



MBARC Beacon

Volume 12, Issue 11 The Morongo Basin Amateur Radio Club Newsletter

NOVEMBER 2023

Hello radio operators! I am writing to you going 75 MPH heading east on interstate 40. It was 21°F in Flagstaff Arizona this morning.

A big thank you to all who showed up at the Halloween Party.

This is the month to vote for the 2024 MBARC officers & board members. Let Keith N6GKB know if you want your name on the ballot.

Happy Holidays!

5 NOV-SET YOUR CLOCK BACK

10 Nov - USMC Birthday

10 Nov - Veterans Day

16 Nov - MBARC voting meeting

20 Nov - Joe Walsh's Birthday

23 Nov - Thanksgiving

Study for your next license so you can take the exam on Saturday afternoon, 27 January 2024 at the Yucca Mesa Community Center.

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. This is WO4ROB Rob from Joshua Tree

Rob Cloutier

WO4ROB

Joshua tree

Club President

(760)401-6666

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



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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

<https://www.westernstatesdmr.com/>

OUR CLUB MEETING!!!!

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

6:00 P.M. NOVEMBER 16 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





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ARLB027 Deadline Extended to November 28, 2023 for 60-Meter Comments

ZCZC AG27
QST de W1AW
ARRL Bulletin 27 ARLB027
From ARRL Headquarters
Newington CT October 30, 2023
To all radio amateurs

SB QST ARL ARLB027
ARLB027 Deadline Extended to November 28, 2023 for
60-Meter Comments

The deadline to file comments on the 60-meter band proposal has been extended by the Federal Communications Commission (FCC) to November 28, 2023. Replies to comments will be due December 28, 2023. The public comment period was originally to close October 30, 2023.

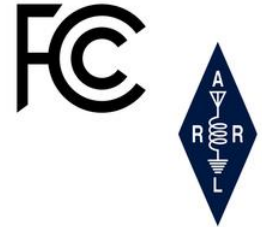
The ARRL strongly encourages all amateurs to submit comments expressing support to the FCC for the current 100 W ERP power limit (instead of reducing the power limit to 15 W EIRP) and continuing secondary access to the current channels.

ARRL has assembled a web page with instructions on how to submit your comments, as well as background information on the issue at,

<https://na01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.arrl.org%2F60-meter-band&data=05%7C01%7C%7Ccfecfa3106634479c98808dbd9868ceb%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C638342944135274670%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=uRIlgcgFsmvZfb6qhGf4jvA0r7mDXh5DrnNOR7zwjW4%3D&reserved=0>

FCC to Vote on Removing Symbol Rate Restrictions

ARRL welcomes news of a scheduled vote by the Federal Communications Commission (FCC) to [consider removing symbol rate restrictions](#) that restrict digital modes, foster inefficient spectrum use, and dampen incentives for innovation. In the draft Commission decision, the FCC would replace the current HF restrictions with a 2.8 kHz bandwidth limit. The Commission also announced that it will consider a Further Notice in which it will propose eliminating similar restrictions where they apply in other bands and consider relying on signal bandwidth limits. If both actions are adopted by the Commission, there will be a period for public comment on the Further Notice issues.



In announcing the proposed Commission actions, FCC Chairwoman Jessica Rosenworcel said that "We're bolstering amateur radio. We will vote on a proposal to incentivize innovation and experimentation in the amateur radio bands by removing outdated restrictions and providing licensees with the flexibility to use modern digital emissions."

ARRL requested and strongly supports replacing the symbol rate limits on the HF bands with a 2.8 kHz bandwidth limit. ARRL also supports eliminating the symbol rate limits in favor of the already-existing bandwidth limits where they apply on the VHF and UHF bands and eliminating the similar limits 2200 and 630-meter bands.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, said the changes will result in a tremendous time savings during disasters, when every second counts. "We will be very pleased to have the FCC remove the restrictions on symbol rate for the amateur bands. This will eliminate the need for



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temporary waivers during an event and provide the ability to train and exercise using the higher symbol rate, allowing increased data capability to our served agencies and partners."

[Congresswoman Debbie Lesko \(AZ-08\) introduced *The Amateur Radio Communications Improvement Act \(H.R. 3241\) on May 11, 2023*, to require that the FCC eliminate the obsolete HF digital symbol rate limit with a 2.8 kHz bandwidth limit.](#)

The Congresswoman subsequently addressed the issue with Chairwoman Rosenworcel in a Congressional oversight hearing. The changes are supported by many state emergency management officials.

ARRL will continue to engage on this matter.

Speak Up for Your Spectrum: 60-Meter-Band Comments Due to the FCC by October 30

Time is running out to take a stand in the effort to protect amateur allocations on the 60-meter band. At the time of writing, nearly 1,500 comments have been filed, many of them being from radio amateurs urging the FCC to protect our access to this critical band. The FCC proposal would take away several of the discreet channels and reduce power output from the current 100 W to less than 10 W.



