



MARC Beacon

Volume 12, Issue 6 The Morongo Basin Amateur Radio Club Newsletter

JUNE 2023

President Message 20230601 Hello radio operators.

Welcome to summer, the season for Field Day! Our next monthly meeting will be, 1800 Thursday 15 June, at the Church of the Nazarene in Yucca Valley. The subject will be "Field Day final plans". Don't forget Father's Day, Sunday 18 June. Field Day is 24 - 25 June at the Yucca Mesa Community Center (YMCC), 3133 Balsa Ave, Yucca Valley. I hope everyone at least visits the site to checkout our setup. Free birthday cake & ice cream will be available. An in-person electronic amateur radio exam session is scheduled for 1300 - 1700 Saturday 24 June at the YMCC. Walk-in's are not aloud, so please register at the following link before the date of the exam:

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



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

OUR CLUB MEETING!!!!

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

6:00 P.M. APRIL 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



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Field Day is June 24-25



OUR LOCAL FIELD DAY INFORMATION

FIELD DAY will be located at our usual spot the Yucca Mesa Community Center

3133 Balsa ave yucca valley off of Aberdeen dr.

Talk in will be on the yucca valley repeater
146.790 pl 136.5

For more info contact me Keith N6GKB
760-401-5124. OR n6gkb@live.com

Notes:

- So the plan is that Friday the 23th I plan to setup antennas and coax runs and stations inside and test equipment. And get kitchen setup for the weekend.
- Please let me know if you can help that day. **I deeply appreciate it.**
- Test laptops and check with everyone that is participating to be sure they are ready for logging the weekend entries. And any last-minute questions.

- Remember, Field Day is a non-adjudicated operating event and not a “full speed ahead” contest. It is also not an HF-only event -- all amateur radio bands above 50 MHz may be used during the event. I may try using UHF VHF.
- There will be food served Friday for the volunteers that help with the setup. Also food Saturday and Sunday for all hams that are paid upto date with the club. If your not sure we can look up your date and you can pay onsite.
- Also Saturday there will be testing available if you need to get your technician or wish to upgrade your current ham license.

LOGGING INFO FOR FIELD DAY

You CAN use this software from N3FJP; I have updated the Field Day software to accommodate point scoring for D station to D station QSOs. If you plan to operate in a category other than D, version 6.2 is fine, **but if you will be operating in the D class, please upgrade to version 6.3.** You will find version 6.3 here:

<http://n3fjp.com/fieldday.html>

And the upgrade steps here:

<http://n3fjp.com/upgradestepscontest.html>

USE THE PASSWORD 34744 AND IF YOU DO YOU WILL NEED TO ENTER MY CALL N6GKB.

To get full use of the program!

This will be the program can use on your computer for logging.

I think this will help a lot of our club members that can't make it out or wish to stay home and safe for now still participate in field day with the other club members but from your home.

If you need help setting up your computer or the software let me know ASAP so I can get time to do so. But hopefully it is simple to get and use with the instructions above.



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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>

Point of Contact:
Rob Cloutier
WO4ROB@gmail.com
(760)401-6666



Special Bulletin 5 ARLX005
From ARRL Headquarters
Newington CT June 5, 2023
To all radio amateurs

SB SPCL ARL ARLX005
ARLX005 Licensee Hit With \$24,000 Fine for Jamming
Net, Failure to
ID: FCC

An investigation by the Federal Communications
Commission (FCC)
results in a large fine against a California amateur radio
license
holder.

A Notice of Apparent Liability Forfeiture (NALF) for
\$24,000 has
been filed against Phillip J. Beudet, N6PJB, of Burney,
California.

According to the filing, the penalty is for Beudet
"willfully and
repeatedly interfering with the radio communications of
the Western
Amateur Radio Friendship Association (WARFA) while it
was attempting
to hold a regularly scheduled net and for failing to
provide station
identification on amateur radio frequencies."



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FCC agents used direction finding techniques during November and December of 2022 to track the interfering signals to Beaudet's home station. Agents "heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net while failing to provide his assigned amateur call sign," the document stated.

NNNN
/EX

ARRL Elected to Serve on SAFECOM

ARRL The National Association for Amateur Radio® has been elected to serve on SAFECOM®. SAFECOM is a group of national thought leaders and officials within the emergency communications and response space that works to set standards at every level. The program is managed by the Cybersecurity and Infrastructure Security Agency (CISA), an agency of the US Department of Homeland Security.



SAFECOM sets the standards of interoperability procedures. As a part of the group, ARRL solidifies the Amateur Radio Service as a robust resource before and during times of crisis.

