



A Fresno Amateur Radio Club Newsletter September, 2017 Volume 80, Issue 9

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.

2017 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

President's notes: SEPT 2017

Well, I am not here at the first part of the month, and I see that the other chaps who help so much in running this great organization have put together a great program. I hope that all of you will attend.

Last month saw some new faces and that was just super.

And that is a challenge to all you members: bring someone you know-they do not have to be a ham, or even know anything about radio-but introducing them to the camaraderie of the club helps show how Amateur Radio contributes to the welfare of the community and to the nation. So get out there, and bring someone in.

And while you are at it, how about working on your CW skills? I realize that CW is no longer a test element for your license, but when all else fails, CW can still be used. Knowing the dots and dashes is just the beginning. MFJ makes a fine CW device, so you can learn words in their totality, and that will sure help a lot-sure, one will be slow, but practice and that slow becomes more thorough, and that leads to speed.

And do not forget that there is that Wednesday Nite net on 10 meters [Guss, KF6ZXO], and the daily evening net on 3533 KHz at 2100 local time; and those chaps will listen to you no matter how slow one might be.

And I have been pleased to hear some notable chaps checking into the Wed Nite CW net, and while their sending and speed is best described as needing a lot of improvement, that is what they are working on; and, as a useful teaching tool, use a tape recorder to send and then listen to yourself-I know that does help a lot.

See you chaps in October- when it is supposed to be cooler-and I wanna see a lotta hams and their buddies!

Stuart Home, WB6RJ

In This Issue:

P.5 Testing Schedule and Tx Hunt Dates
P. 6-7 DX Info
P. 8-9 EMCOMM
P. 10-11 August meeting pictures
P. 12 tube of the month
P. 13-14 FARC Sale Items
P. 15 Dayton
P. 16-17 Picnic pictures
P. 19-20 UHF Contest
P. 21-22 Membership and Badge Info

SEPTEMBER MEETING INFO ON PAGE 2!!

2017 meetings! More great programs and events coming this year!

August meeting: Jim Anderson talked about the Code Talkers service men that were used in WWI and WWII.
 July Meeting! Old Test Equipment night with Root beer floats.
 June 9th meeting- Coax troubleshooting with the MFJ -259
 The May speaker was Mark K6MTS, about "A QRP Backpacking Adventure in the High Sierra Wilderness".
 Mark's article on this subject was published in the February issue of CQ magazine this year.
 The April program was "The 811 Process, Know What's Below"
 The March program was a WSJT video by the author, Nobel Laureate, Joe Taylor, K1JT
 The February meeting was a presentation of the 220 Mc. Condor system.
 January program was about 6M FM, Alan WA6IPZ, speaker.

Coming attraction: September Meeting

Operation Whitecoat was a biodefense medical research program carried out by the United States Army at Fort Detrick, Maryland between 1954 and 1973. The program pursued medical research using volunteer enlisted personnel who were eventually nicknamed "Whitecoats". These volunteers, all conscientious objectors, including many members of the Seventh-day Adventist Church, were informed of the purpose and goals of each project before providing consent to participate in any project. The stated purpose of the research was to defend troops and civilians against biological weapons and it was believed that the Soviet Union was engaged in similar activities.



August speaker Jim Anderson. More meeting pictures on page 10-11.

Top raffle prize winner was Les, KB6SMZ.

Christmas Dinner, Dec. 8, Friday 6 P.M. Same place as last year, at Diccios, Cedar and Nees.



More information on club badges on page 17! Renewal form on page 18!

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.

2017 FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Stuart Home, WB6VRJ President	wb6vrj@w6to.com	(559) 485-8659	12/2017
Ken Holden, WA6OIB VP	wa6oib@w6to.com	(559) 323-6753	12/2018
Joe Cardoza, WA6FFJ Sec.	wa6ffj@w6to.com	(599) 455-1071	12/2017
Ron Hunt, N6MTS Treas.	n6mts@w6to.com	(559) 289-8514	12/2018
Jim Erbe, W6NIF	w6nif@w6to.com	(559) 222-7524	12/2018
Bob Sherwood, W6AIY	w6aiy@w6to.com	(559) 275-4319	12/2017
Larry Kramer, K6VLF	k6vlf@w6to.com	(559) 264-0772	12/2017

Web master

Aaron Lusk, K6USY	k6usy@w6to.com	(559) 301-1022
-------------------	----------------	----------------

Skip Editor

John Morrice, K6MI	k6mi@pacbell.net	(559) 275-7373
--------------------	------------------	----------------



Ron, N6MTS
Treasurer



Joe, WA6FFJ
Secretary

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:

Jeb's Blueberry Hill
3851 North Blackstone Avenue
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

FARC Sept. 8 meeting 7 P.M.

