SKIP

FRESNO AMATEUR RADIO CLUB, INC.

A Fresno Amateur Radio Club Newsletter June, 2022 Volume 85, Issue 6

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."

New hams! New members of the club! Ken, W6OIB (on the left) held a tech class, with everyone passing the exam. The call signs will be around the KN6UDZ area of the alphabet. If you hear them on the air welcome them to the club.
Names and new call signs from the April 26 exam are on page 6.

FARC Next Meeting Friday, June 10 at 7 P.M.
Derrel's Mini Storage Inc.
3239 W *Ashlan* Ave,
Fresno, CA, 93722

FARC BOARD MEETING 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

Swap Meet
Sat. morning Nov. 12, 2022

QCWA (Quarter Century Wireless Association) will meet again on Sept. 27th. 12 noon Tuesday, at Jeb's Blueberry Hill Cafe

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.

President's message:

Hey, I am out of the hospital and at home-yeh, a bit wobbly, but glad to be back on CW-Hey, how about a program on BLUETOOTH? what is it, how is it used, what is required, etc.

Stu WB6VRJ

Vice president Ken, WA6OIB, took the reigns and led the May meeting while president Stu was in the hospital, and presented an interesting set of videos for the new ham.

Nice turn out, good refreshments, fun drawing for prizes, and a good group of new hams who were just getting their call signs after taking Ken's tech class.

Next month is traditionally about Field Day. The meeting is the second Friday of the month, and FD.

FD this year, similar to the last two, is everyone on their own, and the club score is a combination of the members scores.

FARC– New Members! 2022 dues now due! Stay on the membership list!
Send your dues check to FARC, 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) 323-6753	12/2022
Mike Chico KM6MRT Treas.	km6mrt@w6to.com	(559 277-8918	12/2022
Jim Erbe, W6NIF Sec.	w6nif@w6to.com	(559) 222-7524	12/2022
Larry Lion, W6OWL	larrylion2@outlook.com	(559) 227-5159	12/2022
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 7 P.M. Friday, June 10

June 11-13 VHF Contest

June 25-26 FD

FARC Meeting 7 P.M. Friday, July 8

FARC Picnic Sat. In August?

FARC Meeting 7 P.M. Friday Sept. 9

QCWA lunch at noon, Sept. 27

FARC Meeting 7 P.M. Friday, Oct. 14

FARC Swap Sat. morning, Nov. 12

FARC Dinner Friday, Dec. 9

San Joaquin Valley Nets:
The Noontime net meets on 7.268.5 MHz. This net handles a lot of
messages.

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.

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
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 is Guss, KF6ZXO-and he welcomes all hams regardless of CW speed-yeah-I have heard both really slow and one or two really fast. Then around 8 PM local, there is the USB net on 28.445 MHz.

Pictures from the May meeting. Dennis, KI6NVG, upper left, was welcoming everyone to the meeting.

KN6QLE Joseph Sealy is drawing out the winning raffle ticket.

Prize drawings, refreshments, and an attendance prize went along with the program for new hams.

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	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

6/03 Stanton AA6I
6/08 Gary KM6CVB
6/09 Mikeal KM6MRT
6/11 Jack WY6B
6/23 Joe WA6FFJ

Anniversaries

6/01 Phylis & Stuart WB6VRJ
6/04 Greg KM6GSO
6/07 Sharon & Barry K9AMO
6/18 Judy & Ben WB6GBS
6/25 Sonia & Allen WA6IPZ

The monthly attendance prize!

The winner, John , was not present at the drawing of $20.

Next drawing will be $30, at the June meeting.

New hams from Ken's technician license class. Some of the call signs are still being issued, and are in the KN6T and U– range of calls.

Also thanks go to Joe, W0PJD, who helped with the exams held on April 26, 2022.

Ron Gulke	KN6UDY
Sean Crispin	KN6UAD
Andrew Zaninoich	KN6UAC
Ron Heitzman	KN6UBL
Mary Lindae	KN6UDZ
Marcia Vander Poel	KN6UBM
Lisa Dean	KN6UAE
Chris Linneman	KN6TYS
Judy Haman	KN6UAY
Tamera Trindade	KN6UKU
Don Foster	KN6TZW
Curtis Rix	KN6TZX
Candace Egan	KN6UKN
Sharat Chandra	KN6UDQ
Gary Temple	KN6TZD

Thought I would send a 1968 photo of me working on an F4 Phantom aircraft UHF radio while stationed at Da Nang. Since this is Veteran's Day on May 30.

God bless our veterans.

Jim, W6NIF

Tube of the Month

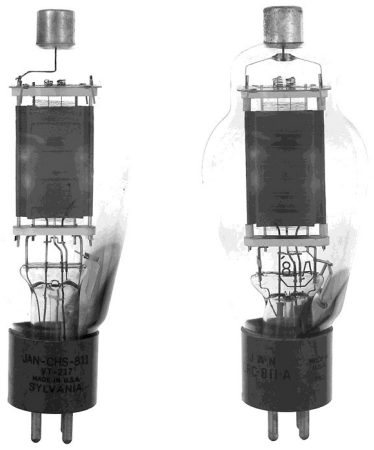
811( ) – 812( )

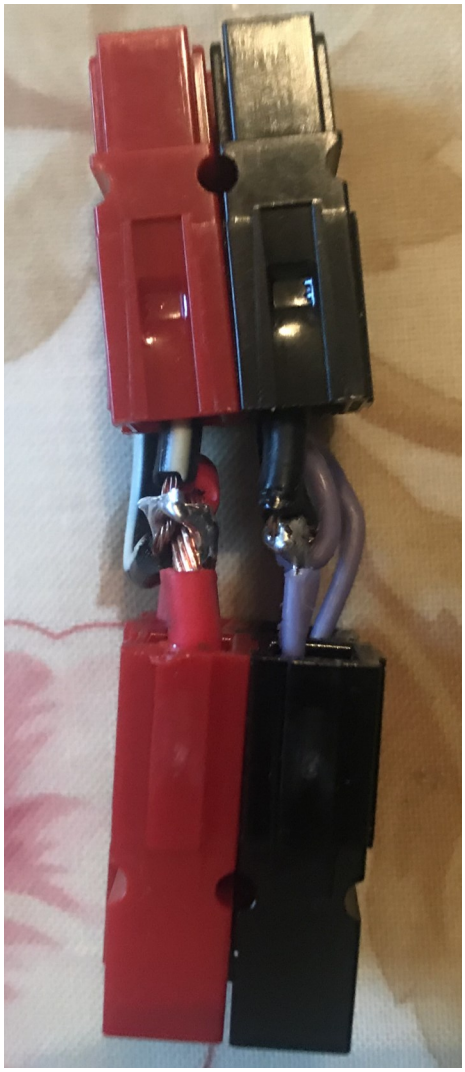
The October 1939 issue of RCA's "Ham Tips" featured a pair of new triodes. The 811 and 812 are rated at 55 watts of dissipation and featured Zirconium coated plates. At 1500 volts and 150 ma, a pair could be run at 450 watts input. The difference between the tubes was the mu. The 811 had a mu of 160 and the 812 had a mu of 29. These tubes were marketed to hams for only $3.50 each. The 811 was primarily intended to be a zero bias modulator tube and the 812 was the choice for an AM modulated final tube where it required less drive. The 811 was designated VT-217 by the military and they were used as the modulation tubes in the famous Collins airborne transmitter the AN/ART-13 and in some SONAR equipment. There appears to have been little use for the 812 during WWII so its production was limited.

The 811s were popular tubes after the war but its shortcoming was the thin plate that tended to melt in the middle if you abused it. In 1949, RCA addressed the problem by adding lateral fins on the plate increasing the dissipation by 10 watts and keeping the plate from sagging when it got too hot. The new tubes were the 811A and 812A. Zero bias tubes became popular with the advent of SSB and the decline of AM. Collins used four of the 811As in its 30L1 amplifier that was made for military and ham use. Gonset and Heathkit also made amps with the 811A. With tube production declining in the United States and strong demand remaining, production in China and Russia attempted to fill the demand. Because of the potential for plate sagging when the tubes are mounted on their sides, amplifiers like the 30L1 mounted the tubes with the plates oriented vertically. Some early Chinese tubes had the base rotated 90 degrees to the plate allowing the dreaded sag to short the tubes. The Sacramento Army Depot had an instrument repair lab where they used an RF heater to remove the solder that sealed the cases on panel meters. The heater used three 812A tubes in parallel and they had melted the plates. I went home and found a few well used but workable tubes and got them back in business. Its good to have a tube guy on staff.

Eighty years after its origination, the 811 still maintains its popularity in a new generation of ham amplifiers.

Visit the museum at N6JV.com
Norm N6JV





Anderson Power Pole project

Need one in and three out adaptor for Anderson Power Poles?
There was one in the DX Engineering catalog for $15, which seemed like a great idea.

This was a homebrew attempt to make the same item. Would have been faster to order it than to make it, but did manage to get it working.

Placed it somewhere in the garage, ready for deployment. Murphy, however, had a different idea, and now I can't find it.

John K6MI

Worked loads of hams on 17 this month using the FT1000 and AV620 antenna. I especially liked the
RP77MD Russian call. Look at his QRZ page. Wonderful write up about the 2nd WW and flying a Heinkel.
I like history like that.
My new 40M helical also worked well for me. I made an FT8 contact with Hubert, F6DZU, at 0457 Z. Gave me a -10 and gave him -18. Amazing what this little thing is doing for me:.Fiji, Japan, Taiwan, S.Korea, Asiatic Russia, and so on.
So guys that want to work FT8/4 on 40M with no radials, this antenna should work for you. I still have a jumper on the windings.
Catch you later,

Jim W6NIF

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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!

For Sale:
Ameritron AL-811H amplifier, clean, 10-160m, wired for 120v $750 Larry
ad6w@arrl.net

M2 ANTENNA SYSTEMS, INC.
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559.432.8873 Fax 559.432.3059 website: www.m2inc.com

This coat was left at the November Swap Meet and needs to find it's owner. Anyone recognize it? Talk to Larry, W6OWL

Wanted
I am looking for NOS audio tubes I.e. New old stock.
I am looking for: 6L6, el34/6ca7, 12ax7, 12at7, el-84/6bq5, react tubes: 5ar4, 5z4
Any help would be very much appreciated.
Aram KD6STR 433-9611

For Sale:
70 cm (430-440 MHz) 15 element Yagi
Diamond A430S15 $60 OBO
Very little use
Contact Richard, N6FUB
(559) 285-9772

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_____
Birthday (Month/Day)_____ Wedding Anniversary (Month/Day)_____
ARRL Member?_____
Additional Family Member(s) in same household ($5 each)
Spouse Name_____Call_____
Son/Daughter Name_____

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