A letter from the SAFECOM Chair, Chief Gerald R. Reardon, stated, "On behalf of the SAFECOM Executive Board, it is with great pleasure that I inform you of our offer to join SAFECOM

as a member



association. SAFECOM aims to improve multi-jurisdictional and intergovernmental communications interoperability through collaboration with emergency responders and policymakers across federal, state, local, tribal, territorial, and international partners. SAFECOM recognizes the organization's dedication to emergency communications and interoperability, and therefore is pleased to extend a membership offer."

ARRL Director of Emergency Management Josh Johnston, KE5MHV, "Gaining a seat at the table is a major step in strengthening the role and capability of amateur radio with emergency communication agencies. This will give us the sounding board and resources we need to set standards and create training for our [Amateur Radio Emergency Service® \(ARES®\)](#) volunteers that will better suit Authorities Having Jurisdiction and partner organizations." The opportunity for ARRL to provide a more comprehensive emergency communications program is part of the goal the Board and ARRL leadership has begun to emphasize over the past few years, and this is one more example of the commitment to do so. ARRL will provide premier resources for the served agencies to support them in all phases of emergency management.



Johnston will serve as the Representative for ARRL on SAFECOM and will be meeting with leadership over the coming days to begin the process of better understanding the roles and responsibilities that come with being a member association. "I look forward to working with the SAFECOM leadership as we move forward and with the ARRL leadership to better serve the ham community, our served agencies, and our partners," Johnston said.

For more information about ARES and other ARRL emergency programs and training, check out our web page at <http://arrl.org/public-service>.



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For more information about SAFECOM, visit <https://www.cisa.gov/safecom>.

Museum Ships On-the-Air Weekend

If you like ships and are an amateur radio operator, 100 ships will be on the air from June 3 - 4 for the annual Museum Ships Weekend event.

Organizers stress that this is not a contest, but a fun event that begins at 0000Z on June 3, 2023, and runs through 2359Z on June 4, 2023.

While operation on any amateur frequency is allowed, most ships will be operating in the general portion of the bands. Other possible modes and frequencies include:



PSK31: 14.070 MHz, 10.142 MHz, 18.100 MHz, 21.070 MHz, and 28.120 MHz

FT8: 3.573 MHz, 5.357, 7.074 MHz, 10.136 MHz, 14.074 MHz, 18.100 MHz, 21.074 MHz, 24.915 MHz, 28.074 MHz, and 50.313 MHz

FT4: 3.575 MHz, 7.047 MHz, 10.140 MHz, 14.140 MHz, 18.105 MHz, 21.140 MHz, 24.919 MHz, 28.180 MHz, and 50.318 MHz

Some ships may also operate at 3880 - 3885 kHz as well as 7290 kHz amplitude modulation with either their original or modern equipment.

All stations that contact at least 15 different participating ships can receive a certificate if they send a copy of their log entries to each individual ship with two exceptions to acceptable contacts:

- Contacting the same ship on more than one frequency or mode does not count as having contacted more than one ships.
- Contacting a non-participating ship does not count.

New this year, DX stations contacting at least 10 different ships will be eligible to request a certificate (this does not include the US states or Canada).

For more on the event and frequencies used, contact [The Battleship New Jersey Amateur Radio Station](#).

Amateur Radio at the 2023 Area Wide Ripley Rendezvous

The [St. Cloud Amateur Radio Club](#), W0SV, will be supporting the Central Minnesota Council of the Boy Scouts of America by participating in the [2023 Area Wide Ripley Rendezvous](#) from June 1 - 4, 2023, at [Camp Ripley](#). This is the 5th year that W0SV has been active in the event.

The Ripley Rendezvous is one of the largest Scouting events in the upper Midwest and includes Scouts from councils across the US and Canada. Camp Ripley is a 53,000-acre military and civilian training facility operated by the Minnesota National Guard near the city of Little Falls. Camp Ripley makes its extensive facilities available for this unique Scouting event.

All amateur radio operators are invited to help with this event.





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W0SV will be operating from Camp Ripley and using the unique 1 x 1 call sign, W0N. New this year will be HF operations. The website, <http://ku5mc.ddns.net:8888>, will be available Saturday, June 3, with a list of frequencies and modes.

Rick Collins, KU5MC, Assistant EmComm Manager for W0SV, said 4,000 - 6,000 Scouts are expected at the event and there will be 11 - 12 operators on site. There will also be eight - nine operators making contacts from their home location.

"Last year, we had almost 800 Scouts participate," said Collins. "This year, we again expect a great turnout and will have a special tent for the HF contacts, including three museum ships in New York."