VHF Contest Sept. 9-10

Oct. FARC meeting Oct. 17

Nov. 11 FARC Swap Meet, Sat. 8 A.M.
(In place of the Nov. Meeting)

Nov. 11 T Hunt at the Swap Meet

Dec. 8 Club dinner Friday night



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.

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.

Local Amateur Radio Repeaters

<u>Organization</u>	<u>Call Sign</u>	<u>Frequency</u>	<u>Offset</u>	<u>PL</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	-	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	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	WA6OIB	146.61	-	141.3

Anniversaries:

9/20 Judy and Dave KI6JQ
9/22 Karin and Arlen, WB6VAF

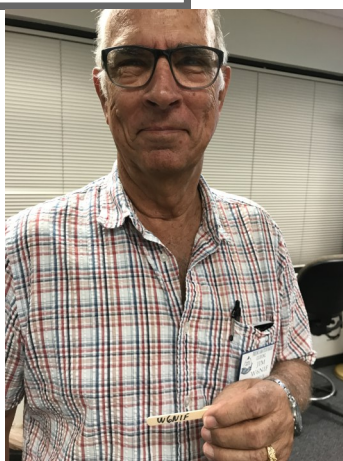
Ten meter net, CW and Phone, every Wednesday
 7 P.M. for CW at 28.140
 8 P.M. for SSB at 28.445

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.

Birthdays

9/15 Thomas KE6QHA
9/25 Jerry K6PKO
9/27 Craig W6CMR



The monthly attendance prize!

The attendance prize in August was won by Jim, W6NIF, who was present. Must be present to win.

Attendance prize will be \$10 next month.



Fresno Amateur Radio Club

FRESNO AMATEUR RADIO CLUB, INC.

2017 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.

November 18

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. 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

T-HUNT

Membership in a radio club is not a requirement to join in on the fun, but a radio tuned to the hunt frequency of 146.565 MHz is.

Upcoming Transmitter Hunt Dates

- Please arrive early to check in for the Saturday hunts
- Please use and monitor the K6ARP repeater during the hunt for voice communication.

Future hunt dates:

**Nov. 11 (at
the FARC
Swap meet)**



THE DX CORNER

By Charles McConnell W6DPD

September 2017

"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.

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.qslbureau.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 been increased. Overseas postage is \$1.15; domestic postage is \$0.49 for 1 ounce. Additional ounce for domestic mail will be \$0.21. Postcards are \$0.34.

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 **J28PJ** for 3 to 5 years

Djibouti **J28ND** Now

Ascension Island **ZD8D** maybe an October 2011 start

Angola **D2CQ** February 2010 for a few years

Gabon **TR8CA** September 15 for 4 years

Galapagos Island **HC8/G80FQ** Postponed

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

Central Kiribati **T31** Planning for sometime in 2017

Franz Joseph Land **RI1FJL** soon until July 2018

Corsica **TK/DJ0TP** now through September 8, 2017

Mauritius **3B8/PA3HGT** September 5 to September 27, 2017

Botswana **A25AL** September 7 to September 15, 2017

Botswana **A25BI**, **A25SP**, **A25BE** September 15 to September 25, 2017

Mauritania **5T5OK** September 18 to September 26, 2017

Samoa **5W0RA** September 9 to September 28, 2017

Liechtenstein **HB0/DL2SPY** September 9 to September 15, 2017

Galapagos Islands **HC8M** September 14 to 21, 2017

Svalbard **JW/OM6TC** September 15 to September 20, 2017

Madeira Island **CR3W** September 17 to September 27, 2017

Minami Torishima **JG8NQJ/JD1** mid October to mid December 2017

Temotu Province **H40GC** September 30 to October 20, 2017

Guinea **3XY4D** October 27, through November 6, 2017

Temotu **H40GC** October 3 to October 17, 2017

Christmas Island **VK9XI** October 2 to October 10, 2017

Cocos-Keeling Island **VK9CI** October 10 to October 17, 2017

Sao tome and Principe **S9CQ** October 12 to October 21, 2017

Cocos-Keeling Island **VK9CZ** October 23 to November 6, 2017

Agalega & St. Brandon **3B6**, **3B7** October 17 to October 29, 2017

UK Bases on Cyprus **ZC4MK** October 27 to October 31, 2017

Guinea-Bissau **J5T** November 13 to 25, 2017

Mellish Reef **VK9AA** November 3 to November 16, 2017

Burundi **9U4M** November 6 to November 17, 2017

Tanzania **5H3DX** November 7 to December 4, 2017

Rodrigues Island **3B9HA** No licenses have been issue for Rodrigues Isl

Spratly Islands **9M0W** March 10 to March 20, 2018

West Malaysia **9M2MRS** December 1, 2017 through January 2018

Bouvet **3Y0Z** Planning for late 2017 or early 2018

Trinidad **ZZ0T** sometime in 2018

Vanuatu **YJ0GB** March 2 to March 19, 2018

Baker Howland **KH1** In the planning stages now



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. 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.

