateur Radio Organizations

Contact Margie Hoffman, KG6TBR, Phone: 661-347-6228,

e-mail: margiehoffman@gmail.com

More info at <http://www.hamconinc.org>

### **PACIFIC DIVISION CONVENTION, SAN RAMON MARRIOTT, PACIFICON 2015**

October 16-18, 2015.

Location, San Ramon Marriott 2600 Bishop Drive San Ramon, CA 94583. Sponsored by Mount Diablo Amateur Radio Club.

Talk-In: 147.060+ PL 100

Contact, Misa Siemons, KJ6BUE, Phone: 925-945-8007 e-mail: misa@siemons.com

More info at <http://www.pacificon.org>

#### ***Birthdays***

***21 July Stuart WB6VRJ (missed last month)***

***08/01 KA6VTA David***

***08/05 WB6JQC Joe***

***08/06 WA6OIB Ken***

***08/20 KF6VBZ William***

***08/21 KK6JQK Joshua***

***08/24 KK6JQI Don***

#### ***Anniversaries:***

08/20 Lanee and Gary KI6OYW

08/21 Cis and Bob W6AIY

08/26 Norma and Ted W6TLM

## 2015 FARC BOARD OF DIRECTORS

### FARC Officers and Board members:

Stuart Home, Pres. – WB6VRJ	<a href="mailto:wb6vrj@w6to.com">wb6vrj@w6to.com</a>	(559) 485-8659	12/2015
Ken Holden, WA6OIB- VP	<a href="mailto:wa6oib@w6to.com">wa6oib@w6to.com</a>	(559) 323-6753	12/2016
Joe Cardoza, WA6FFJ-Secretary	<a href="mailto:wa6ffj@w6to.com">wa6ffj@w6to.com</a>	(599) 455-1071	12/2016
Ron Hunt, N6MTS-Treasurer	<a href="mailto:n6mts@w6to.com">n6mts@w6to.com</a>	(559) 289-8514	12/2016

### Board Members:

Joseph Capell, W0PJD	<a href="mailto:w0pid@me.com">w0pid@me.com</a>	(559) 225-3582	12/2015
Larry Kramer, K6VLF	<a href="mailto:k6vlf@w6to.com">k6vlf@w6to.com</a>	(559) 264-0772	12/2015
7th member vacant at present			12/2016

### Web master

Aaron Lusk, K6USY	<a href="mailto:k6usy@w6to.com">k6usy@w6to.com</a>	(559) 301-1022
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### Skip Editor

John Morrice, K6MI	<a href="mailto:k6mi@pacbell.net">k6mi@pacbell.net</a>	(559) 275-7373
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Ron, N6MTS  
Treasurer

Breakfast on Saturdays at Jeb's Blueberry Café located at Blackstone and Dakota, starting at 7 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 also at Jeb's Blueberry Cafe on Blackstone at 11:30 to 1 P.M..

The Thursday ham radio lunch get-together meeting location is:  
Jeb's Blueberry Hill  
3851 North Blackstone Avenue  
Fresno, CA 93726

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

**FARC meetings will resume in September**

**Sept. vhf contest Sept. 12-13**

**Rally in the Valley Sept. 19 Sat.**

**August FARC Picnic Aug. 22**

### **Upcoming Transmitter Hunt Dates**

These are the dates for the regular Saturday bi-monthly hunts as well as special hunts:

September 19 (3rd Sat) 10:00am location TBA

### 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.

CWops Tests are held weekly – Every Wednesday at 1300Z, 1900Z, and 0300Z (Thursday). Info and rules at <http://www.cwops.org/cwt.html>.



## Fresno Amateur Radio Club

Corrections to last months Skip! Our sharp eyed readers are on the lookout for everything. The corrected Skip is in the **w6to.com** archive.  
More new prizes at the next meeting! The raffle helps pay for the meeting expenses.

Remember to send in your 2015 dues. Dues for 2015 are \$20, and \$5 for additional family members!

Free membership for first year hams!

**Fresno ARC** Is looking for check-ins for the Morning Drive Time Net.

Join Ben, WB6GBS, and other net control operators, for an interesting way to start the day. Visit <http://w6to.com> for further information.

