



# MARC Beacon

Volume 12, Issue 7 The Morongo Basin Amateur Radio Club Newsletter

JULY 2023

Hello HAM radio family. Field Day was a big success! A big thank you to everyone that made this Field Day one of my best ones. There was lots of camaraderie, teamwork, and mentoring during the entire weekend.

The 20 June exam session on base created 6 Technicians and 1 General. The 24 June exam session at the community center created 4 Technicians and 1 General. Most of them already received their callsign. Thank you to the following Volunteer Examiners (VEs) who assisted me in administering the exams: Glenn N6GIW, Loren KM6QQP, Lis N6NDC, Clifford KK6QMS, Steve KN6RWD, Keith N6GKB

My small article about the January exam session aboard the base is on page 20 of the July 2023 issue of QST magazine!

Happy Independence Day! We are so luck to be in the United States of America! Please celebrate well on the 4th of July.

If you have an idea for a presentation during our monthly meetings, then please contact me. Let me know what subject you would like more information on.

Please schedule time to check in on the 7 PM Tuesday net, and if you can, please join us on the "Cawfee Tawk" net everyday from 1000 to 1100 AM.

Take care of yourself and enjoy each day. If you're not having fun, then you're doing something wrong.

**Rob Cloutier**

**WO4ROB**

Joshua tree

Club President

(760)401-6666

[rob\\_cloutier@hotmail.com](mailto:rob_cloutier@hotmail.com)



## Nets

Amateur Radio Emergency Service (ARES)

Mon @ 1915

Morongo Basin Amateur Radio Club (MARC)

Tue @ 1900

**MARC Daily informal Kawfee Talk**

**1000-1100 DAILY**

## Social Media,

Club web page: <http://www.w6ba.net>

Facebook:

<https://www.facebook.com/MorongoBasinAmateurRadioClub>

## Club Meeting

**Every 3rd Thursday of the month at 6 PM. At the church of the Nazarene in Yucca Valley at 56248 Buena Vista Dr**

## Linked Repeaters

**Yucca Valley, W6BA**

146.790 MHz (- shift = 146.190 MHz) 136.5 Hz PL/CTCSS

**Twentynine Palms, W6BA**

147.060 MHz (+ shift = 147.660 MHz) 136.5 Hz PL/CTCSS

**Landers, WB6CDF**

447.580 MHz (- shift = 442.580 MHz) 173.8 Hz PL/CTCSS

## OTHER AREA REPEATERS

IRLP Node KD6DIQ 145.770 pl 67.0

San Jacinto TRAM one 145.480 (-) pl 107.2

Snow Peak 445.160 (-) pl 67.0

ALLSTAR NODE on the mesa 147.705 pl 146.2

ALLSTAR NODE in Y.V. 446.120 pl 131.8

**WWW.W6BA.NET**



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

## KEN HENDRICKSON, W6BZY



Some helpful you tube videos from Ken W6BZY about Linux and raspberry Pi.



Search **W6BZY** on YouTube.



**LOCAL REPEATER ON PAXTON HILL**

## OUR CLUB MEETING!!!!

IN THE MONTH OF APRIL, OUR LOCAL CLUB MEETING WILL BE :

6:00 P.M. July 20 TH

At Church of the Nazarene in  
Yucca Valley at  
56248 Buena Vista Dr.

## NEW CLUB FACEBOOK GROUP FOR THE MARC CLUB

I have created a Facebook "Group" for the Club. We currently have a FB "Page" which only allows Admins and Moderators to post directly on the Posts section.

Here is the link to the new "Group" - so if you are on Facebook, please click on this link and LIKE our new Group.

<https://www.facebook.com/groups/577155023327981>

The new Group will be must more user friendly. Feedback is most welcome. Thanks, Judy, N6JLL

**THANK YOU JUDY N6JLL**

# Membership Dues

**We are doing our club dues round up at the beginning of the year.**

**If you're not sure if your dues are up to date, please check with Glenn N6GIW and he can let you know if they are due or when they are due.**

**Not everyone is due at the same time of the year**

## FIELD DAY REPORT 2023

WE ALL HAD A GREAT TIME AND MADE 168 CONTACTS MORE TO COME IN THE NEXT NEWSLETTER. Pictures and more..



