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## Contact Us

- Via [Facebook](#)
- Via [WWW.AC6EE.ORG](http://WWW.AC6EE.ORG)
- U.S. Mail:
  - TARA
  - P.O. Box 134
  - Keene, CA 93531

## A Word

### Dan Mason, AB6DM, President

Greetings, TARA friends!

Happy New Year! I hope your 2024 is healthy, happy, and filled with plenty of ham radio activity.

We recently had a TARA activity/project planning meeting with nine members participating to make sure that there are opportunities of all sorts that you might find interesting. More on that to come. Monitor your emails and come to the general meeting to learn more.

One of the great activities coming up is the 2024 Winter Field Day on January 27 through 28 at the Kern River Campground. More details to come at the general meeting and in emails.

We will be meeting for our mid-month breakfast this Saturday the 13th, 8:30 AM, at Kelcy's Restaurant Located at 110 W Tehachapi Blvd, Tehachapi, CA.

Our next VE session is scheduled for February 10 at 11:00 AM. Get yourself ready for an upgrade, or bring us some new blood.

The new 10M Tech Net is slowly growing. Now that the Holidays are past, we hope to lure in more callers. I myself am learning some new stuff from my Elmer's on this net as most of my HF operating has been on contesting.

## Its renewal time!

### John Dyer, KM6DXY — Secretary/Treasurer

TARA membership for 2023 ended on 31 Dec 2023 (unless you paid for multiple years, of course). Renewal dues are \$25. This year you may renew by clicking this [link](#) (or via the QR code below) and paying by credit card, Apple Pay, Google Pay or Cash App. If you'd prefer you can send a check made out to the Tehachapi Amateur Radio Association to TARA, PO Box 134, Keene, CA 93531. I'll also be accepting cash, check or credit card for fees at the club meeting.



TARA Renewal QR code

### **EDITORS' Note:**

The February edition will feature your Contesting interests and/or experience — please describe your favorite contest activity and the station you use.

Send them to [w6qpa@ac6ee.org](mailto:w6qpa@ac6ee.org) by 30 January 2024.

73 ...Ray, W6QPA

## Introducing the PIO

### Micah Martin, KN6VUT — Public Information Officer

#### **Basic Duties**

I'm not sure if the general membership is aware that our club has a *Public Information Officer*, or what those duties, responsibilities and goals are, so I'm writing to let everyone know.

I welcome ideas or critiques, good or bad, this helps me know what image and activities our club members want.

One of the jobs is to inform the public about our club and Ham Radio in general. I do this by sending Press Releases and speaking directly with a growing number of newspaper and television reporters and "Assignment Editors" directly and in person.

In addition to the general media, I maintain the Club's *Facebook*, *Instagram*, and *X* (formerly *Twitter*) Social Media accounts.

So far, we have a relationship with the Bakersfield College *Renegade Rip*, the *Tehachapod City* podcast, and a VERY good relationship with *KERO TV 23* and *The Loop*.

I send Press Releases to local media and our personal media contacts in Tehachapi, Bakersfield, Mojave, and Ridgecrest.

The ultimate goal is to increase community awareness of amateur radio, increase our membership, gather donations from individuals and businesses that will allow us to better serve the amateur community and the broader community in general.

## Activities

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Another job we have is Community Outreach. We have been representing the club by hosting booths at community events and conducting demonstrations of ham radio's capabilities.

### 1. Booths

This is participating in community events with an Information Booth usually manned by 2-3 people, giving out flyers, Information packs, and demonstrating different modes of ham radio.

I usually have an SSTV system setup to go into the crowd, take a photo of people, and transmit the SSTV to a laptop at our booth while walking the people to see their photo come up on the SSTV connected Laptop.

I set up a Mobile VHF/UHF radio and use the WIN system to let guests make contacts from far away, whoever answers the CQ.

Depending on who mans the booth, we may have an HF radio setup or other projects. If we are doing demonstrations in Bakersfield, and if Ray (W6QPA) is available, he will bring a homebuilt project and an HF QRP rig.

We have been seeing the same 4-5 people manning booths. We are always looking for "new blood" ... if any of you are available to help out, adding volunteers would give us some breaks to rotate people around, as well as allowing us to support more events and spread the word of Amateur Radio.