### The Central Valley T-hunters July 18, Sat.



Hunt Frequency will be 146.565 MHz.  
For more information email [info@k6arp.org](mailto:info@k6arp.org) or call 559-492-7675.  
Rob, AE6GE Hunt master

ARRL Section Manager for the SJV Section, Dan, AE6SX. Dan's SJV news is found at [arri.org](http://arri.org)



Got Ham Radio?

Check out Glenn's info later in this issue!



Thanks to Duane, KI6QEL, and Jim, W6NIF, for providing the photographs included in SKIP.



The July 2015 Tx Hunters at the finish line

Drawing next month will be for \$30.00. The winner was not present last month. Next drawing at the September meeting.

Must be present to win.



# *Fresno Amateur Radio Club* Local Amateur Radio Repeaters

<i>Organization</i>	<i>Call Sign</i>	<i>Frequency</i>	<i>Offset</i>	<i>PL</i>
CARP	K6ARP	147.675	-	123.0
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	-	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
WINSsystem	K6JSI	146.790	-	100.0
WINSsystem	K6JSI	444.250	+	100.0
CVRC	N6IB	443.950	+	141.3
CVRC	N6IB	442.350	+	141.3
CVRC	N6VQL	147.315	+	141.3



Editors desk!

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 part by Doyle,  
W6OEZ. Have fun checking in on one or  
both modes.

Also at 7 P.M. is our own FARC Tech Net,  
with WA6FFJ, Joe, on the W6TO repeaters.



Joe, WA6FFJ, our  
net control opera-  
tor for the W6TO  
nets.



## **THE DX CORNER**

**By Charles McConnell W6DPD**

August 2015

"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](http://www.spaceweather.com) and [www.solarham.net](http://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.

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. 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.qslbureau.org/>

The ARRL Outgoing QSL Service has raised the rates for sending ARRL members QSL cards to foreign countries. The new rate is \$2 for up to 10 cards in one envelope, \$3 for 11 to 20 cards in one envelope and 75 cents per ounce for more than 20 cards.

Postage rates around the world are constantly changing. To see current rates go to [http://www.qsl.net/w9ol/IRC\\_Chart.htm](http://www.qsl.net/w9ol/IRC_Chart.htm) where you can find the current postal rates for most of the countries of the world. IRCs can no longer be ordered online from the US Post Office. To check on foreign postage, you can go to <http://www.k4hb.com/postage.html>. To learn about addressing envelopes to everywhere in the world, go to <http://www.columbia.edu/~fdc/postal/> for a discussion and examples. U.S. Postage will be increased soon. Overseas postage will be \$1.20; domestic postage will remain \$0.49 for 1 ounce. Additional ounce for domestic mail will be \$0.22. Postcards will be \$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 OP DX Bulletin or 425 DX Bulletin to get the URL. You can subscribe to the Daily DX, Weekly DX or QRZ DX too. These bulletins will keep you informed of DX operations and QSL information.

## **Fresno Amateur Radio Club**

Continued from the last page

The following operations are scheduled:

Djibouti J28JV soon for at least a year, maybe 2  
Ascension Island ZD8D maybe an October 2011 start  
Angola D2CQ February 2010 for a few years  
Wallis and Fortuna Islands FW1JG April to November 2015  
Seychelles S79DPX August 9 to August 23, 2015  
Wake Island KH9 K6W September 4 to September 19, 2015  
Zimbabwe Z21MG September 21 to September 30 2015  
Comoros Islands D67A? September 14 to September 23, 2015  
Tristan da Cunha ZD9TT September 15 to October 6, 2015  
Niue E6GG last half of September 2015  
Tuvalu T2GC September 24 to October 10, 2015  
North Cook Islands E51MQT September 29 to October 27, 2015  
Chesterfield Island TX3X October 1 to October 12, 2015  
Equatorial Guinea 3C7GIAN November 12 to November 23, 2015  
Marshall Islands V73D October 13 to 28, 2015  
Fernando de Noronha PY0F/homecalls October 18 to 27, 2015  
Vietnam 3W3MD October 31 to November 10, 2015  
Scarborough Reef BS7H October 31 to November 10, 2015  
Willis Island VK9WA November 14 to November 23, 2015  
Heard Island VK0EK March 6 to April 20, 2016  
Palmyra Island KH5 January 11 to January 26, 2016  
Tonga A35COW? January 15 to February 15, 2016 Canceled!!  
South Sandwich and South Georgia VP8 January 2016  
Palmyra KH5 January 2016  
North Korea P5 January or February 2016 SSB only. We can hope!!  
Cocos Keeling Island VK9CK March 15 to March 26, 2016  
Palestine E44Y planning for March 2016  
Juan de Nova March 2016  
Scarborough Reef March 6 to April 20, 2016  
St. Paul Island CY9 August 19 to August 29, 2016