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

## LOCATED IN THE JULY QST 2023

The 20 June exam session on base created 6 Technicians and 1 General. The 24 June exam session at the community center created 4 Technicians and 1 General. Most of them already received their callsign.

### Paperless USMC Exam Session

The first online, paperless, W6BA amateur radio exam session in the Morongo Basin was conducted aboard the Marine Corps Air Ground Combat Center (MCAGCC) in Twentynine Palms, California on December 7, 2022.

Amateur radio was first introduced to Communications Officers by Chief Warrant Officer Kalem Cossette, KK4KC, and the majority of the candidates were Communications Officers at the Marine Corps Communication-Electronics School (MCES). Morongo Basin Amateur Radio Club (MBARC) President Rob Cloutier, WO4ROB, was contacted about giving exams. MBARC works with the Greater Los Angeles Amateur Radio Group (GLAARG) Volunteer Exam Coordinator (VEC) to administer paper exams; however, for such a large group, GLAARG wanted to administer paperless exams.

The High Desert VE team began training with Dave DiGiorgio, AD4VE, a GLAARG Session Manager Trainer, on how to administer remote sessions using a video conferencing computer application, and ExamTools, an online database for amateur radio exams.

Within a few weeks, the in-person paperless exam session was administered. Twenty-one candidates passed their Technician-

class exam, and one passed their General-class exam. Plans are being made to hold amateur radio exam sessions every 3 months. — Thanks to Rob Cloutier, WO4ROB, for this story.



Volunteer Examiners Clifford Novoy, KK6QMS, Rob Cloutier, WO4ROB, and Norm Goodkin, K8YXH, administering amateur radio exams to marines.

20 July 2023 QST www.arrl.org

And during field day Saturday our exam session created 4 Technicians and 1 General.

Thank you to the following Volunteer Examiners (VEs) who assisted me in administering the exams: Glenn N6GIW, Loren KM6QQP, Lis N6NDC, Clifford KK6QMS, Steve KN6RWD, Keith N6GKB



HAM Radio Study Guides and Exams are now paperless and online!

Use <https://hamstudy.org/> to study for your exam. You must read every question in the exam pool before taking practice exams.

Go to <https://hamstudy.org/sessions> to find an online exam session.

If you want to take your Amateur Radio exam in person, then you can do so at the Yucca Mesa Community Center, 3133 Balsa Ave, Yucca Valley, CA 92284, from 1 to 5 PM on Saturday 24 June 2023, during Field Day. Walk-in's are not aloud so please register at the following link:

<https://hamstudy.org/sessions/645aba88b1cd9ac876d127bf/1>

Rob Cloutier  
[WO4ROB@gmail.com](mailto:WO4ROB@gmail.com)  
(760)401-6666



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

**WHEN ALL ELSE FAILS...**

**AMATEUR RADIO**

[WWW.ARRL.ORG](http://WWW.ARRL.ORG)

*Since 1960, Electronics Warehouse has served the greater Riverside and Southern California area by providing reasonably priced electronics. The store will offer significant discounts on all inventory and store equipment up until July 15.*

*We thank you for your patronage of Electronics Warehouse, and invite you to reach out to the staff for any inquiries about purchasing merchandise*

QUALITY COMPONENTS SINCE 1960 "OPEN TO THE PUBLIC"

**ELECTRONICS WAREHOUSE**

- NETWORKING
- SURVEILLANCE
- WIRE & CABLE
- TOOLS
- BATTERIES

INDUSTRIAL ■ RESEARCH ■ HOBBY

2691 Main St. Riverside, CA 92501 Phone: 951-686-6186 Fax: 951-686-6823

## Going out of business



*Dear Valued Customer,*

*After sixty years of retail business, Electronics Warehouse will **close its doors on Saturday, July 15.** This was a decision made by the family of Don Moberly, who passed away in November 2021.*

**Amateur Television Network**

**ATN**

**On The Air To Everywhere**

The Amateur Television Network (ATN) was started by a group of ATVers in Southern California. It grew from one ATV repeater to a NETWORK of linked repeaters known as the Amateur Television Network. The ATN then branched out to Nevada (Las Vegas) and to several repeaters in Arizona.