Events usually last about 4 hours, not counting setup and tear down.

You don't have to stay the whole time, but every little bit of help would be appreciated!

### 2. Demonstrations

We have done demonstrations for Cub Scouts, The Boys & Girls Clubs of Kern County (in Bakersfield) and we are contacting other organizations that would be interested.

Bear Valley has an after school organization that has reached out to us for a demonstration. I need to organize the dates available and let everyone know.

As of now, there is a newly licensed Technician that is a Jr High school Science teacher in Bakersfield that has reached out to us to do a demonstration sometime this semester.

### **Recent Events**

A few of the events we have done have been at Bakersfield College, Tehachapi Emergency Preparedness Fair, Kids day at the Museum, CCI Health and Wellness Fair and National Night Out.

For Halloween we participated in the Golden Hills Trick or Treat event and the Downtown Trail of Treats.

While these two events were not Ham Radio related, we did get an enormous response, made the news on TV23 and The Loop, and met our Hometown Reporter Grace, who followed up by coming to a meeting and doing a story on us.

We also participated in the Christmas Window decoration contest held by the Chamber of Commerce. American Pacific Mortgage graciously let us use their windows to decorate, and our Graphic Artist Gabby did an amazing job with a different spin on decorating the windows with a type of light-box.

### **Want to be an Outreach Volunteer?**

If you're interested in participating in demonstrations, or have any ideas on who we can approach, please let me know my email is [kn6vut@ac6ee.org](mailto:kn6vut@ac6ee.org).

## **Projects for 2024**

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Ray Gretlein, W6QPA

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Before I list my 2024 project plans, it's accountability time... I publicly listed my "plans" for 2023. Here is the report on progress:

<b>Plan</b>	<b>Did I make it</b>
Build QCX mini 40 meter	Yes
Build QRPLabs 50 watt amp	Yes
Build 40 db fixed attenuator	Yes ... but it only measured out as a 38 db pad
Operate in Winter Field Day	Yes – actually had fun 48 QSOs 38 of them CW
Operate in QRP Fox hunts	Made a few ... not to as many as 2022

Operate in K1USN Slow Speed Contests	Nope only made 3 last year, way fewer than 2022
Operate in CWOPS Contests	Nope only made 1 contest
Activate a Park in the Parks-on-the-Air	Yes, ... Finally activated 1 park. And experienced my first 'pile-up'
Get WinLink up and running	Nope
Operate in State QSO Parties	Yes – only one though
Install VHF/UHF rig in the car	Nope
Operate Packet Radio Again	Nope
Build autonomous satellite tracking Antenna	Nope

Well, clearly and mildly embarrassing, I didn't get as much operating done as I had planned. For 2024 the list is easier ... it is in fact its all the non-completes from 2023, plus these additions for 2024:

- Build a stand-alone multi-band auto-sensing low pass filter. I have a concept defined in June 2023 ... now I just need to do it.
- Attend HamVention and QRP Amateur Radio Club International's Four-days-in-May convention.
- Build 20-40 meter trapped dipole.
- Operate in Summer Field Day
- Build QRPLabs QMX.
- And for a stretch goal — log more than 1,000 QSO's in 2024

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### Elliott Hewitt, K6HWY

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My hopeful project for this year is building a room in my workshop (man-cave) to use partially as my Ham Shack but also treadmill for keeping in shape (not my current shape) and game room/meeting room. I am hopeful to get my dad's old Gonset G76 up and running, as it is my only HF radio at this time. Along with that I have a telephone pole I want to erect next to my shop and build my antenna field off of that. I have a few ideas for that, including fabricating a weighted pivot for a mast on a rotator. The rotator was also my dad's and still works! I have been working at learning CW. And on top of that I am really interested in

building a POTA/SOTA go kit. Being a jeeper, my Jeep is already set up with CB, GMRS and an ICOM ID5100A. I'm thinking about how to cost effectively build a 100 w HF go box for POTA, and a QRP kit for SOTA. (Cost effective and Ham radio sounds like an oxymoron!)