ARRL asks that all amateurs file comments during the public comment period, which is open until October 30, 2023. ARRL encourages expressions of support to the FCC for the current 100 W ERP power limit (instead of reducing the power limit to 15 W EIRP) and continuing secondary access to the current channels.

ARRL has assembled a web page with instructions on how to submit your comments, that also includes background information on the issue: www.arrl.org/60-meter-band.

To submit your comments for the FCC's consideration in the rulemaking process, go to the FCC web page for the Notice of Proposed Rulemaking's (NPRM) Docket Number 23-120 at <https://www.fcc.gov/ecfs/search/docket-detail/23-120>.

The urgency of this matter is being seen around the amateur community. In a message to ARRL members in the Roanoke Division, Director Jim Boehner, N2ZZ, and Vice Director Bill Morine, N2COP, issued a call to action, stating:

"Even if you are not currently active on 60 meters, the proposed reduction in power from 100 W to an equivalent of less than 10 W is the most sweeping reduction of HF privileges in decades. If amateur radio opposition to this proposed change is weak and the FCC goes through with the change, will a lackluster response from the Amateur Radio community embolden the FCC to remove or modify more HF privileges?"

With just days left in the public comment period, ARRL hopes to see the docket filled with comments in support of keeping 60 meters as the vital resource it is.

Video: Amateur Radio STEM Education Takes Center Stage at Pacificon

ARRL Education and Learning Manager, and IARU Region 2 Youth Coordinator, Steve Goodgame, K5ATA, gave the keynote address at the 2023 ARRL Pacific Division Ham Radio Convention, also known as Pacificon.



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Thumbnail of the YouTube video. [See video on ARRLHQ YouTube channel.](#)

Goodgame was a public-school teacher for 21 years. He carries his experience of bringing ham radio into the classroom into his role at ARRL. "It is safe to say I've learned a thing or two about reaching youth along the way," he quipped.

His presentation, to a packed audience, was a highlight of the convention. Goodgame's passion and vision for promoting youth involvement in the hobby shined in his speech as he discussed STEM education and the importance of inspiring youth and teachers to engage in amateur radio and wireless technology.

Watch "A Vision of the Future of Amateur Radio" on the ARRLHQ YouTube Channel <https://youtu.be/fTi8LDz4dS4?si=GQfSd3k2BS> [ERMy](#) to learn how to grow the next generation of radio amateurs from one of the leaders in the space.

In Brief...

Amateur Radio on the International Space Station (ARISS) is planning their 40th anniversary celebration conference for February 22 - 24, 2024. The Positive Impact of Amateur Radio on Human Spaceflight: 40th Anniversary Conference will be held at the Center for Space Education: Astronauts Memorial Foundation, located adjacent to the NASA Kennedy Space Center Visitors Center in Florida. Organizers hope to gather volunteer teams, astronauts, space agency officials, educators, and space and amateur radio enthusiasts to attend the event. For registration

information and special event pricing at local hotels, visit the event website at <https://www.ariss.org/>, and choose the drop-down menu tab labeled 40th Anniversary. ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include NASA's Space Communications and Navigation program (SCaN), the ISS National Laboratory -- Space Station Explorers, [ARRL](#), and AMSAT.

Technical Topics and Discussion

Many of the presentations from the June 2023 [Software Defined Radio Academy](#), held in conjunction with The HAM RADIO in Friedrichshafen, Germany, are [available on YouTube](#). One that may be of particular interest to HF contesters is called [SDRA'23 - 04 - G3ZIL & G4HZX: Propagation path analysis on HF, using SDR and FST4W](#). In addition to the more common modes of propagation via the F2 layer, they identify some characteristics of "less commonly known modes including two-hop side scatter that can dominate at frequencies above the maximum usable frequency for a band and time of day."

Many ham-radio-related projects use embedded computers now, such as Arduino compatibles, ESP32 variants, and Raspberry Pis. The [Raspberry Pi 5 is now becoming available](#), with a claim of 2 - 3x the speed of the previous generation. Tom's Hardware, a generally well-regarded review website, [found a lot to like about the new board](#), with increased performance, built-in RTC, and even a power button. Some of the expansion HATs will need updating, and with great power comes great need for active cooling.

If you use wire nuts in your around-the-shack projects, you might want to check out [WAGO wire connectors](#) and their equivalent from other vendors. They use either a push-in or lever mechanism to hold wires in place, and like wire



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nuts, come in various sizes for ranges of wire gauges. You can find them at many home improvement stores and via online retailers. To some, these also look nicer than wire nuts in primary-supply wiring in old amps undergoing restoration.

