



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.. 2026 dues can be paid soon. Use the last page of Skip.

The nominating committee, formed at the Aug. meeting, reported at the September picnic that three people have stepped up to run for the three open positions for next years board. Incumbents Aaron K6USY and Rob KM6SRR agreed to run again, and Eli KN6FZH will run for the third spot.

FARC
Next meeting
 The meeting will be the Oct. meeting.
The board is looking for a new meeting place for next year.

FARC BOARD meetings by arrangement. 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

Ham Radio Class Forming Now!

Fresno Amateur Radio Club will be holding a 7 week course where you can learn everything you need to earn your General Class FCC **Amateur Radio License**.

Upgrade your Amateur Radio experience and privileges. Start enjoying the fun and fellowship as well as public service that your newly upgraded license will provide. Explore and work the VHF/UHF/HF bands using the rights earned as a General Class Amateur.

Classes begin on
September 30 at 6:00 PM (7 Tuesdays in a row)

Testing will be administered on Saturday November 15

Peoples Church (corner of Cedar and Spruce)
Ministries Building Conference Room East side of campus.

Registration is required.

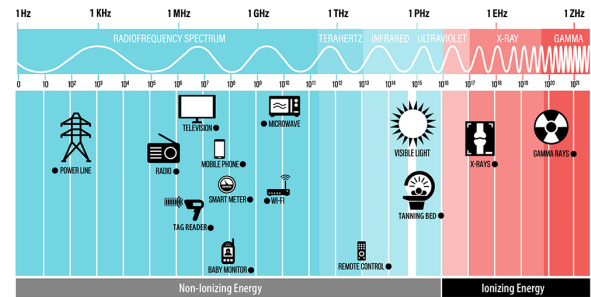
To join the class, contact:
 Ken Holden WA6OIB
 559-289-2891 or ken9@pipeline.com

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.

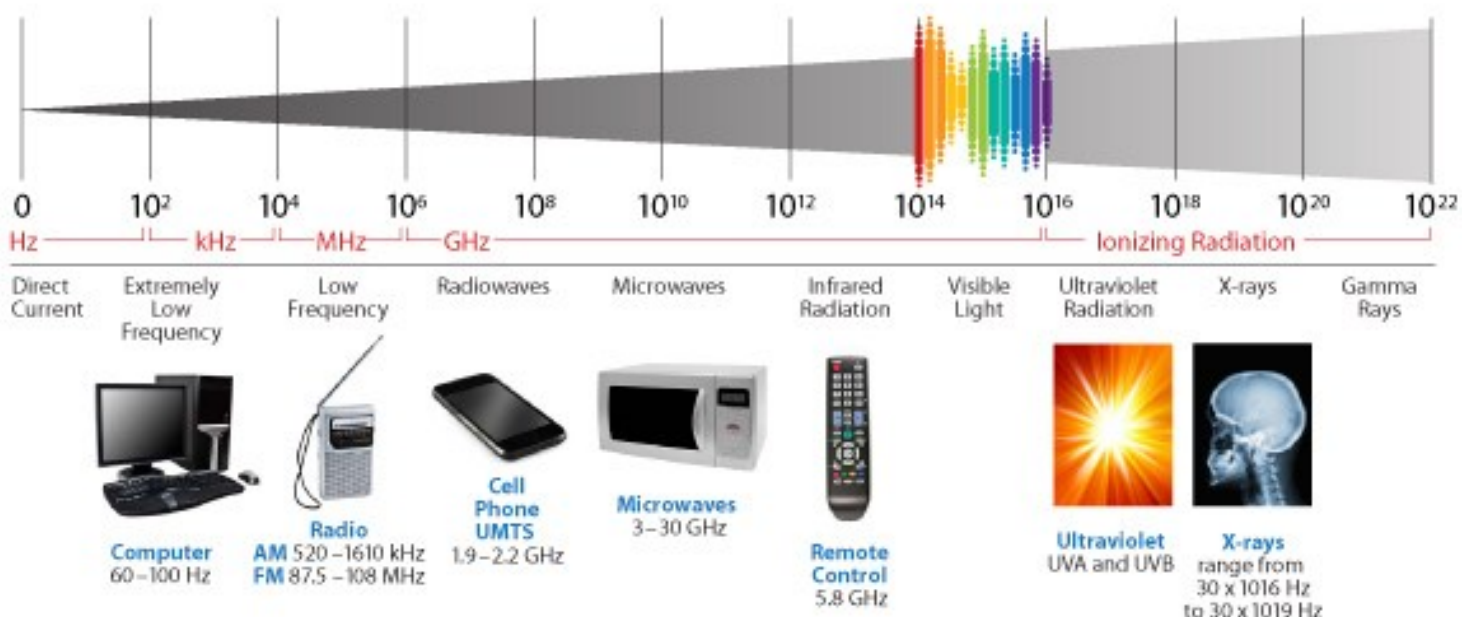


Here is a possible picture and some copy for the September Skip regarding my talk on RF exposure in Ham Radio.