## On the Bench

This is a semi-regular column for members to share the off-the-air aspects of their ham radio activities. Using a sports metaphor, on-the-bench refers to a player not currently active in the game. So, applying that in a ham radio context, what is “On-the-(work)bench” in your shack?

### Center Loaded HF Telescopic Whip for “HT”

Editors Note: This is from “Guest Columnist” Yoon Choi, KM6KJI. I worked Yoon on 24 December 2023 from my son’s house in Portland, OR. Yoon was pedestrian mobile in San Jose, Ca. We were both QRP on 20 meters. I was using a [QRPLabs QCX mini](#) at 5 watts feeding an inverted vee. Yoon was using a [QRPLabs QMX](#) handheld at ~4 watts feeding a whip mounted directly to the radio, walkie-talkie style. I was intrigued to say the least. I emailed Yoon requesting information on his homebuilt whip and perhaps a construction article.

He pointed me to info he posted on [QRZ Forum](#) as well as on [QRPLabs groups](#) pages.

He graciously granted permission to use this material in our newsletter. — Ray, W6QPA

### **Yoon Choi, KM6KJI**

Does everyone agree that center loading is better than base loading for efficiency? Pursuing a better telescopic whip antenna for my QMX handheld portable, I got an idea when I found an old selfie stick deep in the drawer. It extends to 3 feet and has some plastic fixture tightly attached to the end, and also the base diameter just a tiny bit larger than the BNC male connector.



So I made it. The upper telescopic whip is 110 cm when extended, so the total length is 2 m or slightly less than 7 feet. The loading coil is for 20 m band, just many turns on a small toroid core that I already have (T50-2). Some work was done for adding a bolt (for the thread at the bottom of the telescopic whip) to the plastic part at the end of the selfie stick. Good match when checked with the 13 ft counterpoise wire that I've been using for 20 m handheld operation.



The weight of this antenna is 120 grams, which is twice as heavy as the 4ft whip that I made previously, and also slightly heavier than the [MFJ-1820T](#), but it is not awfully heavy for my left arm to hold straight for an hour along with my QMX.



The tricky part was putting the BNC connector inside the base of the telescopic selfie stick, keeping the connector body insulated and tightly fastened at the same time. It is sort of stable now after some trials and errors.

I was trying to make it work for 40 m as well as 20 m, but the inductance seemed to be a little bit short for 40 m. More effort was done to make the antenna work for lower bands (40 m and 30 m), by adding an additional inductor with the switch.



The QMX has the SWR bridge included, all in the same compact enclosure as the QCX-mini, not to mention that it is a multi-band and multi-mode transceiver. The battery is always the top agenda when we talk about self-contained or handheld portable, and one thing good about the QMX is that you can build it for 9v source to produce 5-6w power, and even at 7.4v the power output can be still around 3w. That's what I did for my QMX, attaching a 2AA battery holder on the back to hold two 14500 lithium ion batteries in series. They start at 8.2v when fully charged and go down to 7.4v in an hour or two with moderate TX/RX cycles.





So this is what I'm putting in my hoodie pockets when climbing up my favorite hill, the handheld QMX (so called "QHx") in one pocket and the collapsed whip antenna in the other.

I still need to test it outside with a longer counterpoise wire on the ground.



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## A Simple 10 Meter Dipole

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### Will Perry, WA6LDQ

Our 10 Meter Technician SSB Net is moving right along thanks to Dave, W5GUL as net control. We meet every Saturday at 6:00 PM on 28.350 MHz USB. We encourage everyone to join us to discuss any topic and to give the Technicians an opportunity to checkout their rigs on HF.

Here's a simple \$6 dollar dipole that can be easily built from scrap parts. I say \$6 because I didn't have enough small gauge black wire available so I had to make a visit to the big orange store. Just about any gauge wire will suffice but anything smaller than #16 will not hold up well in the wind.

Cut the two lengths of wire to 108" this will tune the dipole to cover the entire 10 m band with a reasonable SWR. Normally the length would be 102" inches but we have to make up for each loop on the insulators.



The insulators I used are 2.5" long pieces of 1/2" white PVC. I used black wire for stealth and black PVC would make it even more stealthy if you happen to have some.