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.dxsummit.fi](http://www.dxsummit.fi)) 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 and the WPX Award.

Good luck, tune the dial, and listen.

Video: More Top Scientists Forecast a Repeat of the 1600's Maunder Minimum

<http://www.socalcontestclub.org/>

## **AMATEUR RADIO EXAMS IN FRESNO**

UNLICENSED THRU EXTRA CLASS  
Sponsored By the FRESNO VE TEAM  
And the FRESNO AMATEUR RADIO CLUB, INC.

**2015**

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.

**August 8      November 14**

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 Divisadero to Sacramento Ave. Turn left on Sacramento Ave and park. You have arrived.

Theory exams are multiple choice. Priority 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 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, W6DPD (559) 431-2038





## *Fresno Amateur Radio Club*

# EC Report for July 2015

Hi All,

This month's schedule was pretty slow; 4 Monday Night EmComm Nets, 1 EmComm and Coffee, 1 ARES/RACES meeting, and 1 Digital Workshop.

### **ARES/RACES Website**

We are in the process of building a new website for ARES/RACES. Chris Johnson, KJ6IYG will be putting together a committee to consider what we should have on the site. We will have a couple of editors that will read the material uploaded by our members and correct the spelling and punctuation as well as considering the content of the material. We should have the new website up and running by the end of the summer.

### **Digital Work Shop**

Tuesday, July 14th at 18:00 hr. we had a digital workshop. The turnout was very small only 4 of us showed up. One good thing was Richard had the time to help one of the new Hams with the fine art of Fldgi and PSK-31.

We are trying to expand the workshop to help anyone interested in Amateur Radio and its challenges. We would like to help some of the new guys with setting up and maintaining their station. Many of the new people have questions about how to choose an antenna or radio that will cover their needs. These are some of the questions we will try to answer. Our mission is to help new and experienced operators become better at their craft and have fun. Our next workshop will take place Aug. 11 at 18:30 at the Salvation Army Citadel.

### **Moonlight Madness & Ham Radio**

The event was held by the Clovis Independent Four Wheeler's by special use permit from the Sierra National Forest. Rob Mavis (AE6GE) & Greg Waters (KJ6OUI) operated HF, VHF, and UHF portable radios at the Clovis Independent four wheel club's Bald Mt. basecamp. A get on the air (GOTA) station was available for all those participating at the poker run. A Boafeng UV-82 HT radio was donated in CARP's name as a raffle prize. A special event FCC license was used for this event from June 21 to June 29. The call sign was K6M (Kilo 6 Mike).

Field Day occurred the same weekend as Clovis Independent four wheel club's poker run, "Moonlight madness". For the last 100 years, every year on the fourth full weekend in June, over 35,000 amateur radio operators across the United States practice operating under simulated emergency communications. Basecamp was large enough for RV's, trailers and tent camping. There was no water or garbage services, so we packed everything in and out. Port-A-Potties were available the whole weekend.

The communication post was not limited to contacting other amateur radio operators. In case of the need to contact 911, family, or friends, amateur radio operators in the valley were on standby the whole weekend to aid in relaying radio communications to a phone. Handouts about all the advantages of use in off road communications and amateur radio as a hobby were distributed to over 50 attendees of the event.

Rob and I are in the process of organizing a multiple weekend ham technician class this fall for those in the 4x4 hobby. Over a dozen expressed great interest in getting their license and also interested in Emcomm training as the similarities cross over well.

