

Volume 32 Number 01 - January 2024

## **The Modulator**

Newsletter and happenings of the Big South Fork Amateur Radio Club.

Serving the Big South Fork Region since 1992.

*If you enjoy reading our publication, be sure to open it fully or you will be automatically dropped from our mailing list in 6 months. We have also updated our system to comply with the new requirements for Gmail and Yahoo email services for 2024. This upgrade should prevent your copy of 'The Modulator' ending up in your email spam box.*

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## **GET ON THE AIR!!**



Interested in emergency communications? We have team in Fentress, Morgan and Scott counties looking for volunteers.

**ARES**



Are you a YL (Young Lady) looking for your very own net? Look no further we have one for you! If your OM is licensed, he can be your control operator for you to get on the air with us.

**YL NET**

**VOLUNTEERS**  
**ON THE AIR 2023**

VOTA (Volunteer On The Air) maybe over but that does not mean we don't need volunteers still.

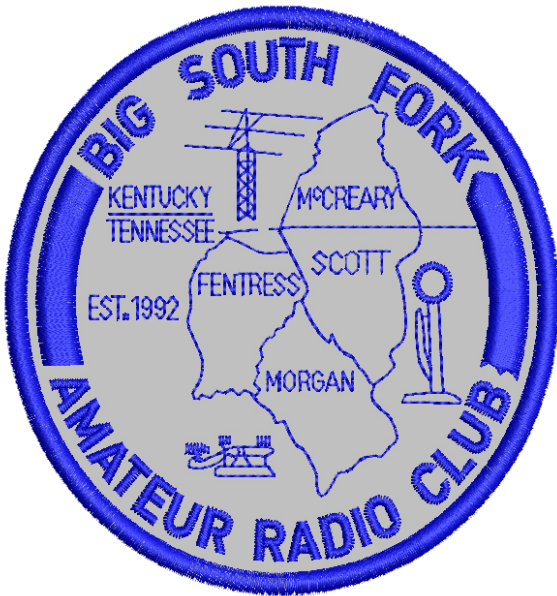
**VOTA INFO**

**LEADERBOARD**

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## UPCOMING EVENTS AND INFORMATION

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We are searching for a volunteer for the Morgan County ARES EC position. Must be at least a technician level and have an interest in emergency communications. We can help with the training!

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Club Training Session

## February 15th, 2023

For February Mike W4ISB will take us through the various digital modes including PSK31 and RTTY. This informative/interactive session will help provide some additional insight into other modes of communication.

Do you have knowledge to share? Are you already familiar with programming microcontrollers? How about a club project to teach the basics to other members? Or a demonstration on using Anderson Powerpoles? Or properly installing coax connectors? If so, why not share that knowledge and teach others!

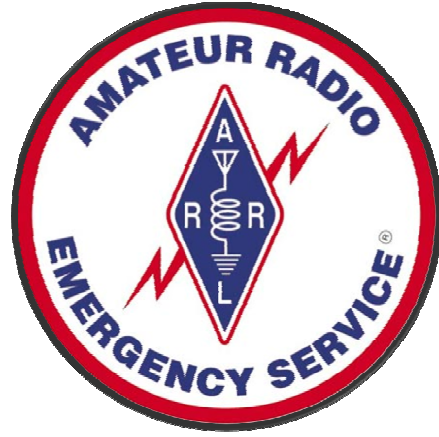
## Club Bi-Monthly Meeting

### March 14, 2024

Our next club meeting will be held on March 14th - 2023 at 7:00pm Eastern at Roane State Community College. This will be our bi-monthly business meeting plus a meet & greet.

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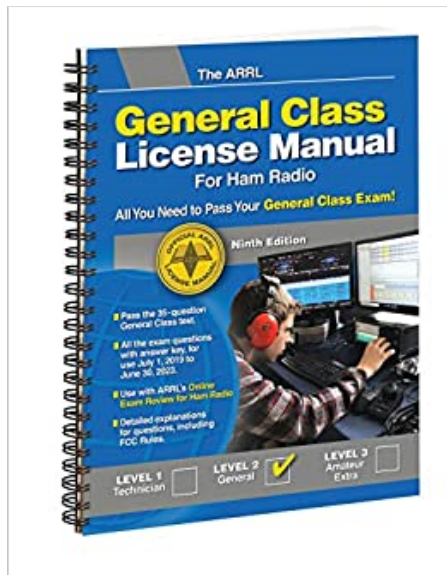
## Congratulations!