Through contacts made on the internet and at the Dayton Hamvention the ATN started other state chapters to include Northern California, Florida, Delaware, Kentucky, Georgia, Illinois, Indiana, New Mexico, and Washington. As the ATN grew the groups in Arizona and Nevada became their own chapters. Some chapters are still around and functional, others sadly have folded up shop and moved on.



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

Other groups of ATVers, like the [Amateur Television in Central Ohio \(ATCO\)](#) interface from time to time with the Amateur Television Network but have chosen to not become a chapter of the ATN. Some existing clubs like the Boulder ATV club, the St. Louis Amateur Television Society, and the Dayton Amateur Radio Club's ATV group wanted to form an ATN chapter but keep their name within the new chapter. We now have ATN-Boulder, ATN-SLATS and ATN-DARA.



our ATN mobile unit we got from ABC studios, the club has since rebuilt the unit inside and out including the paint job.

You can find us on Tuesday night Net time is 7:30 till 9 pm or later sometimes all on video you can view our nets . because we believe HAMS should be seen not just heard!

Join our nets on youtube at <https://www.youtube.com/@AmateurTelevisionNetwork>

We also have recorded weekly nets that you can view on the youtube channel.

Or join us live on <https://whereby.com/atn1>

Live starting at 7:30 pm if you do , enter your call and location when you check in.

OUR WEBSITE IS <https://www.atn-tv.com/home>

## FOR SALE



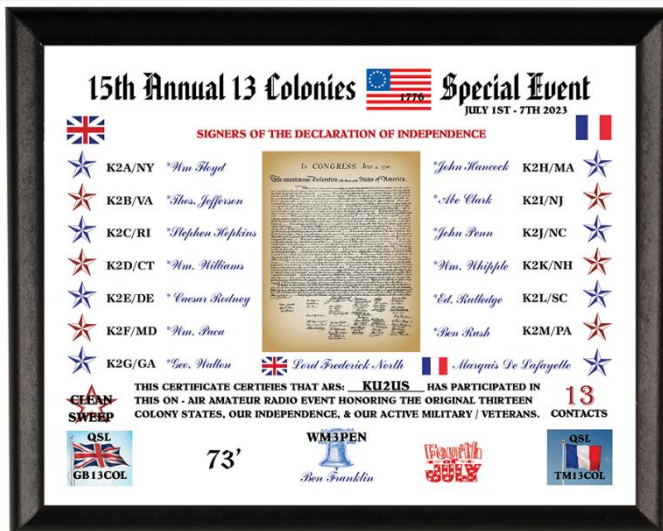
**KENWOOD 922A AMPLIFIER FROM JIM SMART AE6EG. ASKING \$1200. ITS TUNED TO 1200 WATTS OUT WIRED FOR 110V.**

Contact Jim at 760-401-2166 for more information.



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter



## 13 COLONIES SPECIAL EVENT STATION

023 Event Dates / July 1 (9AM Eastern) to July 7 (Midnight Eastern)

(July 1, 2023-1300 UTC to July 8, 2023-0400 UTC)

YOU DO NOT NEED ALL 13 COLONIES TO GET THE CERTIFICATE

YOU DO NOT NEED TO GET THE 2 BONUS STATIONS FOR A CLEAN SWEEP.

### Spotting

If you work a colony station, you are encouraged to spot it for others.

We suggest [DX Summit](#).

The 13 Colonies Special Event is a not for profit event. All donations are used to fund the next years event, and to defray any expenses occurred. All donations are used for operating costs, supplies, equipment, and 13 Colony Group initiatives. Donation is voluntary. If you have difficulty with a donation, tell us on your log sheet, and we will send you the certificate earned-No Questions Asked!.

