



FARC
Next meeting Fri-
day Aug. 8 - 7
P.M.
The meeting will
be at:
Derrel's Mini
Storage Meeting
Room
3239 W. Ashlan
just East of Val-
entine

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.

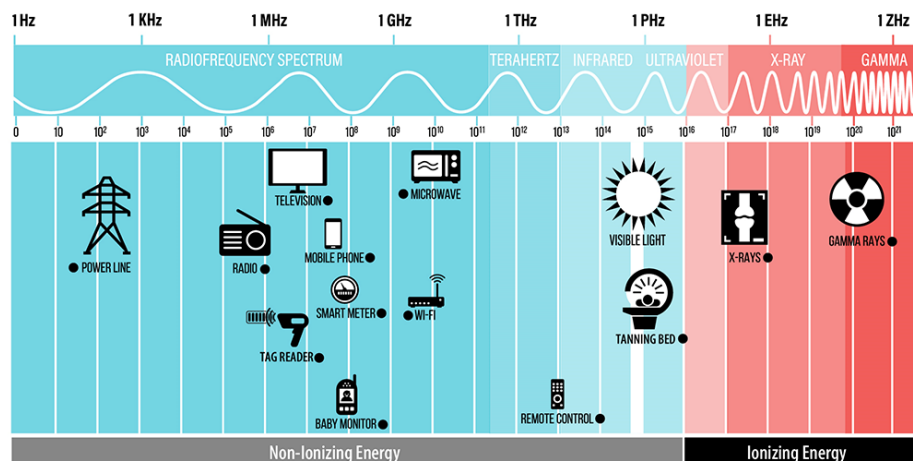
Dues! The Fresno ARC encourages all old and new members to fill out the form on the last page of any Skip and send with checks to the club P.O. Box. Remember to make checks out to "Fresno Amateur Radio Club, INC.. 2025 dues can be paid now! Use the last page of Skip.

August meeting:
HTs and how to best use them
Presented by Aaron K6USY
Also the August meeting includes naming the nominating committee for
next years board members.

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. 73, Joe W0PJD



Fresno Amateur Radio Club



July FARC meeting,
with Old Radios and
Stories, followed by
root bear floats
(delicious).

Joe W0PJD in the
lower picture talking
about VOM, VTVM,
and all sorts of meas-
urements.

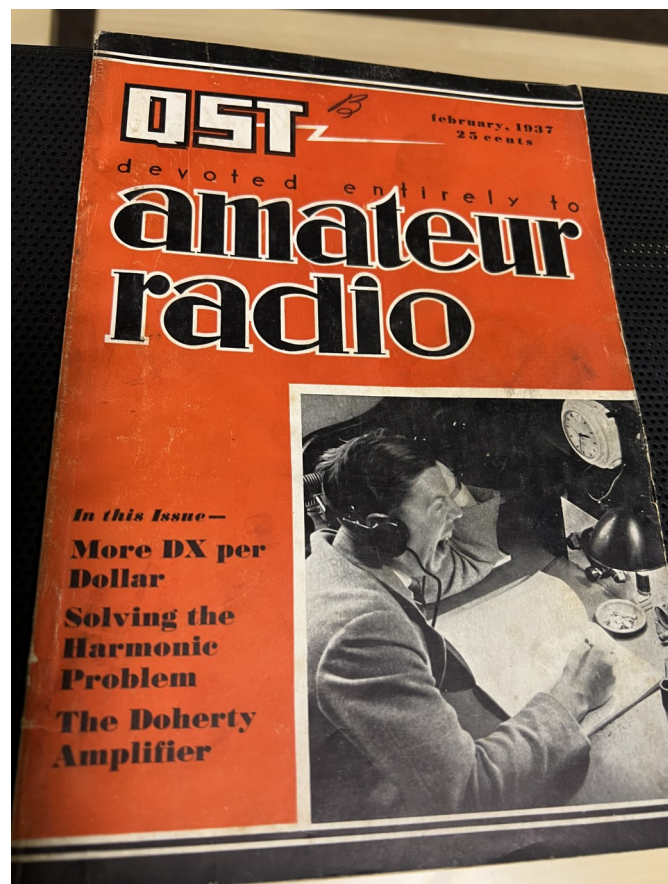
No formal meeting in
Sept.
Picnic instead on Sept.
27!
Ken and Gwynne hosting!
WA6VZM and WA6OIB!

Fresno Amateur Radio Club

Larry W6ZBL with a great story.

Colins radio, Drake 1a, VTVM, HW-101, and S-38's were all on display and brought out many a tale from the members.

The 1937 QST really was from the old style of magazines.



