



**FARC Next Event-
Meeting Feb. 10
Fri. at 7 P.M.**

**FARC BOARD MEET-
ING DATES**
The 1st Tuesday of the
month

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

Web page:
W6to.com

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."



Our next club meeting is a traditional Valentine's meeting. Bring your valentine and share some deserts.



See the last page of Skip for this years dues info.



PREZ SEZ:

Ken Holden [WA6OIB-your VEEP] passed along some bad news about some hams passing away. One of them was a real surprise-Jack, AC6LT [Leaping Turtle]-I had not heard from him for quite a while, then I learned he had passed away in November! I pray that all the hams who passed away rest in the presence of God. Could not resist this cartoon!

73

WB6VRJ

W. STUART HOME



Marcus KG6QNY is the newly elected treasurer. Rob, KM6SRR, continues with the 2m antenna project at the club meetings. Next opportunity is at the Feb. meeting. Let Rob know if you are interested in making one to help him bring the right number of parts.



FARC– New Members! 2022 dues now due! Stay on the membership list!
Send your dues check to Fresno Amateur Radio Club, INC., PO Box 5912, Fresno 93755-5912
Board meeting on the first Tuesday of the month. Details from Stu, WB6VRJ

FARC BOARD OF DIRECTORS

FARC Officers and Board members:

Stuart Home, WB6VRJ President	wb6vrj@w6to.com (559) 485-8659	12/2023
Ken Holden, WA6OIB VP	wa6oib@w6to.com (559) 289-2891	12/2024
Marcus Beedle KG6QNY Treas.	kg6qny@w6to.com (559) 360-7444	12/2024
Jim Erbe, W6NIF Sec.	w6nif@w6to.com (559) 222-7524	12/2024
Larry Lion, W6OWL	larrylion2@outlook.com (559) 227-5159	12/2024
Dennis Holloway, KI6NVG	dki6nvg@hotmail.com (559) 323-7386	12/2023
Rob Egan, KM6SRR	egan@netptc.net (559) 281-4730	12/2023

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

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



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, send your adds to K6MI at pacbell.net

FARC meeting Feb. 10, 7 P.M. Friday
FARC meeting March 10, 7 P.M. Friday
Hidden TX Hunt March 18, 10 A.M. Sat.
FARC meeting April 14, 7 P.M. Friday
FARC meeting May 12, 7 P.M. Friday
FARC meeting June 9, 7 P.M. Friday
VHF Contest June 10-11 Sat.-Sun.
FD June 24-25 Sat.-Sun.

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

San Joaquin Valley Nets:

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 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.

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 is Guss, KF6ZXO- welcomes all hams regardless of CW speed. Then around 8 PM local, there is the USB net on 28.445 MHz.

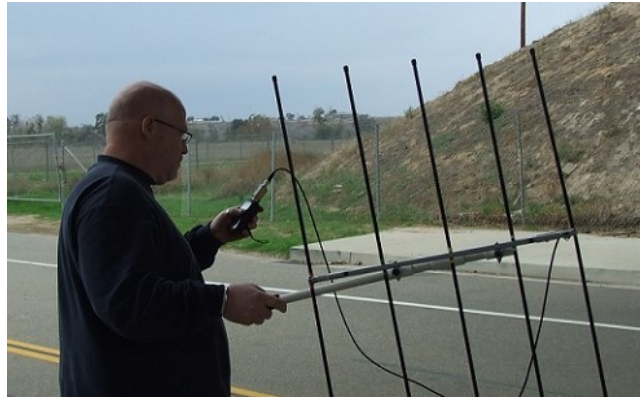
The *Noontime Net* is a public service Amateur Radio *Net* that meets everyday on 7284 kHz. and 3970 kHz. with an alternate frequency of 7265 kHz for both nets.

TX Hunt

Join us Saturday, March 18 at Letterman Park in Clovis for a Transmitter Hunt.

