



MARC Beacon

Volume 12, Issue 3

The Morongo Basin Amateur Radio Club Newsletter

MARCH 2023

Hello radio operators. Spring is around the corner. Don't forget to "spring forward" on Sunday 12 March by advancing your clocks one hour.

1800 Thursday 16 March is our next monthly MARC meeting. We will give a demonstration on how to setup an HF radio to make contacts to distant stations, and I will show you how to make a dipole antenna with a piece of wire. Since the next day is St. Patrick's Day, we should all wear something green during the meeting.

I love technology and electronic gadgets. Jake N6XIV sent me a link of a smartphone with a built in UHF radio. If this piques your interest, then checkout the \$340 "Unihertz Atom XL" Android 11 phone with a 400 - 480 MHz DMR and Analog radio, and tell me what you think.

I am also looking for a portable solar powered battery bank that will fit in a backpack that has a 5 volt USB outlet to charge smartphones and handheld radios. There are devices out there that claim to solar charge batteries, but I have never seen one that actually works. Please contact me if you have one that works.

The next Amateur Radio License Exam Session will be at the Yucca Mesa Community Center at the end of June during field day.

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
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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



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KEN HENDRICKSON, W6BZY



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



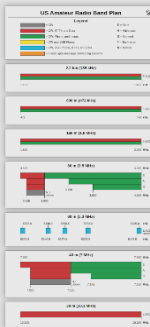
Search **W6BZY** on YouTube.

US Amateur Radio Band Chart

<http://ham.band>

- Easy to remember link
- Easy to use on desktop or mobile
- Light-mode/Dark-mode switchable
- Familiar layout

Send feature requests to Aaron@KM6IAU.net



OUR CLUB MEETING!!!!

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

6:00 P.M. FEB. 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



WIRELESS PROGRAMMING YOUR BAOFENG RADIOS

Mobile phone programming



THIS IS A GAME CHANGER!!! I GOT ONE LAST SATURDAY AND IT WORKS SO EASILY.



LOOK ON AMAZON AND SEARCH FOR " WIRELESS PROGRAMMER".

Multiple Model Support

For Baofeng



TIDRADIO



TID



For Tway



For Rddity



For RT



Others



More models coming soon!

ARTICLE BY KEITH BOARD N6GKB





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World Amateur Radio Day Theme: Human Security for All

The International Amateur Radio Union (IARU) announced that Human Security for All (HS4A) will be this year's theme of [World Amateur Radio Day](#) on April 18, 2023.

The day is being



celebrated with a 2-week operating event occurring April 11 - 25. Special event stations will be operating from around the world, making two-way radio contacts to call attention to the HS4A campaign.

The [concept of human security](#) measures the security of an individual by things essential to one's well-being. This includes economics, food, health, the environment, personal factors, the community, and political factors.

Amateur radio is uniquely positioned to address those challenges by promoting technical knowledge, practical skills, innovative technology, and the deployment of backup systems at the community level that can be called upon in times of emergency.

IARU, a federation of the national amateur radio societies of over 150 countries worldwide, is the global advocate for amateur radio through its Sector Membership in the International Telecommunication Union, an agency of the U.N., and other activities.

The [United Nations Trust Fund for Human Security](#) and the [World Academy of Art and Science](#) are partnering with [IARU](#) in the campaign.

In a release, the partners wrote, "Amateur radio has repeatedly demonstrated its ability to address human security needs. It is a truly global communications medium comprising some three

million radio enthusiasts connecting communities and the peoples of the world."

ARRL participates in World Amateur Radio Day each year. It was on this day in 1925 that the IARU was formed in Paris. ARRL co-founder Hiram Percy Maxim was its first president. For additional World Amateur Radio Day resources, visit <http://www.arrl.org/world-amateur-radio-day>

Amateur Radio on the International Space Station Seeking Contact Proposals

The Amateur Radio on the International Space Station (ARISS) program is seeking formal and informal educational institutions and organizations, either individually or working together, to host an amateur radio contact with a crew member on board the International Space Station (ISS).

ARISS anticipates the contact will be held between January 1, 2024, and June 30, 2024. Crew scheduling and ISS orbits will determine the exact contact dates. To maximize these radio contact opportunities, ARISS is looking for organizations that will draw large numbers of participants and integrate the radio contact into a well-developed education plan.