The coax connection used was a length of RG-58 with a PL-259 on one end from my junk box. The dipole should be installed at least a 1/2 wave or 16' above ground for a good signal and low SWR. As we say, your can work the world when the band is open, even with this simple antenna.



## The Operating Room

This is a semi-regular column for club members to share the on-the-air aspects of their ham radio activities.

### QRP Portable Operation

#### Will Perry, WA6LDQ

Going back to those “Thrilling Days of Yesteryear”. The time was in the mid 80’s and the bands were pretty good then. I was having great fun with QRP running CW and SSB.



The rig was an [TenTec Argonaut 509](#) running 5 watts and the antenna was a 40 meter dipole strung between two trees. A friend (K6QQN SK) and I were camping at Dinky Creek near Shaver Lake. The rig was setup on the tailgate of my friends SUV. Several SSB contacts were made and we were surprised how well I was getting out. I believe the elevation was assisting us. The 509 was a classic QRP rig at the time, very lightweight, a sensitive receiver, easy to operate, and very reliable. I also had the matching [TenTec Argonaut Model 405](#) — 50 watt amplifier that I used when operating at home. Another great radio I should never have sold.



## Working the Ridge Rally

### Eliot Hewitt, K6HWY

My opportunity to be a volunteer with the Ridge Rally Race 2023 was fully enjoyable and a very good learning experience. It required me to learn more about operating my Icom ID5100A as well as getting the very much needed on the air time experience. I also brought along a friend who is now interested in getting his license. We had a great time and we are definitely looking forward to volunteering again next year!

## Still Preparing for Winter Field Day 2024

### Ray Gretlein, W6QPA

Winter Field Day 2024 will be January 27 & 28th. We will be operating from the Kern River Camp Ground sites 12 & 13 near the sites we used last year. As before we have limited parking at the sites (2 vehicles per site). If you're not camping, please park in the Overflow Parking area and walk in to our sites.

We have the sites reserved for Jan 26 14:00 through Jan 28 12:00. Set up will begin 26 January around 16:00.

Plans are still firming up, however, we expect to begin operations on the 27th at 11:00am and operate through 10:59 on the 28th. We plan on operating CW, Data and Phone stations on 40-20-15-10 meters.

We are planning to be listed as publicly accessible on the Winter Field Day map. This means we will need help talking to any visitors that show up and telling them about our hobby. If you would like to operate or help out at Winter Field Day please contact me (Ray) at [w6qpa@ac6ee.org](mailto:w6qpa@ac6ee.org) or Dan AB6DM at [ab6dm@ac6ee.org](mailto:ab6dm@ac6ee.org).



## Meet Our Members

This column will server to let each of us get to know other members. Over the course of the next two years we should be able to introduce the majority of the TARA members to each other.

### **John Dyer — KM6DXY**



While most Hams know me as KM6DXY I was formerly known as KD6KMO. I received that call back in June 1992. At that time, I was working two jobs and living in two different cities trying to make ends meet. While I was an early adopter of car phones, making such calls (even on landlines) was an expense I wanted to keep down.

I heard about “Ham Radio” and investigated it as an alternative method of communication. I took the “No Code” Technicians exam in Tehachapi at the American Legion Hall and passed! The cost of owning and operating cell phones, however,

dropped over the next several years, and I allowed my license to lapse in 2002. This despite proving its worth during the 1994 Northridge earthquake. This will come into play later.

Over the years my jobs have changed, and I took on a new job in Bakersfield and moved permanently to Tehachapi. While I loved my cell phone and the fact that my employer paid for the service, memories of the Northridge earthquake crept in. I wanted to get involved with emergency communications, and emergency service, and have a backup method of communication.

In the summer of 2016, I started studying for a Technician's license. While heading home one Friday night, after only studying a week or two, I called my wife and said that I'd be home late. I got off the freeway and headed over to the Veterans Hall and the license exam sponsored by W6LIE in Bakersfield. To my pleasant surprise, I passed.

I was stoked and the next item of business was to join the radio club in Tehachapi. It wasn't long before I was very active in the club and I have held an officer's position within the club ever since. I also learned about the Bear Valley Spring Emergency Radio Team and participated in my first net. Later I also became one of their Net Control Operators.