The [ham-amplifiers Groups.io group](#) had a couple of interesting discussions recently regarding fading or weak amplifier tubes. Besides tips on the tells of a fading tube, Mike Sawyer, W3SLK, noted that failing tubes still have uses for amp builders: "My elmer Eric, WB4VVI (SK), always insisted on using a tube with low or no output to test the HV section and grid drive section. That way if you missed something during your construction and an 'event' happens during the testing phase, you will have ruined a tube of little value as opposed to a new [one] or one with full output."

The [Pinecil](#) is a portable soldering iron. It heats in about 6 seconds; charges with USB-C, QC, or a coaxial connector, and is based on [IronOS open-source code for its firmware](#). There's even an extensive [Wiki](#) to learn more about it. Might be just the thing to make small repairs in the field.

That's all for this time. Remember to send contesting-related stories, book reviews, tips, techniques, press releases, errata, schematics, club information, pictures, stories, blog links, and predictions to contest-update@arrl.org.

<https://forums.grz.com/index.php#online-swapmeet.3>

New Operating Award Celebrates QRZ's 30th Anniversary

It's been eight years since QRZ began our operating awards program and in that time, we have issued over 373,000 awards. We want to thank all of you who use the QRZ Logbook on a daily basis, and there are A LOT of you. At this time, QRZ logbooks contain over 817 Million QSOs!

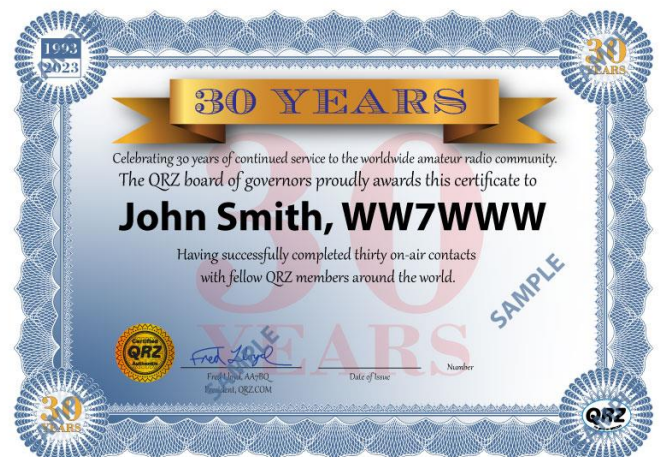
Our newest operating award is called the 30 Years of QRZ Award and it is based solely on communications between QRZ users. The award is achieved when an operator has successfully completed on-air contacts with 30 members of QRZ from around the world. The award celebrates QRZ's 30th Anniversary by recognizing your achievements.

We encourage you to take a look at the QRZ Awards Analyzer to see whether you qualify for the 30 Years of QRZ Award at this time or to see how many more contacts you'll need to qualify.



QRZ.COM

CHECK OUT THE ONLINE HAM RADIO SWAP MEET. GREAT DEALS ALL THE TIME.





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Thank you and 73 from the QRZ Team!

QRZ Awards are FREE

As a member of QRZ with a valid amateur radio license, you are eligible to earn awards based on your QRZ Logbook contents. Your QRZ operating awards show up on your callsign page in a special tab called "Awards". There is no requirement to become a QRZ Subscriber to earn operating awards.

Fine lithographed QRZ award certificates are available at a modest cost.

If you would like a handsomely lithographed and numbered certificate with QRZ's signature holographic seal of authenticity, you may order them directly from your callsign page. These certificates were custom designed for our members and have been reproduced on fine paper by a commercial printing company. They have a gorgeous, high quality look and feel that uniquely recognizes the hard work and dedication used in earning your award.

Applying for an award is simple once you have the confirmed QSOs in your logbook!

From your logbook, simply click "Awards," select the logbook(s) to use toward the award by following the instructions on that page, and select the award heading that you're interested in. From there you will be shown the analysis of your logbook for that award in the Mixed mode. If eligible, you will be presented with a Congratulations screen, and given the option to apply.

To view a different mode, such as CW, Digital, or Phone, simply select the mode from the "Award Type" drop-down menu, and a new analysis will be completed. Like before, if you are eligible, you will be presented with a Congratulations screen, and given the option to apply.

Note: Platinum Subscribers receive one complimentary certificate per year. Life Members are entitled to unlimited certificates.



Coming in early 2025



If you were at the last club meeting you probably saw these awesome HT stands from Ken W6BZY, IF you wish to order one of these you can email ken or Keith for ordering and the options that they are available in colors. For club members \$10 ea.

KEN W6BZY KENSOWN@GMAIL.COM

KEITH N6GKB N6GKB@LIVE.COM



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NOVEMBER 2023

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



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