RF Path info:

<http://www.scadacore.com/field-tools/rf-path/rf-line-of-sight/>



EC Report for August 2017

Hi All,

The schedule for the month of August is always a slow: 4 Monday Night EmComm Nets and 1 EmComm and Coffee and 1 EmComm Monthly Meeting.

Uniform DC Power Connectors

At last month's FC EmComm Meeting Chris (KJ6OUG) held a training session on Anderson Power Poles. It was decided to adopt these connectors as our standard connector for the group. Yes they are a little expensive but not bad. These connectors are great in our opinion and are simple to install with the crimping tool. They come in three amperage ratings that would pertain to amateur radio use, 15, 30 and 45 amp. At the meeting we discussed having several training sessions where we would build adapters. If these units are used, people who would not want to change their whole station over to power poles could comply with the rest of the group.

Anderson Power Poles also carries devices that allow you to make great emergency battery boxes. These consist of cigar lighter outlets, volt/amp meters, Power Pole outlets, switches and many other items.

We will be discussing these thoughts at the next meeting so be sure to attend.



Continued on the next page

Continued from previous page

August EmComm Meeting (What you missed)

The meeting was very interesting; we discussed several topics that will affect us all.
Ranking of ARES operators through education and experience
Mandatory classes and certification
Standard frequency list to be the first 20 channels on your handheld and Mobil
FC ARES Skills Inventory

These subjects will continue to be discussed at future meetings and nets. The updating of our ARES Group should make us more professional in the eyes of our served agencies as well as other ARES Groups.

Public Service Calendar **Upcoming EMCOMM Events**

September 16, 2017 - Tour de Fresno Bicycle Ride
October 14, 2017 - Bass Lake Double Century Bicycle Ride

If you are interested in the working any of the events please either go to the CARP website or contact me.

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 g_greenberg@att.net

Our Calendar

Don't forget the **Monday Night EmComm Net** at 19:30 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. Our next meeting will be **September 28, 2017 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

Glen, N6HEW talking to Ron, N6MTS



LANGUAGES USED IN CODE TALKING

During World War I and World War II, a variety of American Indian languages were used to send secret military messages.

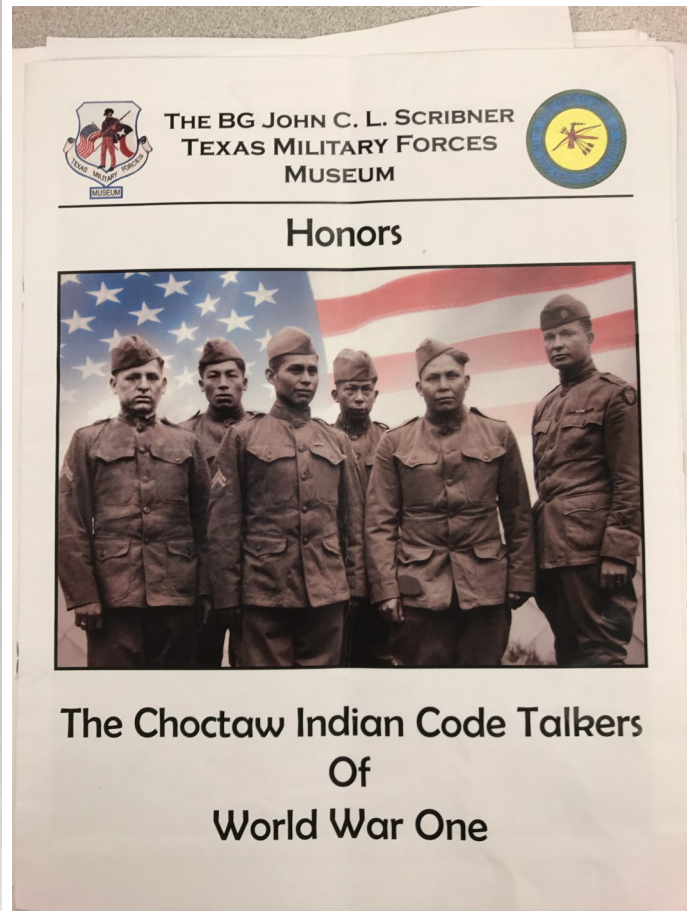
Here are the American Indian Code Talkers' languages and the numbers of tribal members who served, if known. There were at least two Code Talkers from each tribe.