73

Greg, KJ6OUI

## ***Fresno Amateur Radio Club***

Continued from the previous page



### **Suggested EmComm Frequency List**

## **SUGGESTED 2 METER FREQUENCIES**

FREQUENCY	OFFSET	TONE (PL)	SPONSOR
147.150	+600KHZ	141.3	RACES
146.940	-600	141.3	FARC
147.675	+600	123.0	CARP
146.820	-600	141.3	SJVARs
146.850	-600	141.3	QCWA
147.180	+600	146.2	MCARC
146.745	-600	146.2	MARROB
146.880	-600	103.5	TCARC
147.330	+600	100.0	KARC
146.520	SIMPLEX	NAT'L CALL	
146.695	SIMPLEX	ALERT	
146.475	SIMPLEX	COMM-1	
147.405	SIMPLEX	COMM-2	
147.510	SIMPLEX	COMM-3	
147.525	SIMPLEX	COMM-4	

## **SUGGESTED 440 MHZ FREQUENCIES**

FREQUENCY	OFFSET	TONE (PL)	SPONSOR
444.725	+5MHZ	141.3	CARP
444.200	+5	141.3	FARC
443.875	+5	107.2	KAISER
443.950	+5	141.3	CVRC-M
443.825	+5	141.3	CVRC-P
443.250	+5	107.2	QCWA

## ***Fresno Amateur Radio Club***

Continued from the previous page

If there are any frequencies that you feel that should be on the list and are not, please email them to me and they will be taken under consideration.

### **Public Service Calendar 2015**

Most of you know we help CARP doing Public Service events. We use them for training; they help keep us sharp handling traffic and working under a net condition. I am including the calendar of events as it is now.

### **2015 Public Service Events:**

- September 12 – Tour de Fresno Charity Bicycle Century
- October 10 – Bass Lake Powerhouse Double Century
- November 8 – Two Cities Marathon

If interested in volunteering at any of the above events, contact either Rob Mavis or me.

### **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 [g\\_greenberg@att.net](mailto:g_greenberg@att.net)

### **Our Calendar**

Don't forget the Monday Night EmComm Net at 1930 hr. on the 147.15 MHz PI 141.3. We have some good information and camaraderie.

On the third Friday of the month there is the EmComm Coffee 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. The August meeting will be held August 27th at 1900 hr. at the Salvation Army Citadel at 1854 Fulton St., Fresno.

Best of 73's GLEN CAINE (N6HEW)

Fresno County RACES Officer Fresno County ARES EC 559-999-7590 [N6hew2@gmail.com](mailto:N6hew2@gmail.com)





**UV204 TUBE OF THE MONTH** by Norm, N6JV, from the NCCC Jug magazine

In World War I, the General Electric company produced a 250 dissipation triode called the Type P Plotron. It fits into its socket like a very large fuse. After the War when commercial production began, this tube was designated the UV204 and was sold by RCA. The original tube had the same spherical envelope as the Type P, but soon the cylindrical envelope was adopted.

The UV204, like almost all the early tubes, was designed for low frequency as the short-waves were only then being experimented with. This tube was being marketed to the commercial broadcast industry that wasn't interested in short-waves. For hams, this tube was about the on-ly choice for the big gun. QST articles showed large breadboards with push pull UV204's in Hartley oscillators. A slightly modernized version, the 204A, was still in use during WWII.

This example from about 1921 has an anode using unplaited metal that looks like it was made from a bean can. Small rods of glass support the filament. The maximum frequency for full input was only 3 MHz. We still use the expression "250 water" to-day when referring to this type tube and it's socket.



## ***Fresno Amateur Radio Club***

This page has reports of Fresno hams that have been active on the air, in events or contests. Please share with the editor, and all your fellow hams, the activities you have recently enjoyed!

### **North American QSO Party, CW - August**

Call: N2NS Operator(s): N2NS Class: Single Op LP

Band QSOs Mults

40: 6 5

20: 23 17

15: 11 10

Total: 40 32 Total Score = 1,280 Comments: Token effort.