My primary radio is the Yaesu FTM-400 which I have installed in my Toyota Tacoma. After my wife received her license, we bought the same radio for her car. Over the years, the vehicles have changed, however, the FTM-400 has moved from one vehicle to another. It is by far my favorite radio.

My base station is a Yaesu Ft-8900R. I have that hooked up to a dual-band vertical on my roof using a non-functional TV antenna as the mast. This combination works great for me.

For portable use, I have several radios available to me including my favorite, the Yaesu FT-3D. My wife received my Yaesu FT-2D as a hand-me-down after she purchased the FT-3D for me when it came out.

I have been an amateur radio operator, on and off now, for about 15 years or so. I enjoy the hobby and focus on the EmComm side the most. I am currently a General Class operator and a Volunteer Examiner. I love being part of the process that gets people into amateur radio. Next up will be testing for my Extra Class license which I will tackle in 2024. I think that qualifies as my New Year's Resolution!

Now it's time for me to get more "Radio Active"! How about you? Until we meet on the air or in person...73, John Dyer — KM6DXY

### **Eliot Hewitt — K6HWY**

Greetings! I have been a licensed General Ham radio operator for a couple years now. My limited experience has been completely VHF/UHF with a Baofeng BF-F8HP HT or a Icom ID5100A Dual Band set-up in my Jeep. However, what inspired me to get my license was inheriting my dad's old 1960-61 [Gonset G76](#) AM/SSB/CW 6-80m HF radio and associated gear. I also found his actual paper license. My hopes are to get into POTA and SOTA as well as set up a shack at home in my shop.

## **TidBits**

A collection of miscellaneous mostly amateur radio related items.

### **Signal Reports using – Circuit Merit System**

#### **David Walter - WA5GUL**

From the Virginia RACES, Inc. — here is a summary of another signal report system for phone.

SOG 14: Signal Reporting Using the Circuit Merit System

Last revision: Thursday, May 27, 2004 Page 1 of 1

### **The antiquated R-S-T system of reporting signal quality dates from the early days of radio.**

It gives voice operators only a vague idea of what their signal is really like at the receiving end. RST was originally intended for Morse code use and was later adapted for use with

voice signals. (Contrary to popular opinion, the “T” in RST can be used in voice communication, to indicate the tuning condition of the sending station — though not applicable in FM, of course.)

### **The problem with the RST system is that it is vague, complicated and inaccurate.**

This is evident from listening in on any contest, where everyone has a signal report of “5-9”, regardless of how they actually sound. The fact is, very few people know what “5-9” means — on either end!

### **The CM (“Circuit Merit”) system was devised by HF radiotelephone professionals to better quantify the average quality of a VOICE signal.**

The letters “CM” (voiced as “Charlie Mike”) are followed by a figure from 0 to 5 - to indicate the quality of the VOICE. In addition, it can be followed by the S-meter reading to indicate objective signal strength.

Example: A report of CM4 would be voiced as: “Your signal is Charlie Mike four.” If the meter reading is added (CM4, S9) it becomes: “Your signal is Charlie Mike four, Sierra nine.”