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)



Were will the meeting be held? Listen to the W6TO repeater for instructions!

Fresno Amateur Radio Club



Pictures from the Sept. FARC picnic at Ken and Gwyenne's place.

Jim W6NIF proudly showed his I love FT8 shirt, and he really has been working the world with that mode.

As always the food was great! The green beans and patato salad were a hit, and the BBQ meat was as tasty as ever.

There were deserts galore!

The tri-tips were smoked to perfection and there were all sorts of dishes!

The October meeting will be held at a secret meeting place. To find out at the last minute where it is tune into the W6TO repeater, directions will be given out.

Or get your hidden TX equipment ready and hunt the meeting down!



This Is What H.A.M. Stands For

While there are many origins on what H.A.M. in Ham Radio stands for, here are some possible variations on that. See how many of these you can relate to!!

1) Have Another Meal or Have A Muffin -- Two things hams love to do are talk and eat...and if you eat ham, you're cannibalistic (hi hi).

2) Haven't Any Money -- considering the prices of hardware, software, accessories, as well as meals at restaurants, this certainly holds true!!

3) Haven't Any Memory -- when you can't remember what day of the week it is, what net you're supposed to run or check into, where you put your shack items, what your license expiration date is, what your license class privileges are, when you forget to power on the rig, set the right frequency or reflector, test the audio beforehand, hook the antenna back up, etc.

4) Have A Mess -- a cluttered shack is a sign of genius -- don't straighten it up, or you'll goof up my system, as I'm going for the "Bad Shackkeeping Award" (hi hi).

5) Have A Mattress -- eat, ham, sleep, repeat.

6) Have A Marriage -- when you ham, take radio, to be your lawfully wedded spouse -- because you want to zero beat her frequencies, and work up her sideband (hi hi).

7) Have A Meeting -- when you have an eyeball QSO at a restaurant, test session, etc.

8) Have A Minute -- usually a very rare occurrence, when you're so busy with the hobby (hi hi).

9) Have A Malfunction -- when part or all of your shack gear "does the smoke test", or quits working.

10) Have A Motormouth -- for a ham who constantly does a soapbox monologue, and seems to not want or need to "come up for air". Some repeaters, nodes, etc. have one minute timeouts because of this. - **Submitted by: Daryl Stout, N5VLZ, QCWA VHF+ Net Manager**



Did anyone notice that this picture last month showed all the meters in the full scare position, pegged out on the right from the power running through them?

Here is the same picture in the key up position!



The Mt. Diablo Amateur Radio Club presents

PACIFICON 2025

hosting the ARRL Pacific Division Convention

October 10 -12, 2025

San Ramon Marriott Hotel: 2600 Bishop Drive, San Ramon, California 94583



Paul W6VPS communicating with Pat W6YEP at the last QCWA luncheon.

They were quite wired up about the QSO!

FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Ken Holden, WA6OIB Pres.	wa6oib@w6to.com (559) 289-2891	12/2026
Aaron Lusk K6USY V.P.	k6usy@w6to.com (559) 905-4180	12/2025
Marcus Beedle KG6QNY Treas.	kg6qny@w6to.com (559) 360-7444	12/2026
Jim Erbe, W6NIF Sec.	w6nif@w6to.com (559) 903-2200	12/2026
Larry Lion, W6OWL	w6owl@w6to.com (559) 227-5159	12/2026
Dennis Holloway, KI6NVG	ki6nvg@w6to.com (559) 323-7386	12/2025
Rob Egan, KM6SRR	km6srr@w6to.com (559) 281-4730	12/2025



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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

Oct 4-5 Cal QSO Party

Oct. 10 meeting 7 P.M. Second Friday Place TBA

Sat. morning Nov. 8 Swap Meet

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 Nov. 15
Exams are held at Hines Hospice on Shaw Ave

Next QCWA lunch Oct. .28 Tuesday Noon at Huckelberry's near 41 and Bullard.