<http://www.13colonies.us/>

## Qst qst .....

The FCC Universal Licensing System (ULS) has resumed operations, including the Electronic Batch Filing system (EBF).

As of June 27, 2023, all systems have been reported to be working.

However, visitors to the website will see a message referring them to Public Notice DA 23-529 for additional information and guidance on filing deadline extensions.

The systems were first reported unavailable on June 9, 2023. On Friday afternoon, June 23, the EBF system was restored. All VEC organizations use that system for filing exam sessions, individual applications, and club license applications. ARRL VEC staff worked late into Friday night to ensure all backlogged sessions and application files were transmitted to the FCC before the weekend. Approximately 350 backlogged files were successfully submitted to and processed by the FCC before the system's normal shutdown at 8 PM.

ARRL is still monitoring the ULS system, and any further updates will be available at ARRL News.

## Hospital Nets: An Expanding Role for Amateur Radio

By Ira Brodsky, KC9TC, St. Louis, Missouri

Hospital nets deserve a bigger role in amateur radio's future. They not only serve a patently good cause, they can continue and enhance



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

the ongoing development of amateur radio, both to better meet emergency communication needs, and to attract more young people to the service.

Radio amateurs and hospital nets give healthcare providers a powerful communication tool for responding to disasters, and give the amateur radio community opportunities to deploy trained operators dedicated to emergency communication, raise public awareness of amateur radio, and attract young people interested in community service.

Amateur radio's proven emergency communication value is one of the reasons it enjoys access to frequencies up and down the radio spectrum. Amateur radio operators helped rescue people stranded by floods during Hurricane Katrina, and assisted the American Red Cross following the Sept. 11, 2001 terrorist attacks when commercial telecom networks became overloaded. Hospital nets build on that record by helping healthcare providers make the best use of available beds, physicians, and other valuable resources when disaster strikes.

The amateur radio community has partnered with hospitals and government agencies to provide communication when landlines, cell phone networks, and the Internet fail or are impaired. Commercial networks depend on vulnerable infrastructure and were not designed to handle unusual traffic surges. Amateur radio provides capacity on demand for communication over any distance, using voice or data, to and from portable or fixed stations, with or without infrastructure.

Now is a good time to take stock of hospital net accomplishments, the remaining challenges to hospital net growth, and the opportunities that hospital nets present to amateur radio going forward. Today's hospital nets are highly diverse. Some serve just a few local hospitals, others serve greater metropolitan areas, and a few serve entire states. Some hospital nets strictly use analog voice communication, but many support data modes, and some even support one of the VHF/UHF digital voice

formats. Many await their first activation, while others have years of experience responding to disasters.

While hospital nets are mainly expected to respond to local disasters, that's not always the case. "When Hurricane Maria hit Puerto Rico in 2017, patients were flown into Columbia, South Carolina and routed to area hospitals. In response to a National Disaster Medical System request, for several days the South Carolina Healthcare Emergency Amateur Radio Team (SCHEART) manned a redundant communication system in case the primary systems failed," said Roger Mull, KD4JQJ, District Emergency Coordinator, South Carolina ARE

---

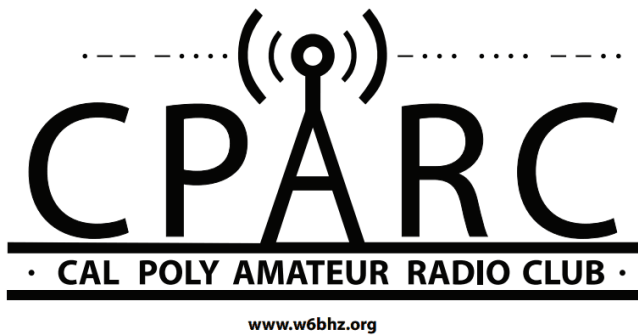
## Cal Poly Amateur Radio Club Achieves 2,000th License Milestone

In a computer science classroom on the California Polytechnic State University campus in San Luis Obispo, iFixit CEO Kyle Wiens, KO6ABA, became the 2,000th licensee of the Cal Poly Amateur Radio Club (CPARC), W6BHZ, on May 23, 2023. CPARC provides a straightforward way for students and community members to take their FCC amateur radio license exam, thereby giving access to the amateur radio frequencies. This milestone reflects the club's commitment to introducing



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter



people to the hobby since the licensing team's formation in 2009.