More information about the event is available on the [W0SV website](#). W0SV is an ARRL Affiliated Club.

ARRL Foundation Accepting Applications for Grants in June

The ARRL Foundation is now accepting grant applications from amateur radio organizations for eligible amateur radio-related projects and initiatives, particularly those focused on educating, licensing, and supporting amateur radio activities.



To grow amateur radio's future, youth-based projects and initiatives are especially encouraged. The ARRL Foundation grants program accepts proposals on a cyclical model three times a year: in February, June, and October. Proposals for the June grant period are accepted through June 30. Awardees will be notified approximately 1 month after the closing of each cycle.

The ARRL Foundation is celebrating its 50th anniversary. The Foundation carefully manages a portfolio of endowments where donors have provided specific goals for their gifts, and that portfolio is invested and managed in a way that it can continue to support those goals for many years to come.

Additional information and a link to the grant application can be found at <http://www.arrl.org/amateur-radio-grants>

D-DAY

June 6, 2023, is the 79th anniversary of D-Day, also known as the Normandy landings of June 6, 1944, that signaled the end of World War II. The South Flanders DX Activity Group will operate the special event station, F/ON6JUN/P, from the Pegasus Bridge in Ranville, Normandy, France. The station will transmit CW, phone, and digital mode operations on all HF bands from June 5 at 12:00 UTC to June 7 at 01:00 UTC. This includes several modulation modes, such as SSB, RTTY, and PSK. A QSL card is available for F/ON6JUN/P by contacting the QSL manager, Jos Lampaert, [ON5SD](#).

For Sale Yaesu VL-1000 Quadra Amplifier



If you know anyone who wants an amplifier, I have one. Terms are available.



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Hi!

For Sale Yaesu VL-1000 Quadra Amplifier. Good+++++ condition. Reason For Selling --- Downsizing! Only owner and used every day. I used it with my Yaesu 991A, Elecraft KX3 and Yaesu 857D*****. Included are:

Manual and original Boxes.

ACL Cable

Band Data Cable

Control Cable

Here is an excellent you tube video on the components and operation:

<https://www.youtube.com/watch?v=-mFcUjjhFIQ>

The VL-1000 also provides automatic band changing exciters; just a press of the "F-SET" key is required to

Two Input and Four Output Jacks

Ensuring easy integration into your multi-rig Yaesu station, the VL-1000 provides two input and four output (antenna) jacks. The microprocessor automatically adjusts the output power according to your original setup, so you never have to

Automatic Antenna Tuner

The built-in Automatic Antenna Tuner is designed to match the antenna to the transmitter system, ensuring full power output without placing the antenna under stress.

And unlike some solid state amplifiers, if you forget to check the SWR, the VL-1000 doesn't turn its power off. It just lets you try to make the contact. further power reduction

THIS INFO CAN BE FOUND @

<https://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=102&encProdID=261A83CAF673084AAC58C6801013F76F>

SUMMARY

HF/50MHz Linear Amplifier

For a bold, clean signal from "Top Band" through the "Magic Band," the VL-1000/VP-1000 QUADRA SYSTEM belongs in your station! Innovative Quadra Push-Pull RF Design for 1 kW of MOSFET Power! Yaesu's engineers have conquered the challenging task of providing high power output from 160 through 6 meters! Yaesu's exclusive Quadra Push-Pull design utilizes 8 rugged MRF-150 MOS FETs for years of reliable operation. Special attention to system grounding and RF bypassing ensures very low spurious emissions, even at maximum power output.

Retail New \$4,000+ Asking \$1,500

Tom McLean KJ6DZT

760.393.1799

FEATURES

Ultra-Conservative Design

The VL-1000 is crafted with reliability as the #1 objective and other parameters allows the microprocessor to control the output time. And the extensive heat sink design provides a huge heat sink for the power components.

Quad Push-Pull Design

Utilizing eight rugged MRF-150 MOS FET power transistors, the design team has conquered the difficult challenge of providing high power output with low spurious emission, along with high reliability.

Automatic Band Change

When operating with most modern Yaesu transceivers, band data information is transferred between the transceiver and the VL-1000, allowing automatic band change on the amplifier when you change bands on the transceiver.



t, input drive, fast response PA and other

on, the Yaesu low spurious



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Graduation Cap Decorated with Call Sign

It's graduation season for high schools across the country.