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	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

10/01 Sharon KF6IMF
 10/01 Bob KK6LT
 10/14 Bernice KN6VDH
 10/23 Ted W6TLM
 10/26 Larry W6OWL
 10/26 Jerry W6KEG

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 NEXT drawing for \$10 will be at the Oct. meeting. Must be present to win.



Anniversaries

10/02 Jill & Jerry W6KEG
 10/06 Gary KN6TZD

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

In the March, 1921 issue of QST, RCA announced that they had added their first CW power tube to their post war lineup. The [UV-202/C-302](#) had construction that was similar to their others tubes with short pins and a brass base. It was rated at 5 watts output. The first 202 tubes I ever found had their bases removed. This was a common practice to get a tube to operate at higher frequency as it reduced capacity.

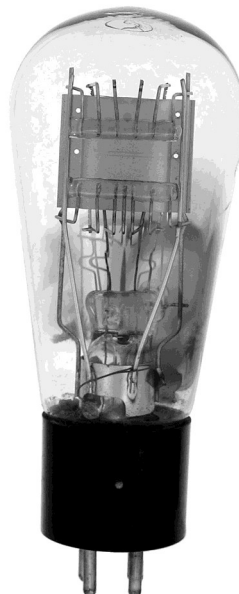
In the October, 1925 issue of QST, RCA announced several new tubes including the [UX-210/C-210](#). The new tube was called a 7 ½ watter and it had the new UX base. That base had long pins and was made from bakelite plastic. The plate voltage for transmitting was 425 volts at 60 ma. When used as an audio amp in a receiver, 90 to 157 volts could be used. The filament voltage was 7.5 volts in a transmitter and 6 volts in a receiver. The mu was 7.7 which made it a better oscillator than the UV-202 was. By 1929 the ARRL Handbook didn't list the 202, but almost every transmitter circuit featured a UX-210 as an oscillator or amplifier sometimes using several parallel tubes.

With an effective monopoly on tube production in 1929, RCA was in control. Control was lost in 1930 when the courts broke the game open when they allowed other makers to build tubes using the RCA patents. Soon production was started at Sylvania ([210](#)), Raytheon ([RK-10](#)), Taylor Tubes and others. RCA made the 10 in a different envelope and designated it a [10Y](#). It was also known as a VT-25-A and was used as the speech amplifier in the WWII BC-375 transmitter that was incorporated in the B-17 bomber and other mobile and fixed applications.

Today these small triodes are all collector's items but audio enthusiasts have made a big market for them.

Visit the museum at N6JV.com

Norm N6JV



QCWA Quarter Century Wireless Association

Next meeting Tuesday Oct. 28, 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

QST QST QST. To All ARRL Pacific Division Members:

By now you should have received the Member Bulletin announcing that ARRL needs your help with generating support in Congress for the passage of the Amateur Radio Emergency Preparedness Act.

Whether you live in a neighborhood or subdivision with antenna restrictions or not, we need ALL licensed Amateur Radio operators to support this legislation.

ARRL has designed an easy campaign. Go to <https://send-a-letter.org/hoa/> insert your Amateur Radio callsign, check to make sure your name and address are correct, then click the big red button that says, "Send My Letters". It's that simple. Your letters will be hand delivered to your Representative and Senators by our Washington legislative team.

Because of work, school or other family needs, many Hams are forced to live in communities with private land restrictions that prohibit the installation of Amateur Radio antennas outside their residence. Many may not have the choice to choose to live in an area without such restrictions. Over time, severe constraints imposed by recorded private land use restrictions have been overturned by Federal law, such as the prohibitions against satellite TV dishes, TV antennas, wireless internet antennas, and even flag poles. However, Amateur Radio operators are still denied the right to put up antennas, even simple ones. While you may live now in an area without such restrictions, the time may come when you might have to move to one with these constraints. That's why we need EVERYONE to support this campaign.

If not for you, then for your current and future fellow Amateur Radio operators, please support this bill. Go to <https://send-a-letter.org/hoa/> and send your letters — it will be a first step to protecting the future of Amateur Radio.

If you've already "Pushed the Button", thank you for support. Please consider your next step. Please share this message with your amateur radio licensed friends and ask them to join you in this campaign.

Look for updates soon. Many thanks for your consideration and support.
73,

John Litz, NZ6Q ARRL Pacific Division Director

Dr Carol Milazzo, KP4MD ARRL Pacific Division Vice-Director

ARRL Pacific Division Director: John T Litz, NZ6Q
nz6q@arrl.org

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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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! 2026 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