Kyle, a Cal Poly alumnus, was joined by various members of the iFixit staff for the exam. The collaboration originated from a community repair cafe hosted at iFixit HQ a few weeks prior. After learning of the approaching landmark, Kyle expressed immediate interest in being the 2,000th licensee.

CPARC officers Mathew Shaham, KM6WIU, and Hunter Herring-Alderate, KN6RJA, provided a lightning review session for the members of the iFixit team before the exam. In short form, this mimicked the comprehensive Ham-Cram review session offered by CPARC at the start of the fall quarter. The crash course speeds applicants through the question pool, offering connections and explanations for the material.

As the culminating session of the year, the push to reach 2,000 licensees was at a peak. Abbi Outcalt, KN6SOT, Lab Manager for the Cal Poly CubeSat Laboratory, played an instrumental role in recruitment. CubeSat uses the amateur radio band to communicate with satellites developed by the group on campus. In conjunction with an expansion to the ground station team, CubeSat members expanded the test manifest to 28 prospective applications.

The session marked the largest group of the year and was proctored by seven of CPARC's Volunteer Examiners. Volunteer Examiners are certified radio operators who volunteer their time to help license others into the hobby. Alumnus Marcel Stieber, AI6MS, served as

session liaison, working closely with student lead Andrew Fahey, KN6FIJ, to coordinate the exam.

CPARC's licensing powerhouse exploded with Dr. Dennis Derickson's, ACOP, Freshman Licensing Initiative that was started in 2011. Up until 2022, when the FCC began issuing a fee for new licenses, the initiative provided class credit in the introductory course, Electrical Engineering E-111, for obtaining an amateur radio license. The effort gave new electrical engineering students a preview of topics covered in further classes. It also afforded students a practical outlet for skills, participating in things from radio contesting to volunteer communications support for events. At the peak of the initiative, CPARC licensed more than 100 operators in one 50-minute class period.

The licensing team traces origins back to Marcel; John Chen, KI6QDF, and Garrett Dong, KI6YML, in 2009. Noticing the difficulty at the time to get licensed as a student, they reached out to community members John Portune, W6NBC, and Milton Davis, AI6MD. Since that point, CPARC has provided over 55 exam sessions to the campus and San Luis Obispo communities.

"It's a big milestone," Marcel said. "Most exam teams do not make it to license number 2,000. I am proud to support the students running these exam sessions." As the last papers were graded, the scores came in: most students passed, in addition to every member of the iFixit crew.





# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

## VOTA Update

The yearlong operating event recognizing volunteers continues to attract attention both online and on the bands.

With favorable conditions and near-record turnouts for operating events, many hams are getting the chance to contact ARRL volunteers.

We encourage you to take a look at



the [VOTA website](#) for the latest schedule and list of volunteer points. More information is being added as we go. W1AW/ stations are being activated each month, and this is your chance to contact as many as possible.

Field Day is here, and it's a great time to get on the air and contact many of the stations that are worth VOTA points. If you have not already done so, check out the website and get on the air. A special thanks to the volunteers who have built applications for the events.



# MARC Beacon

The Morongo Basin Amateur Radio Club Newsletter

## JULY 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS LARRY				
9	10	11	12	13	14	15
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS GLENN				
16	17	18	19	20	21	22
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS ROB		CLUB MEETING AT 6PM		
23	24	25	26	27	28	29
	ARES Net 7:15 pm	MARC Net 7:00 pm NCS FRED				
30	31					
	ARES Net 7:15 pm					