This fox will be located somewhere in the Fresno/Clovis area. The hunt will start at 10:00am at Letterman Park and will conclude by 1:00pm.

The national hunt frequency of 146.565 will be used.



From the club survey at the Jan. meeting: What part of ham radio you engaged in in 2022-

Dan W6CTT HF dxing 10, 20, 40M and FM Satellites

KN6WLE Joe- active in various nets including Fresno Co. EMCOMM. Also running Winlink over the radio.

David KD6WBA Working FT-8 and SSB

Hal KN6WEH—working VHF handhelds

Larry WA6ZBL –worked on erecting tower and antenna

Mickeal KM6MRT- HF portable vertical, 20 and 40m

Larry W6OWL Nets and 40, 20, 10, and 6m

Jim W6NIF FT-4 & 8,, some ssb. FT8 club #1640. Worked W6IMS event, 13 colonies & Route 66.

Gwynne WA6VZM - went to all monthly meetings.

John K6KEP Ham radio helped get me through another season of Covid!

Darrell AJ6SF - EMCOMM for bicycle events. Net control coordinator for FARES

Andy KA6DQR –completed general license, worked vhf HT and mobile

Sean KN6UAD Just received Tech license in 2022. Recently installed 2m mobile and working on installing 2m antenna

Mary KN6PRZ went on some vhf rover trips, ended up with picture on page 57 of Jan. QST!

John K6MI Trying to be active on all bands, all modes. Many fun expeditions, including a great FD.

Local Amateur Radio Repeaters

<u>Organization</u>	<u>Call Sign</u>	<u>Frequency</u>	<u>Offset</u>	<u>PL</u>
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	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	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
Meadow Lakes	WA6OIB	146.61	-	141.3
WA6IPZ	WA6IPZ	52.84	-	82.5

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.

Birthdays

2/05 Jeff WA6IMA
2/11 David KD6WBA
2/17 Mary KN6PRZ
2/20 Jim W6NIF
2/24 Mary KN6UDZ
2/25 Bob KF6HNL
2/27 Richard W6FUB

Anniversaries

2/06 Julie & Joe WA6FFJ
2/14 Nicole & Stephen AG6JI
2/26 Nora WA6BDE & Jim W6NIF

The monthly attendance prize!

The winner, , was not present at the drawing of \$10.

Next drawing will be \$20 at the Feb. meeting. If



claim it.

winner is not present it will go up \$10 a month until someone wins and is there to

Fresno Amateur Radio Club

One of my dearest friends and friend to all hams especially our radio club, Grady Williams K6IXA, passed away this morning.

Some of you may remember him as the auctioneer for the Turlock Radio club auctions. He did such a great job and was lots of fun to be around. He will be sorely missed by all Hams in the local area and around the world as he was a key contributor to the worldwide WinLink system.

R. I. P. Dear Friend...Ken WA6OIB

John Silva, AG6BP age 68, passed away on Tuesday, Dec. 22, 2022. He was active on many bands, HF through UHF, and was always ready to help club members on radio projects.

Also joining the SK hams was Jack AC6LT (Leaping Turtle), shown in two pictures below, one holding a bottle of water, the other accepting the Boner award at a Christmas dinner.



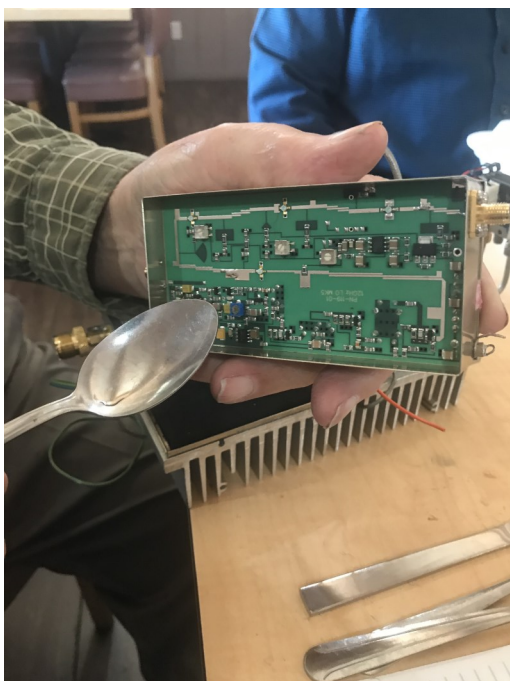
QCWA (Quarter Century Wireless Association) will meet again on Feb. 28. 12 noon on the fourth Tuesday of the month at Jeb's Blueberry Hill Café 3851 N Blackstone Ave Fresno CA 93726

Meanwhile we still meet on the air (146.85) on the Monday before the fourth Tuesday of the month.

Fresno Amateur Radio Club

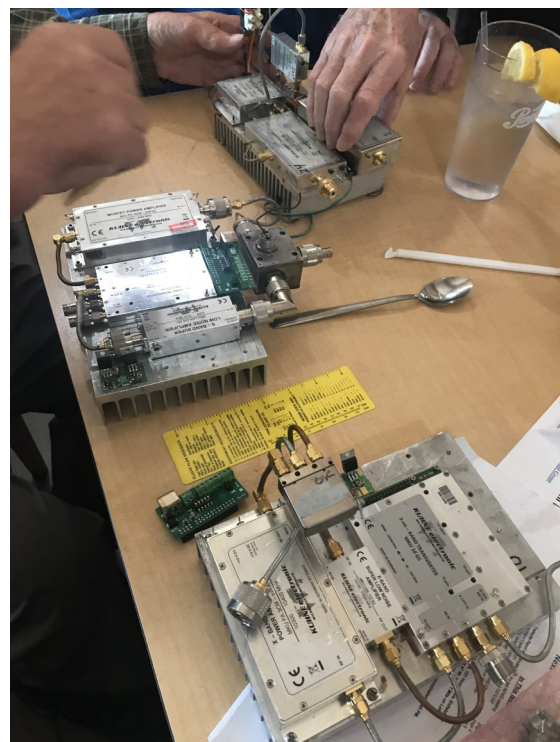


The January QCWA meeting found almost a dozen members and guests enjoying lunch, a few historical stories, and a program on microwave transverters prepared by Pat, W6YEP. Guests are welcome, and members are hams who have had their first license over 25 years ago and have paid their national dues. Michael WA6AAJ, was the youngest (age wise) ham in attendance.



Pat, W6YEP shows the small surface mount pc board in a microwave transverter.

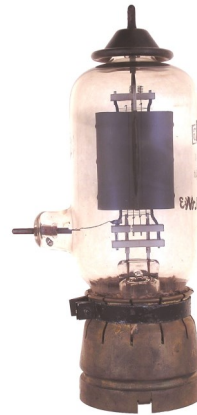
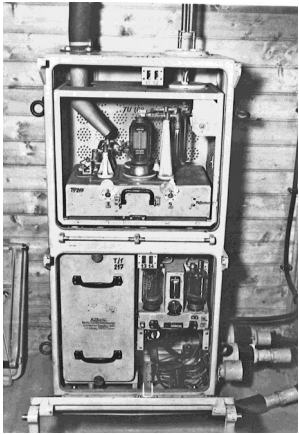
On the right three different transverters are shown, all with preamps, amps, and relays for 10g, 24g, and 2.3g.



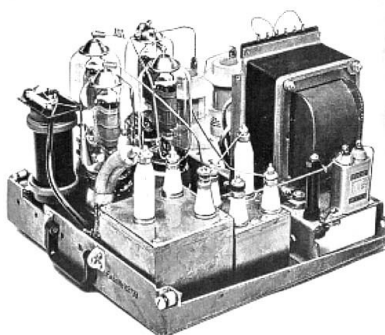
Tube of the Month

TS41

When I started getting serious about collecting transmitting tubes, there was little information that was readily available especially on foreign and military types. The development of the Internet and the search engines inspired me to build the museum collection and finally allowed me to do research on tube identification and the applications where they were used. Recently, while researching German RADAR, I came across the schematic of the German Freya transmitter. It shows the use of the [TS41](#) triode in the power oscillator. In 1934, what would be called RADAR and SONAR, were being researched by the German Navy. None of the large electronic equipment makers were interested in the project, so a new company was organized to develop the systems. The new company was called the Gesellschaft für Elektroakustische und Mechanische Apparate or GEMA. By the beginning of WWII, GEMA had produced a variety of equipment including the Freya RADAR. The pair of TS41s that was used in the output seem to be a type designed by GEMA. The example I have was made in 1943 by Allgemeine Elektrizitäts-Gesellschaft or AEG that was the German equivalent of General Electric. Several other manufacturers made the TS41. The photo is of the power output stage of the Freya with the modulator on the bottom.



The TS41 is a 150-watt triode that operated up to at least 190 MHz. The pulsed anode voltage is 8kV at a current of 5 amps. The pair in the Freya had a pulsed output of about 20 kW. The filament ran at 10.5 volts at 11 amps. The base is a special unit with three banana plug sockets for filament and ground. The glass is attached to the base with a hose clamp that is cushioned by a strip of asbestos which is typical for German transmitting tubes. There is a corona shield built into the anode pin. The tube was capable of handling higher voltage and later Freya units had a better insulated amplifier deck to produce higher output. The TS41 was also used as a pulse modulator (Hochtast Gerät) as seen in the second photo.



Visit the museum at N6JV.com
Norm N6JV

Fresno Amateur Radio Club



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
Celloco • 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>

CMAS Contract # 3-06-58-0122B GSA Contract # GS-35F-0248J

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 a Kenwood TH-D74A. Handheld

Thanks Aram KD6STR

Looking for input, stories or pictures or just a sen-
tence about your ham activities this month for the
next. Skip.

Thanks, John K6MI

My name is Hal. I signed up for membership at the
swap meet. Since, I have gotten my general li-
cense. I am shopping for my first HF mobile trans-
ceiver. If you might know of anyone that might
have something for sale I would appreciate a
heads up.

Thank you KN6WEH Hal 559-930-0944



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

Wanted

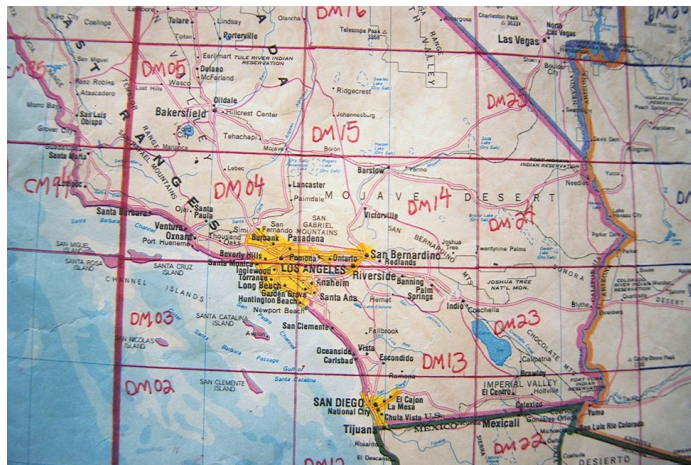
Have RTS program disk for Yaesu, Belfang, and some
other radios. If you need programming call me.
Dennis KI6NVG 559 323-7386

On the lookout for a good starter hf mobile radio w/
ssb.

Joe KN6QLE 493-1552

Need Yagi antennas for 10 and 20M, or multi band Ya-
gi.

Dan Zurcher 559 392-3305



Fresno Amateur Radio Club

Dues due in January!

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) _____

Spouse'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