The ARRL Field Organization Structure divides the United States and its territories into 71 administrative sections. Each section is headed by an elected Section Manager (SM). Most sections consist of entire states (like Tennessee), but some states have more than one section. The ARRL Amateur Radio Emergency Service (ARES) is then broken down further into District and Local organizations. The National level is run by the ARRL Field Services manager. They maintain contact with the federal government and other national agencies. They make sure the national preparedness program is being followed throughout the nation.

## Section Level

The Section Manager (David Thomas KM4NYI) is accountable for carrying out the duties of the office in accordance with ARRL policies established by the Board of Directors and shall act in the best interests of Amateur Radio. The Section Manager is a liaison with the Division Director and recruits, appoints, and supervises section-level staff to administer the Field Organization's principal areas of responsibility in the section. These areas are emergency communications, message traffic relay, technical activity/problem solving, volunteer monitoring, government relations, public relations in the



Just before New Years day both Ricky W4NRT and Joe KE4SJD tested and passed their general class exams. Welcome radio beyond 10-meters!



Think of POTA as field day every day but you can spot on their website. New to POTA! We can help you get an account set up and even assist on your first hunting session or park activation.

POTA

ARRL

general community, information services for amateurs, and cooperation with affiliated clubs.

The Section Emergency Coordinator (SEC) (Jim Snyder AJ4NO) is the assistant to the Section Manager. The SEC is the most important role in the section. The job responsibilities include advising the SM on all section emergency policy and planning, including the development of a section emergency communications plan. They also recommend candidates for Emergency Coordinator and District Emergency Coordinator appointments. They promote ARES membership drives, meetings, activities, tests, procedures, etc., at the section level.

## District Level

Large Sections are broken down into Districts. Not all Sections have Districts. The boundaries of a District may depend on a variety of things, including repeaters or government functions. A District Emergency Coordinator (DEC) (Like Bill Green KF4TY for district 8) is assigned. Job responsibilities include:

- Promote and enhance the activities of ARES for the benefit of the public as a voluntary, non-commercial communications service
- Manage and coordinate the training, organization, and emergency participation of interested amateurs working in support of the communities, agencies, or functions designated by the Section Emergency Coordinator/Section Manager
- Establish viable working relationships with federal, state, county, city governmental and private agencies in the ARES jurisdictional area which need the services of ARES in emergencies



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## ADDITIONAL UPCOMING EVENTS

# Reminder!



Be sure to check out our new page on the web site for all the upcoming events! It is updated for 2024.

UPCOMING

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## Radio Equipment Loaner Program



- Determine what agencies are active in your area, evaluate their needs and which ones you are capable of meeting, and then prioritize these agencies and needs. Discuss planning with your Section Emergency Coordinator and with counterparts in each of the agencies. Ensure they are all aware of your ARES group's capabilities and, perhaps more importantly, your limitations

- Develop detailed local operational plans with served agencies and partners in the jurisdiction, setting forth precisely what each of your expectations are during a disaster operation. Work jointly to establish protocols for mutual trust and respect

- All matters involving recruitment and utilization of ARES volunteers are directed by the EC in response to the needs assessed by the agency officials. Technical issues involving message format, security of message transmission, Disaster Welfare Inquiry policies, and others should be reviewed and expounded upon in detailed local operations plans

- Establish local communications networks that run on a regular basis and periodically test those networks by conducting realistic drills▪ Establish an emergency traffic plan, with Welfare traffic, utilizing the National Traffic System as one active component for traffic handling. Establish an operational liaison with local and section nets, particularly for handling Welfare traffic in an emergency situation

Through the generosity of some of our club members we have established a loaner program for radio equipment. We are in the process of completing a radio station in a box with everything you need for HF operation. This includes the radio (TenTec or a Kenwood TS820) the antenna and coaxial cable. This loaner program is only available to club members. Let Jamie N4XJS if you would like to participate in this new program.

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## DIPOLE ANTENNAS



The dipole is the oldest antenna—Herr Professor [Heinrich Hertz](#) used a dipole in his 1888 experiments that confirmed Maxwell’s predictions of electromagnetic waves. The dipole (the word means “two voltage polarities”) is not unique to electrical phenomena. A guitar string vibrating at its fundamental frequency acts almost the same in radiating away acoustic energy. Replace motion of the string back and forth with the dipole’s magnitude of current flow and you can see the analogy.

- In times of disaster, evaluate the communications needs of the jurisdiction and respond quickly to those needs. The EC will assume authority and responsibility for coordinating emergency response and performance by ARES personnel under his or her jurisdiction
- Work with other non-ARES amateur providers of Amateur Radio emergency communications to establish mutual respect and understanding as well as a coordination mechanism for the good of the public and Amateur Radio.