K3/P/3, N1MM+ logger 15/20m: 4 el SteppIR @ 56' 40m: 2 el yagi @ 70' Bob N2NS

### **North American QSO Party, RTTY - July**

Call: N2NS Operator(s): N2NS Class: Single Op LP Operating Time (hrs): 4.0

Band QSOs Mults

80: 4 3

40: 16 8

20: 120 41

15: 40 23 Total: 180 75 Total Score = 13,500

Comments: Planned only 4-5 hours op time, due to other obligations Sat. Struggled to make 4 hours BIC. Had software glitch pop up Fri night resulting in me sending in REVERSE, but rx normal. Got that fixed early Sat afternoon, after getting home from 70 mile bike ride. Listened/CQ-ed on 10m each time I'd change bands, but never saw any activity on 10. Thought I'd at least hear a few W6's. 15m was less than stellar. 20 seemed in good shape, especially as everybody else in the contest had obviously gravitated there. Then while having a decent run on 20m around 0030Z, we had thunder and lightning move into the area. Over the next three and a half hours, I shut down 'voluntarily' twice, and had no fewer than FOUR power outages here at home. We rarely see lightning here, and lose power maybe once or twice per year. Zero QSO's until 0345Z. I had difficulty making things happen on 40 and 80m. Rx seemed especially rough, but not surprising with all the convective activity still in our general area. When N1MM said I'd been operating for four hours, I pulled the plug. Bob N2NS

IARU-HF:

NI6G, SJV SINGLE-OP: NON-ASSISTED 20M CW LOW POWER FIXED

SCORE: 2838 Erik NI6G

Call: N2NS Class: SOAB(A)CW HP QTH: Zone 6 Operating Time (hrs): 3.6

:Band CW Qs Ph Qs Zones HQ Mults

160: 1 1 0

80: 4 2 2

40: 37 21 11

20: 60 21 19

15: 23 10 8 Total: 125 0 55 40 Total Score = 36,575

More Fresno hams in IARU on next page

## ***Fresno Amateur Radio Club***

### **IARU continued**

K6AAB, Steve, SO Unlimited, CW LP

Band QSO ITUz HQ

80 14 6 2

40 71 19 9

20 78 14 20

15 19 8 4

Total 182 47 35

Op time 13 hrs. Conditions were poor, A index was 25!

Dennis Frenchy Johnson KF6GJB, a long time friend of mine and who had been to a couple of ham club meetings, passed away 22 June 15; he had a ravaging cancer.

A good man and well liked by everyone, he had known a lot of fellow hams through his work with the county. Stuart WB6VRJ

### **2015 CONTEST CALENDAR**

Some but not all contests.

#### **AUGUST**

15-16 10 GHz & Up – Round 1

16 Rookie Roundup – RTTY

#### **SEPTEMBER**

5-6 EME - 2.3 GHz & Up

12-14 September VHF

19-20 10 GHz & Up– Round 2

#### **OCTOBER**

19-23 School Club Roundup

31- Nov 1 EME - 50 to 1296 MHz

#### **NOVEMBER**

1 EME - 50 to 1296 MHz

7-9 November Sweepstakes – CW

21-23 November Sweepstakes – Phone

28-29 EME - 50 to 1296 MHz

#### **DECEMBER**

4-6 160 Meter

12-13 10 Meter

20 Rookie Roundup–CW

For more info:

<http://www.arrl.org/contest-calendar>





## ***Fresno Amateur Radio Club***

I thank each and every one of you for your contribution(s) to the High Sierra Ranger District, Off-Highway Vehicle Program. The 2015 HOST training was a great success, where we were able discuss the duties of Off-Highway Vehicle (OHV) Host, Job Hazard Analysis, Emergency Procedures, OHV Host Performance Standards, and OHV events (example: Poker Runs). I am optimistic about the 2015; I believe we are set up for a successful riding season. You should be proud to know that your efforts are recognized, I witnessed dedicated people eager to accomplish the greatest good. I appreciate your passion about sustaining the health, diversity and productivity of the nation's forest. Your dedicated service not only to the OHV HOST Program, but to our great nation, is something you should all be proud of.

Thank you for the opportunity to serve.