World War I

- Cherokee
- Cheyenne
- Choctaw (15)
- Comanche
- Osage
- Yankton Sioux

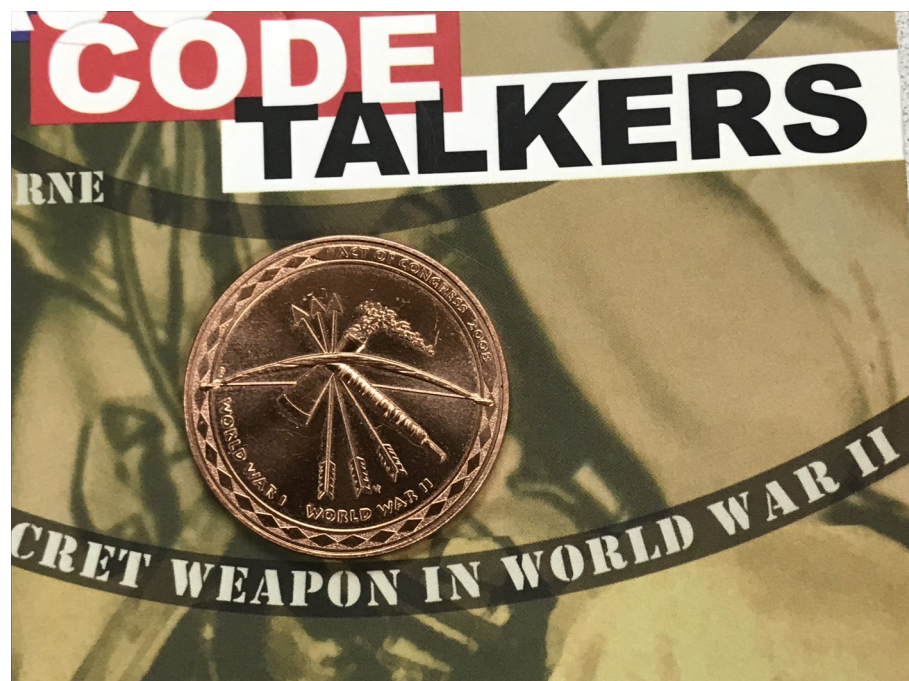
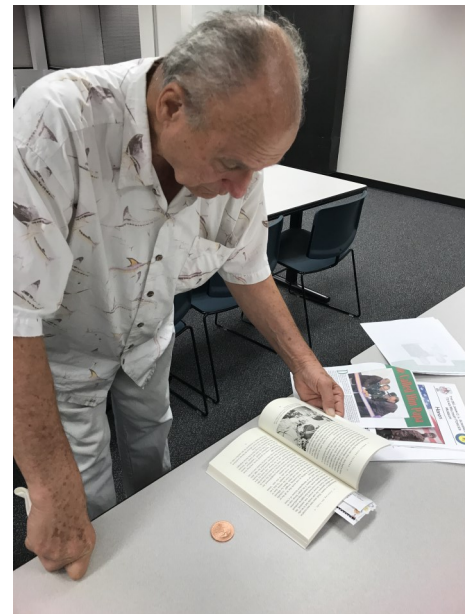
World War II

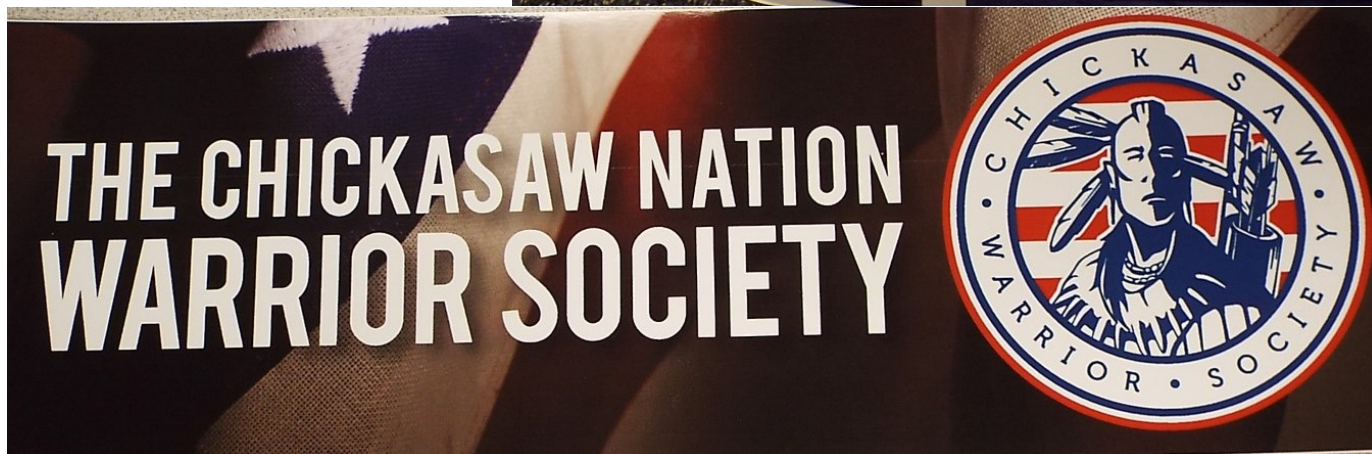
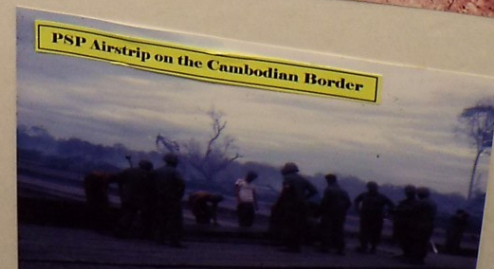
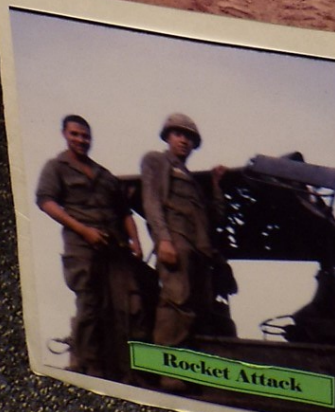
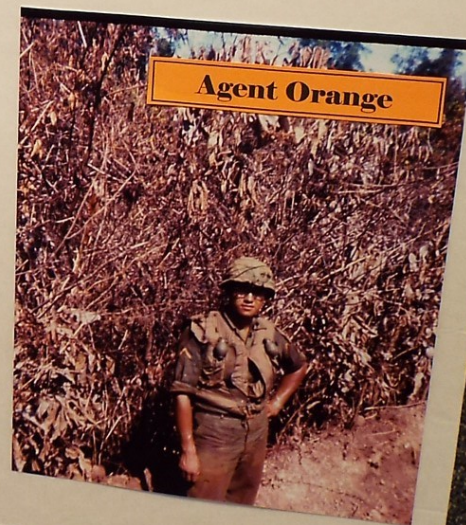
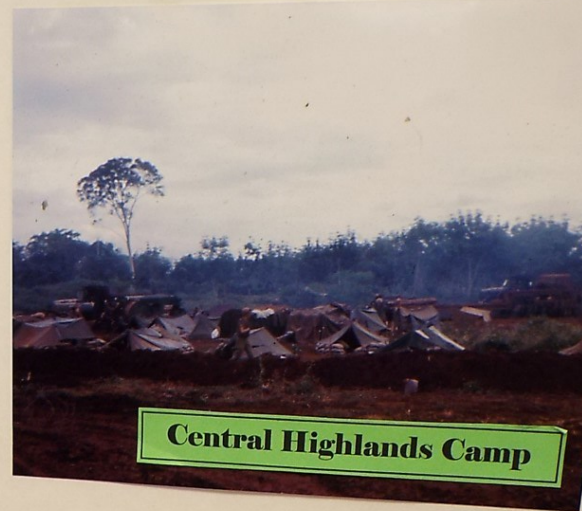
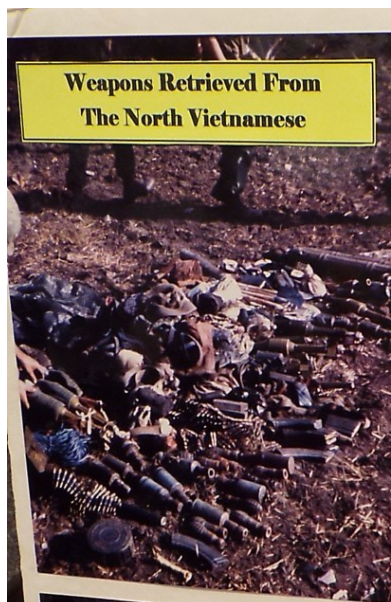
- Assiniboine
- Cherokee
- Chippewa/Oneida (17)
- Choctaw
- Comanche (17)
- Hopi (11)
- Kiowa
- Menominee
- Muscogee/Creek and Seminole
- Navajo (about 420)
- Pawnee
- Sac and Fox/Meskwaki (19)
- Sioux – Lakota and Dakota dialects



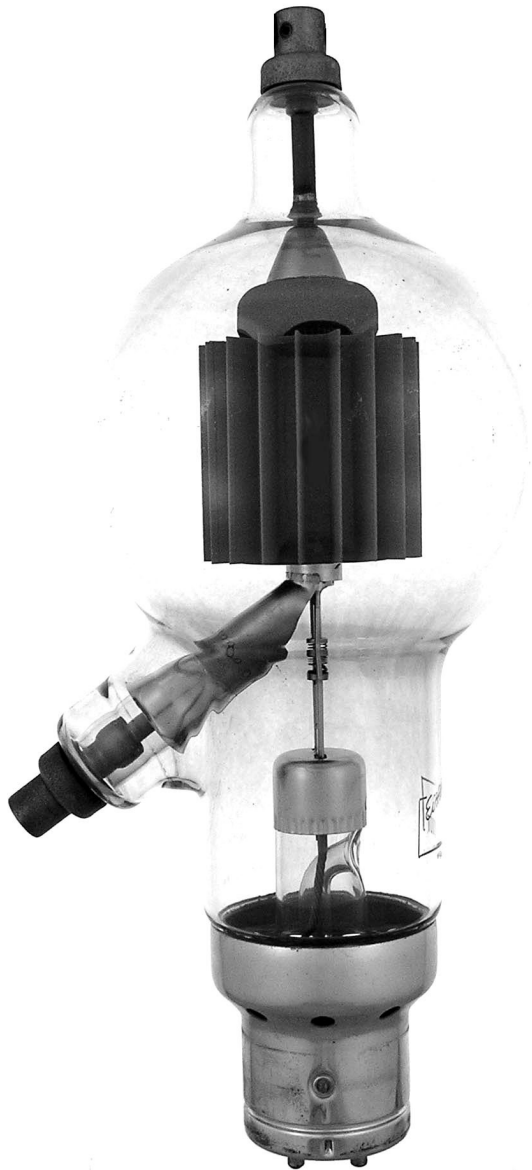
Pete, W6LAW, looking at the display at the August FARC meeting, where Jim Anderson gave a talk on the Code Talkers from WW I and WW II.

There was a good turn out of nearly 50 people to hear this very interesting talk.





Tube of the Month The 1000T



The EIMAC Company produced a series of glass power triodes for all power levels from the 25T to the 2000T by about 1943. Many of the tubes, at least up to the 450TH size, were widely used by the military in WWII and became very popular with hams after the War when they became surplus. The very large tubes, the 1500T and 2000T, may not have been used by the military to any extent. The 1000T also seems not to have had a military history and today is one of the most uncommon of the EIMAC power triodes.

The 1000T was always a mystery to me as the advertisements for the tube always showed it with a stem sticking out of the base like a lolly pop stick.

I always wanted to at least see one to examine that stem. When I was able to add one to the collection, there wasn't a stem, but there was a hole in the middle of the base. That stem was obviously important to EIMAC who always illustrated it. A clue may be the use of the old 4 pin bayonet "50 watt" socket. That socket was used with power tubes like the 250TH which had a filament that drew 50 watts. When they made the 450TH, with its 90 watt filament, they wired the filament leads in parallel to carry the current. The 1000T tube drew 116 watts and had the same parallel filament leads. I believe the increased heat combined with the poor air circulation in the socket required forced air cooling in the base and the air stem was required to cool the filament seals. The larger triodes used a special heavy duty base that had an air tube molded into the ceramic. Even if the tubes were available in surplus, the hassle of adding a small air pump would not

have been a popular feature.

During the War, research on a new tetrode line of tubes in this power class culminated in 1947 with the offering of the 4-750A/4-1000A and that may have sealed the fate of the old triode. Today it's just rare and beautiful.

Visit the museum at N6JV.com Norm N6JV

FARC's Used Ham Gear For Sale

This equipment was kindly donated to FARC for sale

All proceeds go into the FARC general fund. The sales manager/receiver of payments is the FARC Treasurer, Ron Hunt, N6MTS. The purchase of all items is on a cash-only, "first-call / first-come" basis, and will commence immediately upon the release by email of the September SKIP newsletter to all current FARC members.

**All purchases are by phone contact to Ron Hunt (559) 289-8514 (from 9AM to 10PM) daily.
(If no answer, please leave a message and your call will be returned ASAP).**

Each item will be considered sold ONLY when payment is received by Ron Hunt. Any items not sold before November will be available for sale to the general public at the FARC November swap meet. Items for sale are as follows:

	<p><u>These 3 items are sold as a <i>complete station</i>:</u></p> <ul style="list-style-type: none"> *KENWOOD TS-50 Transceiver (160M – 10M) with microphone, power cord, and manual *KENWOOD AT-50 Automatic Antenna Tuner (to match TS-50) with all cables and manual *KENWOOD PS-40 Power Supply with cord, no manual <p>Each item has been checked for correct operation. (The only problem found is that the TS-50 will not transmit on 12M band). Works well otherwise.</p> <p><i>\$500 takes all</i></p>
	<p>Am-Com, CSS1, Clear Speech DSP Mobile Speaker No Manual Untested</p> <p><i>\$75 takes it</i></p>
	<p>MFJ-259B, Antenna Analyzer Internal batteries removed, no external power supply included Includes manual Tested OK</p> <p><i>\$150 takes it</i></p>
	<p>MFJ-260C Dry Dummy Load (compact & light with no-oils) SO-239 connector and includes manual Tested OK</p> <p><i>\$40 takes it</i></p>

Fresno Amateur Radio Club

 <p>YAESU YS-500 IN-LINE WATTMETER & SWR BRIDGE FOR 140-550 MHz</p>	<p>Yaesu, YS-500, Antenna SWR Bridge and Wattmeter SO-239 connectors and includes manual Tested OK</p> <p style="text-align: right;">\$50 takes it</p>
 <p>DAIWA CN-101L INSTRUCTION MANUAL SWR & POWER METER CN-101 CN-102 CN-103</p>	<p>DAIWA, CN-101L, Antenna SWR Bridge and Wattmeter SO-239 connector and includes the manual Tested OK</p> <p style="text-align: right;">\$60 takes it</p>
	<p>KENWOOD TS-742A Triband VHF/UHF Transceiver Includes 144Mhz and 440Mhz standard and the optional module appears to be 220Mhz--No manuals... Control head is removable and includes its extension cables Includes remote speaker and its extension cables Includes microphone and its extension cable Includes mounting brackets and power cable This item could not be tested because the radio will not power-up Being sold as a tech special and AS-IS</p> <p style="text-align: right;">\$100 takes it</p>
	<p>COMET CFX-324 Antenna TriPlexer/Combiner Covers 144Mhz, 220Mhz, and 440Mhz bands Remote connectors as shown in picture Untested and no manual</p> <p style="text-align: right;">\$60 takes it</p>
	<p>DIAMOND CR320ANMO Triband Mobile Antenna Includes tiny cable (RG-177?) and small SMA connector Includes SMA to PL-259 adapter Includes 2 bases, for trunk-lip mount or hole-stud mount Untested and no manual</p> <p style="text-align: right;">\$50 takes it</p>

All sales are final and non-returnable, EXCEPT the TS-50 station (final after 7-days).

Here is an interesting tid-bit of news in case you might have missed it on the ARRL newsletter.

Hara Arena -- Hamvention's Former Home -- to be Auctioned by IRS

Hara Arena, the former home of Hamvention®, is going on the auction block, the IRS has announced. The now-beleaguered building and grounds were closed a year ago last month by the owners, the Wampler Family, which, for years, had attempted unsuccessfully to put Hara on a profitable plane. The minimum bid is \$850,000; proceeds will satisfy a tax lien. The auction comes in the wake of an *Order of Sale* entered in the US District Court for the Southern District of Ohio. The IRS will take bids on August 30 on the 1001 Shiloh Springs Road site, starting at 11 AM ET (bidders must be registered by 10 AM ET). An "open house" for prospective bidders will be held on August 29. According to the announcement, "any rights, titles, claims, liens, and interest" in the buildings and land will be discharged once a sale is confirmed. The auction brochure includes several recent photos of the Hara Complex.

"Hara Arena is a six-building complex that contained an ice rink, ballroom, conference hall, concerts seating, sports events, shows of unlimited venues and restaurant," the auction announcement stated, noting that the two land parcels that make up the site in the Dayton suburb of Trotwood comprise slightly more than 25 acres.

Prospective bidders must put up \$170,000 in earnest money to be eligible to take part in the auction. Payments must be by certified or cashier's check.

"No bids will be received from any person who has not presented proof that, if he or she is the successful bidder, he or she can make the deposit required by the *Order*," the announcement said. Sale of the real property shall be subject to confirmation by the Court.

Hara Arena served as the home of Hamvention from 1964 until 2016, before it was closed last summer. Soon after, Hamvention's sponsor, the Dayton Amateur Radio Association (DARA), announced that it would be relocating the country's most popular Amateur Radio gathering to the Greene County Fairgrounds and Expo Center in Xenia, where Hamvention 2017 took place in May. Last November, an online auctioneer took bids on a variety of items from the former Hamvention home, many of which went to nostalgia buffs or those having some sentimental connection with the facility.

Hara Arena had been facing long-standing financial problems that included unpaid property taxes and unresolved family issues. Promised renovations never materialized for the 2016 Hamvention, which attracted more than 25,000 visitors, worth millions of dollars to the Dayton-area economy.

The Wampler family had owned and operated Hara Arena since its humble origins in the 1950s, when Wampler Ballarena -- then a dance hall and more recently an exhibit hall familiar to Hamvention visitors -- was built in what had been a family-owned orchard.



Fresno Amateur Radio Club



Fresno Amateur Radio Club



August 2017 UHF Contest

Six hams from our central SJV area decided to enter the new ARRL UHF and UP contest that was held on the first weekend in August.

It was quite a tale, involving more than 6,000 miles driven, operation from 13,000 foot peaks, and crazy dedication with 10 radios and antennas per person.

The ARRL UHF contest existed before this, and was started by Wayne, N6NB, back in the 1970's. However, this year the contest changed rules to mileage based scoring, essentially creating a new contest.

Operators Dave, W6TE, Jim, N6JMK, Jason, N6EY and his wife and daughter Kris, N6KYS and Kaylie, N6KLO, along with John, K6MI and his brother George, WB6ITM, joined Wayne, N6NB, in driving out to Denver, Colorado, for the express purpose of setting a new record, using the high Rocky Mountains, and the line of sight grids that can be seen from there.

The antennas in the top left picture show the antennas for the bands from 220 Mc. Up to 10g. 24g was a stand alone unit that can be seen on the next page being held by John, K6MI. The top home made quad antennas for 220 and 432 Mc. were made by Wayne, N6NB, and the dimensions are on his web site. They needed a little bit of straightening after arriving in Colorado.

While Wayne drove from grid to grid, the other stations drove to 13,000 feet on Mt. Evans, fighting rain, wind, and altitude sickness. 10 and 24g does not go through rain, unfortunately.

Great fun was had, but next year the activity will be on the West Coast, as this was probably a once in a life time deal.

For the September VHF contest (see frequency list on next page) there will be activity in our area.

Fresno Amateur Radio Club

Coming soon is the **September VHF contest**, held each year on the second full weekend in September. This contest uses all bands from 6M on up.

Simplex Frequencies:

6 Meters 50.125MC. & up SSB, 52.525 FM
2m 144.2 and up SSB
146.52 and up for FM (any FM SX)
220Mc.- 222.1 SSB, 223.5 FM
440 - 432.1 SSB, 446.0 FM
902.1 SSB, 927.5 or 927.6 FM
1.296.1 SSB, 1.294.5 FM



Fresno Amateur Radio Club

2050 H ST.
FRESNO
93721



Jack C. Arbuckle Company

CENTRAL CALIFORNIA DISTRIBUTORS OF
ELECTRONICS FOR RETAILERS AND INDUSTRY
WWW.JCAELECTRONICS.COM

JEFF MOORHEAD
BRANCH MANAGER - FRESNO
SALES@JCAELECTRONICS.COM

500 E. 19TH ST.
BAKERSFIELD
93305

FRESNO
(559) 264-6554
FAX (559) 264-6557

Thomas L. Whitlock



WHITCOMM
ELECTRONICS

Parts & Supplies Distributor

105 W. DAKOTA, #106 • CLOVIS, CA 93612 • 559/294-0977

Your add or card here!
Talk to Ron, N6MTS, about the yearly fee!



M2 ANTENNA SYSTEMS, INC.

Michael Staal
V.P. & Designer
K6MYC

- Antenna Design & Production from DC to Microwave
- Machine Work & Manufacturing Services
- System setup & Installations

4402 N. Selland Ave. Fresno, CA 93722
559.432.8873 Fax 559.432.3059 website: www.m2inc.com



TELEWAVE, INC.

Wireless Communications Manufacturer since 1972

Designs & Manufactures
High-Quality Radio System Products for the
AMATEUR RADIO INDUSTRY

Transmitter Combiners • Antennas • Filters • Wattmeters • RF Power Monitors
Cello • High-Q Cavities • Preamplifiers • IM Suppression • Receiver Multicouplers • Preselectors
Duplexers • RF Loads & Terminations • Isolators • Wireless System Engineering

► Order Today! 800-331-3396 ◀

660 Giguere Court, San Jose, CA 95133

Email: sales@telewave.com • <http://www.telewave.com>



Central Valley's CB & Ham Radio Headquarters

SALES • SERVICE • INSTALLATION

(559) 277-4RED (4733)
www.redmonkeycb.com

3439 S. Chestnut Ave.
Fresno, CA 93725

Fresno Amateur Radio Club

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

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.

**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**

**Annual swap
meet in Novem-
ber**

Fresno Amateur Radio Club - Membership Application

Name _____ Date _____
Address _____ Call Sign _____
City _____ State _____ ZIP _____
Home Phone _____ Cell Phone _____
Occupation _____ Birthdate _____
License Class _____ Year 1st 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: