



FARC
Next meeting
The meeting will
be at the Sept.
picnic!
The board is look-
ing for a new
meeting place for
Oct. and beyond.

FARC BOARD
meetings by ar-
rangement. Talk to
a board member!

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
Morning Net 7:30
A.M.

Web page:
W6to.com

Membership Drive!!!!!!!!!!!! Keep your dues active, and your data up to date.

Dues! The Fresno ARC encourages all old and new members to fill out the form on the last page of any Skip and send with checks to the club P.O. Box. Remember to make checks out to "Fresno Amateur Radio Club, INC.. 2025 dues can be paid now! Use the last page of Skip.

The nominating committee, formed at the Aug. meeting, reports at the September meeting, where last minute nominations are taken for next years board.

No meeting in September— instead our yearly picnic at Ken and Gwynne Holden's place on Sat. Sept. 27, 4 P.M. Swimming and a pot luck, followed by Bingo! Address in QRZ.com

Fresno Amateur Radio Club Barbecue & Swim Party

When: Saturday September 27th, 2025. Festivities start @ 4:00PM With munchies----meal to commence @ 5:00PM.

Where: Holden Rancherita---2549 E. Copper Ave., Clovis. (Between Willow & Chestnut, North on Willow or Maple and turn West from Willow or East from Maple on Copper ½ mile to 2549 or call...289-2891 for directions)

Activities: Swimming, Ping Pong, Fellowshiping & Out-side Bingo with Fabulous prizes!!

Menu: BB-Q Tri-tip, Appetizers, Ice Tea, Lemonade & Water to be provided. Side dishes, salads, desserts (homemade ice cream –YUM!) to be provided by members "Pot Luck" style. Sign-up on webpage:

www.luckypotluck.com/potluck/w6to25

Or call Gwynne @ 994-7658 for guidance.

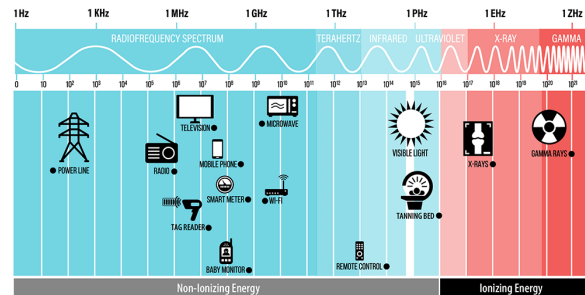
SEE Y'ALL THERE!!!!

Oct. meeting:

Welcome back! Here is a press release for my talk at the October Radio Club Meeting: FCC Regulations on RF Hazards To the Public and Amateur Radio Operators.

The FCC has revised their regulations about how much direct exposure to radio frequency radiation is allowed. They distinguish ionizing and non-ionizing radiation as well as how to measure directly or how to calculate how much radiation is permissible.

There is always some radiation even with minimal power, but it increases with antenna issues and power emitted. Frequency is important there too. This will be a talk on the nature of radiation and how it may have harmful effects on people.

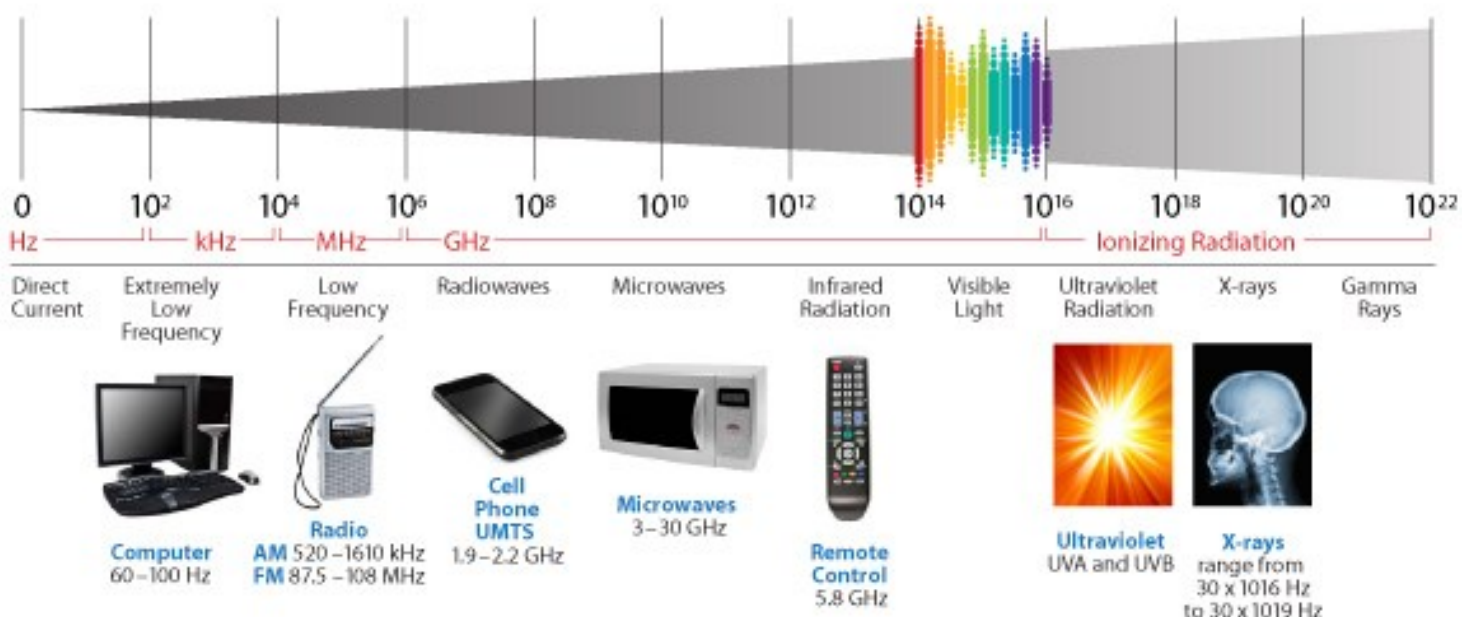


Here is a possible picture and some copy for the September Skip regarding my talk on RF exposure in Ham Radio.

Medical Aspects of Ham Radio RF emissions and the FCC regulations: The October 10 FARC meeting will feature a “world renown” (well at least on 10 meters I can talk to the other side of the planet) expert on Medical aspects of RF on the body and The FCC regulations. Learn what too much RF can do. What is too much RF. How to quantify it, how to protect yourself from too much exposure and how to either measure or calculate it. We will also discuss the difference between ionizing and non-ionizing radiation (we emit the latter). This should be an enjoyable presentation on a sometimes confusing subject. See you all there. Joe, W0PJD.

Electromagnetic Spectrum

Frequency (Hz)



Fresno Amateur Radio Club



Eli KN6FZH has been coming to the meetings, going on the hidden TX hunts, and taking pictures at club events.

At the August meeting he actually paid his dues and became an official member, and managed to win the attendance drawing as well.

When you hear him on the air make sure and say hi!

Pictured below are two views of Pat W6YEP's collection of Bird watt meters and slugs to go with them.

You can tell he has been in the business for quite some time to have accumulated and needed so many!



17th Annual 13 Colonies Special Event

JULY 1ST - 7TH 2025

★ K2A/NY
★ K2B/VA
★ K2C/RI
★ K2D/CT
★ K2E/DE
★ K2F/MD
★ K2G/GA



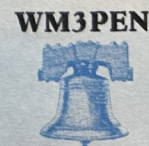
1776



★ K2H/MA
★ K2I/NJ
★ K2J/NC
★ K2K/NH
★ K2L/SC
★ K2M/PA

THIS CERTIFICATE CERTIFIES THAT ARS: W6NIF HAS PARTICIPATED IN THIS ON - AIR
AMATEUR RADIO EVENT HONORING THE ORIGINAL THIRTEEN COLONY STATES, OUR
INDEPENDENCE, & OUR ACTIVE MILITARY / VETERANS. 

THIS YEAR'S EVENT HONORS KEN VILLONE (KU2US), WHO CREATED THE 13 COLONIES SPECIAL EVENT IN 2009



13

CONTACTS

One of the fun yearly events is the 13 Colonies Special Event, where you try to work as many of the original colonies during the first week in July.

The stations are on a variety of bands and modes, all HF of course. There are a couple of bonus stations, WM3PEN in Philadelphia, a station in England and one in France.

This is a certificate that Jim W6NIF received for working all the colonies, which is something he has done for many years. It is a good work out for the station and quite fun during the chase.

Fresno Amateur Radio Club

Bob KK6LT pictured on the left is a long time member who just had open heart surgery and is now recovering.

The pictures below are from the August FARC meeting, with informational news and demonstration of different hand held radios. Aaron K6USY had the details! First prize was a MFJ Memory Keyer.

The raffle table was full of great items. Thanks to Jim W6NIF, who also brings the coffee.



FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Ken Holden, WA6OIB Pres.	wa6oib@w6to.com	(559) 289-2891	12/2026
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 Duane KI6QEL FARC Net Manager
Skip Editor John Morrice, K6MI k6mi@pacbell.net (559) 275-7373 (559) 906-7031 cell



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

On the even years four directors are elected, and on odd years three directors are elected.

For sale adds on the next to last page of Skip!

Take advantage of the opportunity to send your ads to K6MI at pacbell.net

Sept. No Meeting Picnic Sat. Sept. 27

Sept. 13-14 VHF Contest

Oct 4-5 Cal QSO Party

Oct. 10 meeting 7 P.M. Second Friday

San Joaquin Valley Nets:

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 3918 khz, 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 3.857.5 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.

Jefferson Noon Net 7.204 Mc. Mon. to Fri. 11:30 A.M. to 12:30 P.M.

Just Another Net 7.204 Mc. Sat. and Sun. 11:30 A.M. to 12:30 P.M.

Sunday Night FARC 2m net 7 P.M. 146.94 Mc.

QCWA Monday at 7 P.M. on 146.85 pl 141.3 net

Sunday and Wed. Night 2m Bozo Net, 7:30 P.M. 144.24 Mc. USB

Monday 220 Mc. 7:30 P.M. USB 222.1 Mc followed by check ins on 50.140 Mc. USB

Tuesday 7:30 P.M. USB 1296.1 Mc.

Thursday 7:30 P.M. 432.1 SSB net

Wednesday 7 P.M. 10M cw net, 28.140

Wednesday 8 P.M. 10M ssb net 28.445

Every Wednesday night is an enjoyable time for all ham operators. At 7PM local time, there is a CW net on 28.140 MHz-the NCS founder is Guss, KF6ZXO, and John K6KEP currently welcomes all hams regardless of CW speed. Then around 8 PM local, there is the USB net on 28.445 MHz.

The *Noontime Net* is a public service Amateur Radio Net that meets everyday on 7284 kHz. and 3970 kHz. with an alternate frequency of 7265 kHz for both nets.

Backup FARC repeater if 146.94 is down—

146.61 pl 141.3

Future ham exams in 2025 are Aug. 16 and Nov. 15

Exams are held at Hines Hospice on Shaw Ave

Next QCWA lunch Sept. 23. Tuesday Noon.

Fresno Amateur Radio Club

Local Amateur Radio Repeaters

Organization	Call Sign	Frequency	Offset	PL
CARP	K6ARP	146.865	-	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 backup	WA6OIB	146.61	-	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	K6ELK/R	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	KJ6OUG	147.150	+	141.3
KE6JZ	KE6JZ	146.820	-	141.3
TURLOCK ARC	W6BXN	147.030	+	100.0
Fresno Low	K6WGJ	145.43	+	141.3
Meadow	N6VRC	147.165	+	141.3
Meadow	N6VRC	440.025	+	141.3
Santa Rita	N6VRC	147.285	+	141.3
Santa Rita	N6VRC	442.275	+	141.3
Visalia	N6VRC	442.525	+	141.3
Porterville	N6VRC	443.825	+	141.3
Fresno Low	K6WGJ	444.975	+	141.3
Bear Mt.	N6VRC	443.950	+	141.3
Mt. Bullion	N6VRC	442.350	+	141.3
Bear	N6VRC	927.05	+	141.3
WA6IPZ	WA6IPZ	52.84	-	82.5
Tulare CARC	WA6BAI	146.88	-	103.5

Birthdays

9/5 Larry AD6W
9/7 Don KN6TZW
9/8 Marcus KG6QNY
9/25 Jerry K6PKO

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.

The monthly attendance prize!

The drawing for \$40 at the Aug. meeting was won by Eli, who was there!



Keep info up to date- thanks to Jim W6NIF for managing the data base!

Anniversaries

Next drawing -\$10 at the Oct. meeting. Must be present to collect.

Amateur Radio Exam Session

Exams offered for Technician, General, and Amateur Extra Class

What to Bring:

1. Photo Identification - State issued Drivers License or ID Card, Passport, or Military ID Card.
2. FCC Registration Number (FRN) - Required prior to exam, see details below.
3. (if upgrading) [Official Copy](#) of current Amateur License or Successful Completion of Examination (CSCE certificate)
4. Valid Email address
5. Fee \$15.00 per test session. Exact change please.

CORES FRN Requirement - Applicants must use an FCC Registration Number ([FRN](#)) for all license transactions with the FCC. Examinees must [register in CORES](#) and receive an FRN before exam day. Exam Candidates you are REQUIRED to register in the FCC CORES system and receive a FCC Registration Number (FRN) before exam day. Applications that do not have an FRN will be **rejected** by the FCC.

An [instructional video](#) provides step-by-step instructions on how to establish a CORES account, which is necessary for licensees to make administrative updates and download electronic license authorizations.

Email address - All filers [must provide an email address](#) on all applications. When an email is provided, applicants will receive an official electronic copy of their licenses once granted (allow incoming email from authorizations@fcc.gov). If no email is provided when filing applications will be rejected. ARRL VEC suggests that those without access to email to use the email address of a family member or friend.

FCC Application Fee - The \$35 application fee applies to new, renewal, rule waiver, and modification applications that request a new vanity call sign. The fee is per application.

Administrative updates, such as a change of name, mailing or email address, and modification applications to upgrade an amateur radio licensee's operator class or to request a sequentially issued call sign, are exempt from fees.

The fee will be per application.

When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 calendar days from the date of the email to pay through the FCC [CORES](#) system.

Number of People Who Will Attend

Everyone \$15.00

** This can be your primary registrant type. Only one primary registrant type is allowed per registration.*

The following is the exam schedule for the 2025 year:

UPCOMING VE TEST SESSION

NOV 15 Amateur Radio VE Exam - Fresno

All sessions will be at Hinds Hospice on Shaw Ave in Fresno

Tube of the Month

304T

In 1940, EIMAC tried using four 75T tubes in parallel and designated it the [304T](#). The 304T had plates with caps and external grid connections. A cup shield that was concave down was added later (2nd example). I believe the shield is used to protect the glass seals from overheating due to the proximity to the extremely hot anodes and grids. Experiments were made to make the grids connected internally (3rd example).



By 1941 the [304TL \(VT-129\)](#) with a mu of 12 and the [304TH \(VT-254\)](#) with a mu of 20 were being produced. They had an external grid ring and the cup shield was now concave up. The late 1942 production of 304TLs was made with their plates open at the top (4th example). In 1943 the caps returned to the covered type and with the external grid ring for the first 3 months. In May of 1943, the grids were all internally connected (5th example). The 304TL was made in great numbers especially in Salt Lake City. In 1941 alone, a total of 544,473 TLs were made. The TLs were used primarily as pulse modulators most commonly in the Army SCR-584 RADAR. With the great demand for these tubes, the type became copied by competitors especially Heinz & Kaufman. The last (6th) example shows a [HK-304L](#) which had the same Army VT designation in spite of the fact that was a taller tube and may not fit in all applications. The 304L had no internal shield as there were four separate wire seals that were a distance away from the anode/grid heat sources.



QCWA Quarter Century Wireless Association

Next meeting Tuesday Sept. 23, 2025 at noon.

At Huckleberry's, Bullard and Hwy 41, back room- join us for lunch!

QCWA meetings on Monday nights at 7 P.M. on the QCWA repeater, 146.85, pl 141.3

Quarter Century Wireless Association is a national organization, and has dues for the national group. The local group invites everyone to come to the meetings on the air and in person.



Hams can count their number of years from the year first licensed, even if they had some lapsed years.

73, John K6MI president. Jerry K6PKO vice president, Jim W6NIF secretary

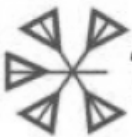


The Tuesday morning breakfast group had a visitor this week— Bob W6AIY is a long time Fresno ham who now lives in Las Vegas (middle left).

He actually lives in Henderson, a suburb of LV.

Also pictured from left to right, clockwise- Jim W6NIF, Charles W6DPD, John K6MI and Jerry K6PKO.

Fresno Amateur Radio Club



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Anything to sell? Send info to
k6mi@pacbell.net for next month's
Skip

Your add or card here!
Talk to the treasurer about the yearly fee!

Looking for input, stories or pictures or
just a sentence about your ham activities
this month for the next. Skip.
Thanks, John K6MI



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For Sale
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Also want Yaesu microphone YE-17
Dennis KI6NVG 559 323-7386
dholloway225057@gmail.com

Swap meet in November and May



Fresno Amateur Radio Club

Dues due in January! 2025 dues can be paid now! If you are a new ham the first FARC year is free!

Fresno Amateur Radio Club — Membership Application

Name _____ Call _____ \$20 Dues ___ Date _____

Street Address City State Zip _____

Home Phone (____) _____ Cell Phone (____) _____

Email ADR _____ (for delivery of Skip Newsletter)

License Class _____ Year 1st Licensed _____ ARRL member _____

Birthday (Month/Day) _____ Wedding Anniversary (Month/Day) _____

Partner's name _____

Additional licensed Family Member(s) in same household (\$5 each)

Name _____ Call _____ Birthday _____

Make checks out to: Fresno Amateur Radio Club, Inc. (Do not abbreviate)

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