**Raul Moreno Jr.**  
**Assistant Manager**  
**Off-Highway Vehicle Program**  
**Forest Service**  
**Sierra National Forest, High Sierra Ranger District**

## **SPACE NEWS**

### **ILLINOIS HIGH ALTITUDE BALLOON TO CARRY REPEATER AND SSTV**

The Balloon Assisted Stratospheric Experiments team at DePauw University plans to launch a high altitude balloon, BASE-85, on August 8, 2015 at 07:45 CDT (UTC – 5). The launch will be from the Chanute Air Museum in Rantoul, Illinois which is approximately 100 miles south of Chicago. The amateur radio payload on this balloon will include:

- + Telemetry: APRS: 144.390Mhz, APRS.FI: WB9SA-11; QRZ: WB9SA
- + Cross-Band FM Repeater: Uplink 144.34 MHz; Downlink 446.025 MHz.
- + SSTV unit will operate on 147.48 MHz using Scottie2 –72 seconds on 30 seconds off.
- + 900 MHz tracking system.
- + DF beacon at 443 MHz

Website:

<http://www.depauw.edu/academics/departmentsprograms/physicsastronomy/departments-research/base/>



Recently Jerry, K6PKO has added a complete Heath station to one of his many operating positions. All in perfect working order, with help from Bill AA6S, the station consists of a Mohawk receiver, Warrior linier, and a Marauder Transmitter. A non Heath FT-101e is seen down below.

## **The Good Old Days**

As is inevitable when hams gather and chat about all the important things that we need to chat about, there's nostalgia for the 'good old days.' That period for many seems to be the "honeymoon period" of about the time they received their license, to some other time between then and now. It's rare that I hear 'today' being included in the good old days.

It's great to have the wonderful memories of our Elmers, the thrill of working our first contacts, our first rigs, but it's not taking away from any of those recollections to also appreciate and take advantage of the Amateur Radio landscape of today.

From my Amateur Radio Contesting viewpoint, today we have transceivers that have never been better at taking the smallest perturbations in the ether, and turning it into audio. The materials that we are able to employ for our stations can literally be products of the space age. We can get almost any part or material to our doorstep in a few short days if necessary.

We can have the *experience* of 1927 on 160 meters using CW, and then also recover signals we can't even hear reflected from the surface of the moon. With the same gear. When we submit our scores to the 'crowdsourced' score reporting sites (e.g. [3830scores.com](http://3830scores.com)), we can likely know the 'unofficial results' of a contest in just a few days.

Through the continuing efforts of organizations like the [ARRL](http://ARRL), [Contest University](http://ContestUniversity), [WWROF](http://WWROF), regional radio and contest clubs, and many others, today's Elmers are being immortalized on the Internet through webinars, videos, and presentations in various formats. We'll have their wisdom to enjoy for a long, long time.

Contest sponsors are evolving to strongly preserve and protect the integrity of the varied entry classes, so that the 'boy and his radio' (and 'girl and her radio') and the SOnR(A) entrants are scored only against their peers. The interval between contest end and contest results is growing ever shorter. The variety and frequency of radio contests continue to increase.

There **are** challenges, to be sure, including some that we've been facing for a while, such as an aging population, issues of continued recruitment into the hobby, and the public perception of relevance in the face of other communications technologies.

But on balance, it's great to be a ham in 2015!

73, Brian N9ADG

**Fresno Amateur Radio Club**

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.

**2015  
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**

**Club Picnic in  
summer**

**2015 Fresno Amateur Radio Club - Membership Application**

Name \_\_\_\_\_ Date \_\_\_\_\_  
Call Sign \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_  
Occupation \_\_\_\_\_ Birthdate \_\_\_\_\_  
License Class \_\_\_\_\_ Year 1<sup>st</sup> Licensed \_\_\_\_\_  
ARRL Member? \_\_\_\_\_  
E-mail address \_\_\_\_\_ Anniversary Date \_\_\_\_\_

**Additional Family Member in same household:**

Spouse Name \_\_\_\_\_ Call Sign \_\_\_\_\_  
Son/Daughter Name \_\_\_\_\_ Call Sign \_\_\_\_\_



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

Send To: