



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."

**FARC Next  
 Event-Dinner  
 Friday, Dec. 9  
 at 7 P.M.**

**FARC BOARD  
 MEETING  
 DATES**  
 The 1st Tuesday  
 of the month

**FARC Nets**  
 Morning Drive  
 Time Net:  
 Weekday morn-  
 ings-7:30-8:00  
 a.m.  
 W6TO/R  
 146.940

**FARC Net:**  
 Sundays @ 7:00  
 pm  
 W6TO/R  
 146.940

**Web page:**  
 W6to.com

## FARC Christmas Dinner

Dec. 9, Friday 2022

Meet at 6 P.M., dinner at 6:30. \$20 per person.

DiCicco's at Cedar and Nees.

To reserve seats send checks to Fresno Amateur Radio Club, Inc.

Good time to also send in next year's dues!

Make checks out to "Fresno Amateur Radio Club, INC"

P.O.Box 5912 Fresno CA 93755  
 Or reserve with Jim W6NIF  
 Only 40 seats available!



QCWA (Quarter Century Wireless Association) will meet again on January 24. 12 noon on the fourth Tuesday of the month, starting in January, 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.

All of us have things to be thankful for. So, on this THANKSGIVING DAY, let us all give thanks for all the wonderful gifts we have received over the years, and include the gift of knowing about HAM RADIO and the gift of using it.

The Christmas dinner is for 9 December 2022, \$20 per person. See the last page of Skip for ordering information, both for the dinner and for next years dues.

73

WB6VRJ

W. STUART HOME



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

*Dave KA6VTA won the first pick on the prize drawing in November.*



**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](http://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 Dinner Friday, Dec. 9 meet at 6, dinner at 6:30 P.M.**

**Straight Key Night Dec. 31-Jan. 1**

**FARC meeting Friday Jan. 13, 2023 7 P.M.**

**VHF Contest Jan. 21-22 Sat. 11 A.M. to Sunday 8 P.M.**

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.

**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**

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.



**Fresno Amateur Radio Club**



FARC Hidden TX Hunt at the November Swap meet. KN6FZH Elijah was the first place winner with a time of 20 minutes. The TX was sitting on a chair at Pat W6YEP's booth. First place prize was an ARRL Hints and Kinks



book.  
A small 2m beam or quad is a good way to hunt, but also one can use a HT with the antenna off to sniff out the TX.





## 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	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

### ***Birthdays***

**12/02 Larry WA6ZBL**  
**12/07 Michael WA6AAJ**  
**12/13 Barry K9AMO**  
**12/17 Ron KN6UBL**  
**12/21 Darrell AJ6SF**  
**12/29 Aaron K6USY**  
**12/29 Duane KI6QEL**

### ***Anniversaries***

**12/21 Mary WA6HWA & Detlev**  
**12/26 David W6DAH**

Ten meter net, CW and Phone, every Wednesday

7 P.M. for CW at 28.140

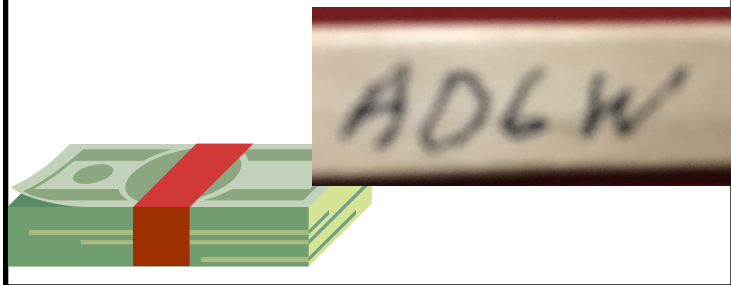
8 P.M. for SSB at 28.445

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 winner, Larry, was not present at the drawing of \$20.

Next drawing will be \$30 at the Dec. dinner.



AVAILABLE: RCA BTA-250M AM Broadcast transmitter, 250W+, currently  
on 1925 KHZ,  
operates on 120V AC, for trade or offer?  
Jeff WB6ZBX  
268- 3311

or [wb6zbx@arrl.net](mailto:wb6zbx@arrl.net) .

Thanks, Jeff  
WB6ZBX



AM TRANSMITTERS

## 250 WATT AM BROADCAST TRANSMITTER

TYPE BTA-250M

### FEATURES

- Designed for High-Fidelity Operation
- Distortion-free Bi-Level modulation
- Fewer tubes—uses only ten
- Only three tube types
- Quiet operation—suitable for control-room installation
- Only one tuning control
- Excellent frequency stability
- Readily remote-controlled

### DESCRIPTION

One of a complete line of High-Fidelity AM Broadcast Transmitters, the BTA-250M is compact, reliable, and fulfills all FCC and RETMA specifications. It is simple to operate and economical to maintain.

Completely housed in a single cabinet exactly the size of a standard audio rack, the BTA-250M requires a minimum of floor space. Overall width including side panels is only 28 inches. Depth is 20 inches and height is 84 inches. Since the cabinet of the BTA-250M is identical in size to BR-84 series audio and monitoring racks, the transmitter can be installed adjacent to these racks after removal of one of the transmitter side panels which can then be placed on the opposite side of the audio rack. Electrical shields (see Accessory List on last page) should be placed between the transmitter and audio rack frames.

In the BTA-250M, no blowers are used—consequently, noise has been reduced to a minimum. Thus, the transmitter can be placed in the same room where announcements are made. These features also make the transmitter useful as emergency equipment, installed side-by-side with audio racks in master control rooms. Noise-free operation may save the expense of a partitioning wall or an additional room for transmitting equipment.

8-6520  
www.SteamPoweredRadio.Com

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**Fresno Amateur Radio Club**

**2022 FARC November Swap Meet**

More pictures on page 9







Club member projects

Jim W6NIF has been working the Route 66 and the Checkered Flag Awards with great success.

Jeff WB6ZBX has a new receiver reconditioned and working, a Racal receiver with a moving film dial.

The lower left is Ken WA6OIB's DeLorean car project, which recently had the engine reinstalled.



Mike KK6GCQ changed his limit switches on his tower with magnetic switches and LEDs.





*Fresno Amateur Radio Club*

# 2022 Fresno Nov. Swap Meet

Pictures from Aaron K6USY





**Fresno Amateur Radio Club**

In this so-called modern day and age, we still use a lot of batteries. Yeah, the old 6 volt batteries are gone, and we sure don't seem to use the D cells as much as we used to. Certainly more common today are the AA cells, the AAA cells-look at the battery displays in your store.

A VOM might be used to check a cell, but that only shows the voltage-what one wants to know is whether that cell can work under load.

Well, sometime back, I devised a load tester for battery cells. Yeh, it is limited in voltage range but for any cell that is 1.5 volts or so, this tester provides a load and a subjective output.



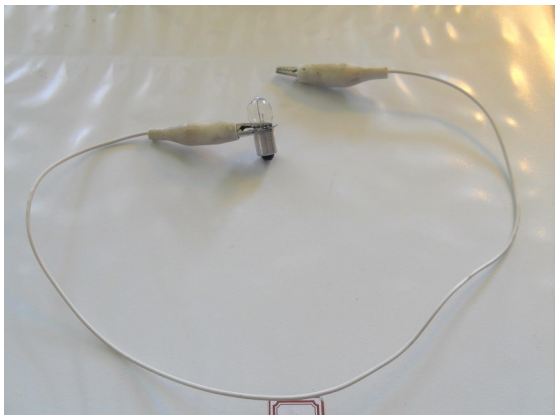
What I have done is take a #47 bulb [for your not so old kids, that was a popular bulb to use to show when your radio was on-and it is a 6.3 V bulb]; to the negative [outside] side of the bulb, I solder on a straightened paper clip with the other side bent into a U shape; the soldered wire one looks like this [the paper tab is only for use in finding the tool]:

Then the little pos button on the end of the lamp is pressed against the positive pole of the cell, and the long end goes to the negative side of the cell.

The cell, if good, will make the lite light up; the amount of charge is subjectively shown by the relative brightness of the lamp.

And that's how you check your battery cells.

Stu, WB6VRJ





**Fresno Amateur Radio Club**



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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 sentence about your ham activities this month for the next. Skip.

Thanks, John K6MI

An antenna tower project recently done at M2. Tower trailer was being raised for the first time.



**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](http://www.m2inc.com)

**Wanted**

Programing cable and software for:  
Motorola Spectra Model DA5km+067m  
Bendix King model Emh5990a 54721  
Or help to program these radios  
Dennis KI6NVG 559 323-7386



**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 \_\_\_\_\_

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



**FARC Christmas Dinner**

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DiCicco's at Cedar and Nees.

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