The deadline to submit a proposal is March 31, 2023. Proposal information and more details, such as expectations, proposal guidelines, and the proposal form, can be found at <https://www.ariss.org/apply-to-host-an-ariss-contact.html>.

An ARISS introductory webinar will be held March 1, 2023, at 8:00 PM EST. The Eventbrite link to sign up for the free webinar is <https://www.eventbrite.com/e/ariss-proposal->



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[webinar-for-spring-2023-proposal-window-registration-515706320487](https://www.marcbeacon.com/webinar-for-spring-2023-proposal-window-registration-515706320487).

ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. The United States sponsors are ARRL, the Radio Amateur Satellite Corporation (AMSAT), Amateur Radio Digital Communications (ARDC), NASA's Space Communications and Navigation program (SCaN), and the ISS National Lab Space Station Explorers (SSE).

2023 Hamvention Awards Announced

The 2023 Hamvention Awards committee for Dayton Hamvention® has announced this year's award winners.

The Special Achievement Award recipient is Dr. Jason McDonald, N2TPA

Dr. McDonald began a career as a radio frequency engineer before becoming a trauma surgeon. He brings amateur radio to the world through youth projects and Scouting, particularly through Radio Scouting.



Dr. Jason McDonald, MD, N2TPA.

He has helped form Scouting clubs around the world. To date, more than 500 youths in these clubs have become licensed and are on the air.

The Amateur Radio Club of the Year is the Delaware Valley Radio Association (DVRA). This ARRL Affiliated Club was formed in 1930 and serves the Trenton, New Jersey, area. DVRA has tripled in size over the last 6 years, due to the wide range of amateur radio activities and events they offer.

The Technical Achievement Award recipient is Dr. James Breakall, WA3FET.

As a Professor of Electrical



Dr. James Breakall, WA3FET.

Engineering at Penn State University from 1989 to 2022, Dr. Breakall developed cutting-edge antenna technology and mentored his students in amateur radio. Through his mentorship, he inspired 700 of his students to become new licensees. Now a retired Professor Emeritus, he serves as a consultant to the Army, Air Force, and Navy on many antenna-related projects.

Amateur of the Year 2023 is Carsten Dauer, DM9EE.

For 30 years, Dauer has been active in European amateur radio through the World



Carsten Dauer, DM9EE.

Radiosport Team Championship and Youth on the Air.



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Recently, he spearheaded a movement that provides amateur radio equipment to Ukraine by collecting donations and personally delivering them.

You can read more about the 2023 Hamvention Awards at their [website](#) or at [ARRL.org](#).

Dayton Hamvention® is May 19 - 21, 2023 at the Greene County Fairgrounds and Expo Center

Schools Set to Talk with Astronauts via Amateur Radio

Amateur Radio on the International Space Station (ARISS) has announced that several schools are planning to communicate with orbiting astronauts in the coming weeks.

Lana'i High &



Students work on an antenna.

Elementary School in Lana'i City, Hawaii, will attempt the contact between March 20 and 24, 2023. Students attending the high school already study amateur radio and the research being done on the ISS, among other scientific pursuits.

Stone Magnet Middle School in Melbourne, Florida, will make their contact between March 27 and April 1, 2023. In their application, Stone Magnet wrote that they work to inspire students to develop interest in science, technology, engineering, arts, and mathematics (STEAM) careers. The school has a special program for science research, and students from that program place well in district and statewide science fairs each year.

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 Lab - Space Station Explorers, [ARRL The National Association for Amateur Radio®](#), and AMSAT.

ARISS is presently [seeking contact proposals](#) for the next round of school selections.

Radio Merit Badge Sees Biggest Gain in Scouting

According to a *Scouting* magazine study of Merit Badges earned in 2022, Radio had the biggest jump.

It is now the 81st most popular Merit Badge, up from being 98th in 2021. Trailing just



Special event station K4S in Jasper, Tennessee, 2018 photo; Radio Scouting.

behind it on the biggest gains list is the Electronics Merit Badge, which jumped 15 spots, from 80th to 65th. To earn the rank of Eagle Scout, members must earn 21 badges, 14 of which are standard. The Scout gets to choose the remaining badges based on personal interests.

Many Scouts take part in Jamboree on the Air, which is being held October 20 - 23, 2023.



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