Fresno Amateur Radio Club



RC K3RCG was the main prize winner shown here holding the MFJ memory keyer and cw copy unit.

President Ken WA6OIB at the mike talking about the items brought to the meeting.



Fresno Amateur Radio Club



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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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

Aug. 8 Friday 7 P.M. Meeting

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

<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

8/01 David KA6VTA
 8/06 Ken WA6OIB
 8/18 Dennis KI6NVG
 8/19 Mike KK6DCQ
 8/28 Ben WB6GBS

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 \$ at the July meeting was won by Ron KE^JSX, who was not there.



Next drawing -\$40 at the Aug. meeting. Must be present to collect.

Anniversaries

8/04 Brenda & Sean KN6UAD
 8/07 Mary and John AB6KH
 8/08 Frances & David KD6WBA
 8/22 Mary KN6PRZ & John K6MI
 8/26 Jean & Pat W6YEP
 8/26 Norma & Ted W6TLM
 8/30 Candy KO6GVW & Angelo KO6AFO

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 SESSIONS

AUG 16 Amateur Radio VE Exam - Fresno

NOV 15 Amateur Radio VE Exam - Fresno

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

Tube of the Month

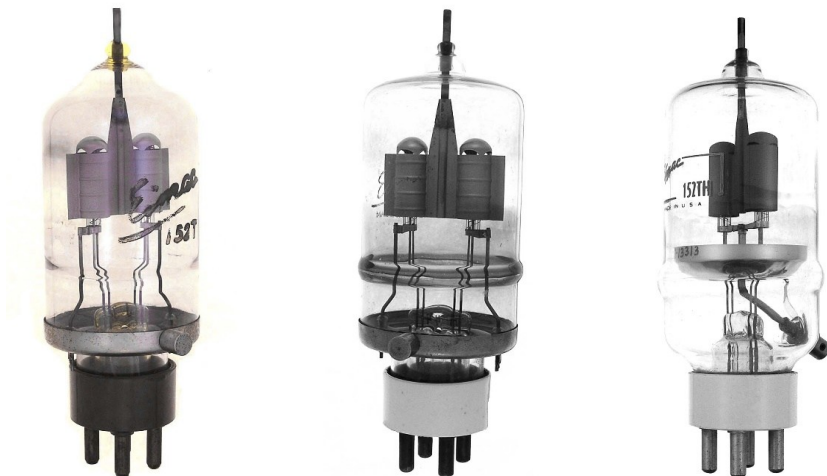
152T

In 1938, Eimac started experimenting with paralleling 75T tubes in the same envelope. The earliest form of a two-unit tube was the [152T](#) rated at 150 watts. The grids were connected in parallel but the filaments were separated. Eimac advertised that you could run one triode until it failed and then turn the tube 180 degrees and use the second triode. If both sections were to be used, the filaments could be paralleled and run at 5 volts or in series and operated at 10 volts. The plate had a maximum of 3000 volts at 450 ma. The maximum frequency for full power was 40 MHz. When used as a pulse modulator, the maximum voltage was 18 KV. Subsequent tubes made in WWII had a different envelope shape.

The first example is the oldest example I have ever seen. It has an envelope that slopes to the anode connection and a brown ceramic base. Eimac filed a patent numbered [2,355,717](#) in February 1941 that illustrated the 152T with an envelope that was flat on top as is shown in the second photo. The original design was probable made in 1940 or before. During the war, the grid connection was made internal and an internal shield was added as seen in the third photo. These tubes were used as pulse modulators in the REL MK IIIC gun laying RADAR and other equipment. The later tubes were designated the [152TH](#) with a mu of 20 and the [152TL](#) with a mu of 12.

Visit the museum at N6JV.com

Norm N6JV



Fresno Amateur Radio Club

QCWA Quarter Century Wireless Association

Next meeting Tuesday Sept. 23, 2025 at noon.

At Huckleberry's, Bullard and Hwy 41, back room

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

Ever wondered how Greenwich, England, became GMT or UTC? This article explains all of that. Just remember that UTC does not have Daylight Saving Time so when we change our time, we have to adjust the difference between GMT and local time!

<https://historyfacts.com/science-industry/article/why-is-greenwich-england-the-center-of-time/?lctg=9a6bbf2d-0865-4edf-afba-1865e65d4ff7>



Aaron at the July meeting pointing to a screen (not visible in this photo).

Pictures and story were about his trip in the VHF contest roving with 10 radios and two operators.

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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3kw Roller Inductor Tuner
\$200 OBO
Richard N6FUB (559) 285-9772



For Sale
Hygain 4 element 20m/17m LJ-294ba \$100
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