### **The signal is quantified using these criteria:**

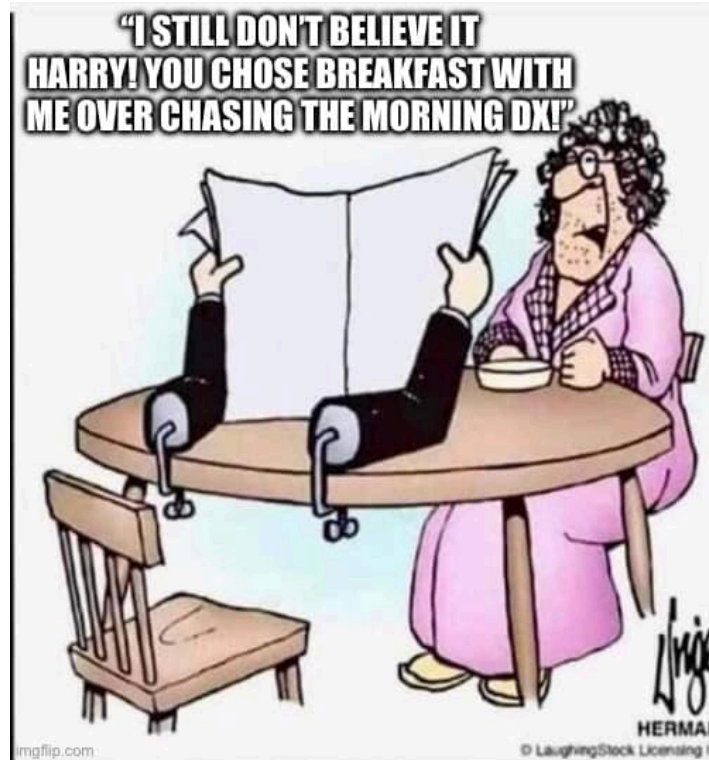
- **CM5 - Completely clear, broadcast quality.** Each word is fully understood, without any objectionable interference or noise; on FM, full quieting. Always breaks squelch (\*). This designator is not always earned on FM, and seldom on SSB; as conditions must be superb.
- **CM4 - Clear with a slight amount of noise and/or interference.** Each word is understood. Always breaks squelch. A common report for solid SSB voice conditions under very good conditions; the FM equivalent is a slight amount of “white noise” behind the transmission.
- **CM3 - Static and/or interference is present.** Bulk of transmissions are understood without having to be repeated. Usually breaks squelch. CM3 is generally considered to be at the margin of acceptable voice communications, particularly when using squelched FM.
- **CM2 - The noise level very close to signal level.** Static and / or interference very prevalent; words are missed, retransmissions are necessary. Won’t break squelch reliably. CM2 is not considered not acceptable or reliable.
- **CM1 - A signal is barely evident and words are unintelligible.** You can tell that someone is “there” but will not break squelch. CM1 is deemed unusable for voice communications.
- **CM0 - Absolutely no signal is detectable.**

(\*) - Used for FM communications only, unless your SSB radio uses a syllabic-derived squelch such as SINAD.

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## DX Addiction??

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Humorous

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### **Laura Sherrod — KI6EOG via Valerie Mason - KK6WLQ**

I wonder how much deeper the ocean would be without sponges.

## **Hospitality Corner**

### **Valerie Mason - KK6WLQ**

Getting ready for Winter Field Day. So far we have (I believe) Pizza, pulled pork, donuts, water, coffee, ? (whatever you can bring). Text/email Valerie or Dan for current info/needs (food, drinks) to make the event successful. Thank you. Hope you all can come see our set up.

The picture we had for the Tehachapi art contest for Christmas turned out well. Thank you to Gabriella Mason and Micah Martin for putting the idea together.

Oh! Don't forget to bring cash to club meetings for raffle drawings. Helps club with needed funds.



## ARRL Contest Calendar

This page provides a summary of events sponsored by the ARRL, the national association for amateur radio. The most current information is on the website at:

<http://www.arrl.org/contest-calendar>.

Another source for contest and on-the-air activity is WA7BNM Contest Calendar at <https://www.contestcalendar.com/weeklycont.php>

### February 2024

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- 12-16 School Club Roundup
- 17-18 DX Contest – CW

### March 2024

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- 2-3 DX Contest - SSB

### April 2024

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- 21 [Rookie Roundup – Phone](#)
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## TARA Calendar

This page is a summary of events sponsored by or involving our club.

All dates are subject to change. Please check the club Facebook and [website](#) for updates.

### February 2024

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- 3, 10, 17, 24 — 1800 hrs PST ,10 Meter Technician Net every Saturday on 28.350 MHz
- 4, 11, 18, 25 — 1900 hrs PST, BVS ERT Net (ARES) (W6SLZ VHF rpt, 146.70 - / 123.0)
- 7, 14, 21, 28 – 1900 hrs PST “Just Because” Net (W6SLZ VHF rpt, 146.70 - / 123.0)
- 1 – 1900 hrs PST, TARA Board Meeting, Via Zoom (invite via email)
- 8 – 1900 hrs PST, TARA Club Meeting, Tehachapi Police Department Conference Room, 220 W C St, Tehachapi.
- 10 — 0830 hrs PST, TARA Club Breakfast at Gracian Grill, 860 E Tehachapi Blvd, Tehachapi, CA Reserve a spot with [Valerie Mason](#) by 3 February
- 10 — 11:00 hrs PST, VE Amateur Radio License Testing, 538 East Tehachapi Boulevard
- 20 — 12:00 PST Tehachapi Chamber of Commerce Luncheon
- 24 —0800 hrs PST, BVS Emergency Radio Team Breakfast at BVS Mulligan Room... Reserve a spot with [Valerie Mason](#) by 10 February.

### March 2024

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- 2, 9, 16, 23, 30 — 1800 hrs, 10 Meter Technician Net every Saturday on 28.350 MHz

- 3, 10, 17, 24, 31 — 1900 hrs PST, BVS ERT Net (ARES) (W6SLZ VHF rpt, 146.70 - / 123.0)
- 6, 13, 20, 27 – 1900 hrs PST “Just Because” Net (W6SLZ VHF rpt, 146.70 - / 123.0)
- 7 – 1900 hrs PST, TARA Board Meeting, Via Zoom (invite via email)
- 9 — 0830 hrs PST, TARA Club Breakfast Gracian Grill, 860 E Tehachapi Blvd, Tehachapi, CA Reserve a spot with [Valerie Mason](#) by 2 March.
- 14 – 1800 hrs PST, TARA Club Meeting Tehachapi Police Department, 220 W C St, Tehachapi
- 30 —0800 hrs PST, BVS Emergency Radio Team Breakfast at BVS Mulligan Room. Reserve a spot with [Valerie Mason](#) by 16 March.

### April 2024

- 3, 10, 17, 24 – 1900 hrs PST “Just Because” Net (W6SLZ VHF rpt, 146.70 - / 123.0)
- 6, 13, 20, 27 — 1800 hrs, 10 Meter Technician Net every Saturday on 28.350 MHz
- 7, 14, 21, 28 — 1900, BVS ERT Net (ARES) (W6SLZ VHF rpt, 146.70 - / 123.0)
- 4 – 1900 hrs PST, TARA Board Meeting, Via Zoom (invite via email)
- 11 – 1900 hrs PST, TARA Club Meeting, Tehachapi Police Department Conference Room, 220 W C St, Tehachapi.
- 13 — 0830 hrs PST, TARA Club Breakfast at Gracian Grill, 860 E Tehachapi Blvd, Tehachapi, CA Reserve a spot with [Valerie Mason](#) by 6 April
- 16 — 12:00 PST Tehachapi Chamber of Commerce Luncheon
- 27 — 0800 hrs PST, BVS Emergency Radio Team Breakfast at BVS Mulligan Room... Reserve a spot with [Valerie Mason](#) by 13 April

## Reference Information

Local Repeater Information				
BVS APRS Digipeater	144.390	No tone	AC6EE-3	APRS
BVS Repeater Backup Freq.	146.700 145.580	123.0 Hz Tone Simplex	W6SLZ	Open Machine
BVS Repeater	440.625	100.0 Hz Tone	W6SLZ	Open Machine ( <a href="#">WIN System</a> node)

Local Repeater Information				
Tehachapi Repeater (Cummings Mtn.)	442.925(+)	141.3 Hz tone	KI6HHU	On the <a href="#">KERN System</a>
Tehachapi Repeater (Double Mtn.)	446.320(-)	151.4 Hz tone	KI6HHU	On the <a href="#">KERN System</a>
Tehachapi Repeater	444.225	100.0 Hz TONE	KG6KKV	Overlooks Bakersfield
Tehachapi Repeater	447.120	67.0 Hz Tone	KR6DK	Linked to KR6DK Bilingual Repeater Network
DMR Repeater	442.675	Offset: +5.000 ColorCode: 1	K6RET	Brandmeister, Bakersfield, CA The location is in the Tehachapi Mountains near Cummings Mountain
DMR Repeater	442.225	Offset: +5.000 ColorCode: 1	K6GTA	Brandmeister, Located about halfway up Bear Mountain at about 3,200' coverage to west side of the mountain in Bear Valley Springs
Tehachapi Simplex	145.58	No Tone		Local Simplex
Tehachapi Simplex	146.54	No Tone		Local Simplex

In addition to the repeaters listed above the following repeaters, part of the Kern System, can be reached from locations throughout the Tehachapi area and much of the San Joaquin Valley. They are linked together and more information may be found at <http://www.KernSystem.org>

KERN System Linked Repeaters				
Frazier Mountain (8,000')	447.860	141.3 Hz Tone	KK6AC	Jerry Garis

KERN System Linked Repeaters				
Cummings Mountain (7,800')	442.95	141.3 Hz Tone	KI6HHU	Lee Bouchard
Double Mountain (8,000')	446.320	151.4 Hz Tone	KI6HHU	Lee Bouchard

ARRG Linked Repeaters				
Cummings Mountain (7,800')	444.425	100 Hz Tone		

**ATTENTION:**

For those interested in monitoring dispatch for the Bear Valley Springs Police Department

- KCSO Eastern Dispatch — 460.225
- KCSO East TAC — 460.125

All dispatch for BVSPD will be handled by the Kern County Sheriff’s Department

Club & Other Websites	
TARA website	<a href="http://www.ac6ee.org">http://www.ac6ee.org</a>
TARA Facebook	<a href="https://www.facebook.com/TARAtehachapiamateurradio/">https://www.facebook.com/TARAtehachapiamateurradio/</a>
Tehachapi-hams (email list)	<a href="https://groups.io/g/tehachapi-hams/">https://groups.io/g/tehachapi-hams/</a>
Antelope Valley Amateur Radio Club (AVARC)	<a href="http://www.k6ox.club/index.html">http://www.k6ox.club/index.html</a>
Kern County-Central Valley Amateur Radio Club (KCCVARC)	<a href="http://www.w6lie.org">http://www.w6lie.org</a>
ARRL	<a href="http://www.arrl.org">http://www.arrl.org</a>
West Kern County Amateur Radio Emergency Services (WKCARES)	<a href="http://westernkerncountyares.org/index.html">http://westernkerncountyares.org/index.html</a>

Officers & Committee Chairs			
Officer/Committee Chair	Name	Call	Email
President	Dan Mason	AB6DM	<a href="mailto:ab6dm@arrl.net">ab6dm@arrl.net</a>
1st Vice President	Dan Mason (Interim)	AB6DM	<a href="mailto:ab6dm@arrl.net">ab6dm@arrl.net</a>
2nd Vice President	Ray Gretlein	W6QPA	<a href="mailto:w6qpa@ac6ee.org">w6qpa@ac6ee.org</a>
Secretary/Treasurer	John Dyer	KM6DXY	<a href="mailto:km6dxy@ac6ee.org">km6dxy@ac6ee.org</a>
Technical Director	Dick Brown	W6SLZ	<a href="mailto:db24130@sbcglobal.net">db24130@sbcglobal.net</a>
Web Page & FaceBook Committee Chair	John Dyer	KM6DXY	<a href="mailto:km6dxy@ac6ee.org">km6dxy@ac6ee.org</a>
Hospitality Committee Chair	Valerie Mason	KK6WLO	<a href="mailto:val3mason@yahoo.com">val3mason@yahoo.com</a>
Public Affairs Committee Chair	Micah Martin	KN6VUT	<a href="mailto:kn6vut@ac6ee.org">kn6vut@ac6ee.org</a>

### Meeting and Club Membership Information

The Tehachapi Amateur Radio Association meets every second Thursday of the month at 7:00 PM (except for July - no meeting). Our meetings are on Zoom and in-person, our meeting site is now the Tehachapi Police Department Conference Room, 220 W C St, Tehachapi.

Member Annual Dues: \$25.00/year

Additional Family Member: \$12.50/per person

### Membership Application

Download a copy of our Membership Application [here](#). Please share this with any friends, family or neighbors that are either hams or may be interested in amateur radio. Applications are accepted at all club meetings or you may mail your application along with the applicable dues to the club Post Office Box:

Tehachapi Amateur Radio Association (TARA)  
 P.O. Box 134  
 Keene, CA 93531