This rite of passage is often



Cassie Whetstone, KI5DBQ, poses with her cap and diploma from Mangum High School. Photo courtesy of Cassie Whetstone, KI5DBQ.

accompanied by the chance for graduates to decorate their caps for the festivities, and one teenage ham in Oklahoma chose to decorate hers with her call sign.

Cassie Whetstone, KI5DBQ, is a graduate in the Mangum High School class of 2023. She was also a part of the school's Tiger Radio Club, KF5CRF, through which she earned her license. Her graduation cap was decorated with monarch butterflies and a bright floral design on each corner. Sparkly rhinestones lined the cap's edges, and "73's KI5DBQ CLEAR!" was printed down the center.

See a bigger photo of the cap and leave your well wishes for Cassie on the [ARRL Facebook page](#).

In Brief...

Amateur Radio on the International Space Station (ARISS) has announced the schools and host organizations selected for the January - June 2024 window. Of the ARISS education proposals submitted during the recent proposal window, 11 have been accepted to move forward in the planning process for hosting a scheduled amateur radio contact with crew on the ISS. The primary goal of the ARISS program is to engage young people in Science, Technology, Engineering, Arts, and Math (STEAM) activities and raise their awareness of space communications, radio communications, space exploration, and related areas of study and career possibilities. A complete list of the schools and hosts is available on the [ARISS website](#). The ARISS program anticipates that NASA will be able to provide scheduling opportunities for these US host organizations. They are now at work completing an acceptable equipment plan that demonstrates their ability to execute the ham radio contact. Once their equipment plan is approved by the ARISS operations team, the selected schools and organizations will be scheduled, as their availability and flexibility match up with the scheduling opportunities offered by NASA from January through June 2024.

Carl Gardenias, WU6D (SK), of Perris, California, passed away on May 9, 2023. He was 78 years old. Gardenias was elected Section Manager of the ARRL Orange Section in 2003 and retired in 2021. He held an Amateur Extra-class license and served as an ARRL Volunteer Examiner, Field Instructor, and Field Examiner for ARRL Emergency Communications courses. He was a member and former President of the Southern California DX Club (SCDXC) in 1991, DXer of the Year in 2000, and Chairman/Cochairman of the International DX Convention for many years. Gardenias and his wife, Cathy, K6VC, had been traveling the United States. Most recently, they were serving as hosts at a KOA



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campground in Montana. Funeral arrangements are pending.

ARRL Headquarters has position openings for full-time careers.

Available job opportunities include Development Associate, Digital RF Engineer, Marketing Operations Manager, Member Services Representative, and Senior Lab Engineer. Job descriptions and instructions for applying can be found at www.arrl.org/careers. *ARRL is an equal opportunity employer.*

The K7RA Solar Update

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP021:

Both the average daily sunspot numbers and solar flux increased this week. Average daily sunspot numbers rose from 118.6 to 133.4, while average solar flux went from 143.2 to 161.2.



Solar disk image taken May 25, 2023, courtesy of NASA SDO/HMI.

Geomagnetic indicators were more active. Average daily planetary A index went from 9.6 to 17.1, while average middle latitude A index rose from 9.6 to 14.4.

Predicted solar flux is 160 on May 25 - 26; 165 on May 27; 160 on May 28; 155 on May 29 - 30; 160 and 150 on May 31 and June 1; 155 on June 2 - 4; 160, 165, 160, 155, and 150 on June 5 - 9; 145 on June 10 - 11; 150 on June 12; 155 on June 13 - 14; 160 on June 15; 165 on June 16 - 17; 160, 155, and 150 on June 18 - 20; 155 on June 21 - 22, then 160, 165, and 160 on June 23 - 25.

Predicted planetary A index is 12, 15, 8, 5, and 8 on May 25 - 29; 5 on May 30 through June 1; 16, 8, 10, and 8 on June 2 - 5; 5 on June 6 - 15, then 12, 10, 5, 18, 22, 15, and 10 on June 16 - 22.

Check out a video of the beautiful auroras explained here:

<https://tinyurl.com/2zxdmpu6>

Check out sunspot images at these links:

<https://tinyurl.com/muaakxn9>

<https://www.popsci.com/science/sun-images-powerful-solar-telescope/>

Sunspot numbers for May 18 through 24, 2023, were 121, 155, 138, 140, 97, 130, and 153, with a mean of 133.4. 10.7-centimeter flux was 150.6, 164.6, 169.6, 163.4, 161.5, 154.9, and 164.1, with a mean of 161.2. Estimated planetary A indices were 3, 9, 35, 28, 21, 12, and 12, with a mean of 17.1. Middle latitude A index was 8, 10, 26, 19, 17, 11, and 10, with a mean of 14.4.



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