



MTARA NEWS



President Lorna's KJ6GFS Message

Hello, MTARA members ~~

What a busy month August has been. Numerous MTARA members offered radio support for the Mountain Top Days Parade in Running Springs, the Tour de Big Bear bicycle race in Big Bear, and the two-day Kodiak 100, ultra-marathons (100-mile & 100-kilometer) whose dirt trail courses stretched through treacherous mountain terrain from Big Bear Village to Snow Valley and back.

Kudos to John (W6GC) and Dede (K6DDZ) for organizing the radio communications for the Kodiak 100. Part of the fun was utilizing Runner Track, a computer program that allows communications personnel at the numerous aid stations to log each runner as he/she enters and leaves the station. This efficient program requires only five or fewer keystrokes to track each runner, and automatically sends the info (locale, time of day, runner's name, elapsed time, etc.) to a central database, where it can be queried to answer questions of anyone who has concerns about a runner.

I'm sure we all welcomed the August 22 news of the reopening of Highway 18 between Route 189/Lake Gregory Drive and Pine Avenue. Needless to say, much time will be saved in getting many of us mountain folk to where we need to be.

Our next in-person MTARA meeting will be on Tuesday, September 6, at 7 p.m. at the Lake Arrowhead Community Presbyterian Church. The agenda for the meeting is sure to include discussion of our participation in the upcoming Big Bear Gran Fondo on October 8, and the Great American Shake Out at 10:20 a.m. on October 20 (**on** ten/twenty **at** ten/twenty).

Hope to see you soon !

Seven Three, Everyone ~~ Lorna

Officers

- **President:**
Lorna Polley, KJ6GFS
- **Vice-President:**
Chet Olson, AE6CO
- **Treasurer:**
Nancy Karlson, K6CUB
- **Secretary/Newsletter**
Debbie Johnson, WB6LVC
- **Ed/Membership:**
Tracy Lenocker, WM6T
- **Past Presidents:**
John Snedden, KT7P
Vic Marquez, KK6WKI

The Rim of the World ARES group is an ARRL affiliated organization and part of the Mountain Top Amateur Radio Association

Monthly Club Meetings

Club meetings are held on the first Tuesday of each month. The meeting begins at 7:00 p.m. and lasts until approximately 9:00 p.m.

Our meetings are open to everyone; so bring a friend, and keep the hobby growing. There is always a presentation that will pique your interest and add to your knowledge.

All upcoming meetings, beginning with July 5, 2022, will be held at the Lake Arrowhead Community Presbyterian Church, 351 South State Highway 173, Lake Arrowhead, CA 92352

Membership

Membership in MTARA is open to any individual interested in learning more about Amateur Radio. An FCC issued license is not required, but is encouraged. Membership is on an annual basis, running for the calendar year. There are no prorated membership fees. Club fees are \$20.00 for a single membership and \$30.00 for a family membership. The necessary forms can be found on the club's home page @ MTARA.club. Current members only need to send in their dues to MTARA, PO Box 2441, Lake Arrowhead, Ca. New members will need to download and send in their forms and payment to the same address.



TREASURER'S REPORT

Our ending July Balance was

\$8,515.00

Expenses:

\$1,520.00

73, Nancy K6CUB

Local Weekly Nets

	Repeater	Time	Activity	Purpose
Monday	MTARA—2	7:00 p.m.	Weekly Check-In	MTARA News
Monday	144.330 MHz	8:00 p.m.	“Gordo Net”	Simplex Readiness
Tuesday	MTARA—5	7:00 p.m.	“Debbie Net”	Educational Topics
Wednesday	HF	7:30 p.m. First Wednesday	7.223 MHz	Band(s) Status
Friday	MTARA—5	5:00 p.m.	YL Happy Hour	It’s Friday
Daily	CBARC	7:00 a.m.	Tech. Net	Elmer Sessions

Upcoming Calendar Of Events

- September 10-12—ARRL September VHF Contest
- September 11—North American CW Sprint
- September 17-18—QSO Today Virtual Ham Expo qsotodayhamexpo.com
- October 8—Big Bear Gran Fondo
- October 14-16—Pacificon Amateur Radio Convention, San Ramon, CA
- October 14-16—Scouts Jamboree On the Air
- October 17-21—School Club Roundup
- October 20—Great American Shake Out @ 10:20 a.m.

Amateur Radio Exams Now Online or In-Person! No Paper! All Electronic! Very Cool!

with K6DDZ & AA6GJ

Now that MTARA is back in-person for meetings, amateur radio testing will be offered before each meeting. Testing will cover all three elements (Technician, General and Amateur Extra). Remote (online) testing is also available by appointment.

Registration should be completed online so we can plan for our session. Walk-ins may be accepted if time permits. Space is limited.

To Register:

***Go to HamStudy.org to “Find a Session.”**

***Choose the MTARA Monthly Meeting by Choosing Your Location or Zip Code.**

***Register: Please make certain that your address matches the information in the FCC website. A photo ID will be required for testing.**

***Payment of \$14.00 CASH will be collected during the test session.**

Testing will be on tablets which will be provided. There will be no paper tests. Anyone may also test on their own tablet, laptop or phone. Calculators are permitted. Results will be immediate.

If you have any questions about testing or problems setting up your FCC Registration Number, please contact DedeK6DDZ@gmail.com.

And if you are DTH (Down the Hill)

You can test all classes of license with the

West End Amateur Radio
Group



That's my team AA6GJ and the Group

If you are interested drop me an email at AA6GJ@arrl.net to set a time, either online or in-person or to just get information. We can help you with your FRN, too.

73,

Gary

<https://GaryRJohnson.org>

The Kodiak 100 by WB6LVC

“73-IN/22:32. 189-Out/07:23!” and so went the calls from Aid Station to Radio Control/Runner Track operator, beginning at 0660 on 8/19 through 1900 hours on 8/20 (from the start to the finish and beyond) of the Kodiak 100 this past weekend in Big Bear Valley. Not only were a great many of our MTARA members volunteers for this event, but the entire event was coordinated by two of our club members-John Emig/W6GC and Dede Hermon/K6DDZ. Kudos to them for the tremendous amount of work they put in to make this a successful event. Along with being Net Control and Start/Finish, radio operators were spread out along the entire race route to monitor and track runners, aid, and assist, as needed, any runner or member of the race support teams with emergencies and requests for supplies and provide communication to other locales as requested. Operators were assigned to all of the check-in sites on the race route. That was a total of 13 sites, not counting Net Control-Start/Finish. Depending upon the location site, shifts ran anywhere from 3 or 4 hours up to 10-14! All operators provided their own equipment and set up along with food, shelter and any other personal items needed while on their shifts.

As with any event, there is always a glitch or problem that although upsetting and stressful at the time it takes place, later becomes the story that all remember, and share with a smile and a laugh. One such event took place at the Rim Nordic location. When Tracy/WM6T and team arrived at the location, they ran in to trouble trying to enter and set up their camp because “The gate is locked!” That was the call received by Net Control. But, true to form, the team, assisted by the aid station volunteers, hand carried in all of the supplies, about 200 yards from where they were parked, to the set-up site. The gate key finally arrived (just before the first runner) and the gate was opened!! Bravo to Team Tracy, et.al.

Here are a few photos of the Sugar Loaf #2 area that Gary and I were located at. Always interesting in these activities to see where you end up and how the equipment works. We were able to run our location with everything inside the Jeep. Not even an outside antenna was needed! As for our next assigned location...? Only time will tell.



March Airfield and The Frank Zizzo Radio Room

by WB6LVC

On Tuesday, August 16th., a group of our MTARA members had a “Field Trip” to Riverside where we visited the Air Museum and Radio Room mentioned in the above title. Before I share with you what we saw and what we did, I would like to give you some background on the site, especially the radio room/museum.

The March Field Air Museum began back in 1979. At that time, it was located on the then March Air Base. In 1993, it was moved to its current location. Originally, the museum was recognized as part of the official U.S. Air Museum. Later, in 1996, the museum came under the care of the March Field Museum Foundation. Today, the museum displays one of the largest collection of military aircraft on the West Coast. Along with the aircrafts and artifacts from the various conflicts, there is also a Radio Museum. The room which houses the radio equipment is operated by the Moreno Valley Amateur Radio Association. The Museum bears the name of Frank Zizzo, WA6CJT/SK, whose collection of antique radios was donated to the museum after his passing in 2018. Frank was an avid collector of antique radios, in particular pre-World War II Hallicrafters known as “boat anchors.” At the museum, you will see his obituary/biography posted that gives you all of the facts of this amazing man’s life. He was a Ham for over 50 years, using his radio skills in the military as well as in his private life.

As you will see from the included photos, this is a room filled with history. Many of the items are from Dr. Zizzo’s collection, but there are also other items donated from other individuals. When we arrived at the museum, we were greeted by Carl Gardenias, the retired Orange Section leader for ARRL. Carl escorted us over to the museum where we met members of MVARA- the Moreno Valley club that oversees the museum. After we had signed in, Steve/W7DTH showed us around the room, giving a great presentation of the equipment on each wall. He was joined by Dirk/N6UNH who shared great facts and stories about the equipment and how they had acquired them. Later on, Susan/K6ZPL arrived and visited with many of us individually as we roamed the room, asked questions, and learned more about the club’s future plans for the museum.

Join us, now, and tour the room with these photos that will give you a personal feel for what we experienced firsthand!





Ponder the Pool by AA6GJ

Ponder the Pool is a way for us as Amateur Radio Enthusiasts to dive into selected questions more deeply from each of the current FCC pool of questions used to create the randomly generated Examinations for the Technician, General, and Amateur Extra License. Ponder the Pool is helpful to individuals who are studying for an exam or simply to review concepts that we have already learned.

Because, as we know, if we don't use it, we lose it.

The question we will ponder today comes from the current Extra Class pool.

Question: *E1C11 – Which of the following operating arrangements allows an FCC-licensed U.S. citizen to operate in many European countries, and alien amateurs from many European countries to operate in the U.S.?*

At our MTARA Meeting held on August 2nd, we had a gentleman visiting from the Czech Republic. His name is Prof. Karel Roubik, W6/OK1FXA, who gave a wonderful presentation on this very subject. He also wrote a very fine article for our newsletter covering this topic. So, he will be explaining and answering this question to ponder. Thank you Karel!

Just Take Your Transmitter and Go Abroad...Without Any Paperwork

By W6/OK1FXA

If I go abroad on vacation to see an interesting city or just to visit friends, I will not ask the telecommunication authority of the visited country for a temporary amateur radio license, as is done during DXpeditions or international contests. Still, the radio would be useful for communicating with friends I travel with, for chatting with local radio amateurs, or as a backup means of communication in case something nasty happens.

There is one convenient way to transmit from abroad while retaining your own call sign and not having to ask anyone for permission or a license.

Since 1985, there has been an agreement between a number of countries around the world to allow amateur radio operators to transmit while visiting a foreign country without any paperwork. This agreement was initiated by the European Conference of Postal and Telecommunications Administrations (CEPT). Currently, 48 countries are members of the CEPT, and many countries cooperate with the CEPT and accept its recommendations. CEPT Recommendation T/R 61-01 regulates how radio amateurs can easily transmit in countries that have accepted this Recommendation.

So how to use this option in practice?

1. It is necessary to find out if the country I want to go to has accepted CEPT Recommendation T/R 61-01. The full text of the Recommendation can be found at <https://docdb.cept.org/download/2ae38a89-e58a/TR6101.pdf>, which includes a table of CEPT members that have accepted the Recommendation (Table 1) and tables of countries that are not CEPT members but have accepted the Recommendation as well (Table 2 and 3). These countries include for example Canada, Australia, and Israel, but for example Mexico is not one of them!

2. In the same tables, it is necessary to determine what is the minimum level of license required to be able to use this option. In European countries there are usually only two levels: A (full) and N (novice, sometimes also referred to as B). Most of the time, the required level is A. Specifically, for US radio amateurs, Table 3 shows that the required level is "Amateur Extra" or "Amateur Advanced".

3. From the tables cited above, it is also possible to see what operating privileges visitors to a given country are granted. In general, according to T/R 61-01, it is "The CEPT License permits utilization of all frequency bands allocated to the Amateur Service and Amateur Satellite Service and authorized in the country where the amateur station is to be operated." So, when I, as an amateur radio operator from the Czech Republic, transmit in the USA, I have (according to Table 3) operating privileges at the "Amateur Extra" level.

4. Finally, from these tables, I find out the prefix of the state that I have to put in front of my call sign: "When transmitting in the visited country, the licensee must use his national call sign preceded by the prefix of the call sign of the visited country as shown in the tables. The call sign prefix and the national call sign shall be separated by the character '/' (telegraphy) or the word 'stroke' (telephony)." In my case, when I transmit from California, I use the call sign W6/OK1FXA. An amateur radio operator coming from the USA, transmitting from the Czech Republic, would use the call sign OK/WB6LVC, for example.

When transmitting from abroad, it is important to note that there are three ITU zones, which differ in frequency bands and modes of operation. In addition, each country has its own band plan and its own specifications and restrictions that must be fully respected. An overview of the conditions, bands and modes of operation can be found on the website of the German society DARC: file:///C:/Users/Karel/Downloads/Cept_Laenderliste-1.pdf. This file is updated regularly.

If you would like to review my presentation slides from the MTARA meeting held on August 2, 2022, they can be found at <https://ventilation.fbmi.cvut.cz/for-our-students/>.

73, Karel, W6/OK1FXA
e-mail: roubik@fbmi.cvut.cz

The official answer to this question is:
[E1C11 – CEPT Agreement](#).

That's *Ponder the Pool* for another month. I hope it was helpful.
Stay tuned, next month we will come up with another question to ponder. 73 – Gary



Mountain Top Amateur Radio Association

The Amateur's Code by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED Radio is an avocation, never interfering with duties owed to family, job, school or commu-

MTARA Shirts, Jackets, and More

We have many items available with our club logo.

The information for ordering is as follows:

- Name Tags—Harlan Technologies, Name Tags by Gene (715) 340-1299, www.hampubs.com
- Mouse Pads—Check with Jodi, WA6JL
- Polo Shirts—Port Authority K420P Dark Green, L420 Dark Green, K100LS Dark Green.
- Jackets—Forest Green or Black. Sizes Small to 6X
- Contact:

Hurt Ink

2651 Coleen Lane

San Bernardino, CA 92407

(909) 815-6852

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www.hurtink.com