- Work to grow the ARES program, making it a stronger, more valuable resource that is able to meet more of the agencies’ local needs

- ECs are encouraged to complete the ARRL EC-001, Introduction to Emergency Communications training course

The EC can, at their discretion, appoint Assistant Emergency Coordinators (AEC) to cover the areas they need.

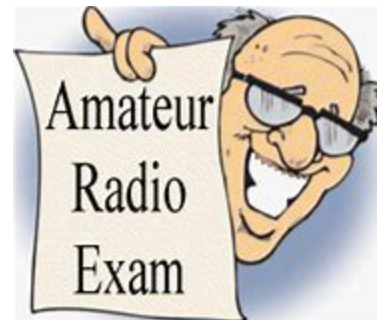
**BSFARC ARES**

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Dipoles are also fundamental to radio! The very early dipoles were referred to as “Hertzian” antennas which were understood to be  $\frac{1}{2}$  wavelength long. At the very low frequencies and long wavelengths of early wireless, extending beyond 200 meters (1.5 MHz) into what we now refer to as Medium Frequency (300 kHz-3 MHz) and Low Frequency (30 kHz-300 kHz), putting up a full-size dipole was pretty much out of the question for hams. But then we were given the “worthless” wavelengths below 200 meters and suddenly, a full-size dipole was not so out of the question. (Read *200 Meter and Down* by Clinton B. De Soto for the enchanting history of those days.) Along with the transition from spark to CW and the availability of vacuum tubes, the dipole was key (ahem) to making ham radio successful.

Read full article at:

**DIPOLE**



## Local and In-Person Exams

The VE (Volunteer Examiner) team has made the transition to electronic submission for testing documents. While we still only do in-person testing the applicant can choose to take a paper exam or complete their test using a computer. Forms are emailed to the applicant, ARRL and to the FCC for faster processing. The ARRL testing fee is still \$15 for adults and under the age of 18 it is only \$5. The \$35 license fee is paid directly to the FCC and with the ARRL youth program they will reimburse the youths that fee! We will work with you to schedule an exam in your area at a convenient time. No more waiting or long drives or trying to take an on-line test with multiple cameras.

**LICENSE EXAM**

## Extra Class Test Pool

The Amateur Extra class pool of questions will be changing on July 1, 2024 so start studying!!

ARRL VEC Manager Maria Somma, AB1FM, and member of the NCVEC QPC, said, “The new pool incorporates significant changes compared to the 2020-2024 version. We carefully went over the pool for technical accuracy, relevancy to today’s amateur radio practices, syntax, grammar, style, format, and clarity and redundancy within and between the pools. With these goals in mind, 82 new questions were created, and 101 questions were eliminated, resulting in a reduction of the number of questions from 622 to 603. Over

## January 27-28, 2024

Saturday 2:00pm EST (1900UTC) to Sunday  
5:59pm EST (1859UTC)

**Objective:** To set up an amateur radio field station and successfully make multiple contacts. Successful participants are those who can set up their equipment and correctly log the designated exchange during the operational period explained below. All participants are encouraged to complete as many objectives as possible and submit a log of stations worked.

**Class:** your class is a number designated by the number of transceivers at your location that are capable of transmitting simultaneously. 1,2,3,4, etc. This means you have the people needed to operate the number of transmitters you choose. Don't count a transceiver if it has to be left unattended in order to make contacts on another.

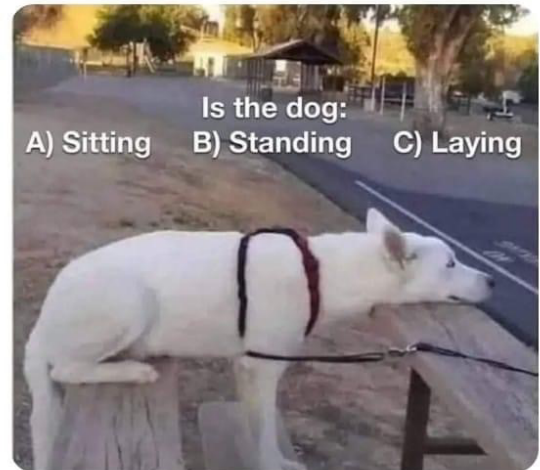
**Categories:** A WFD operation, regardless of the number of stations operating under one call sign, must be in the same physical location. All station equipment, including antennas, feed lines, and accessories used, must be located within a circular area whose diameter does not exceed 1,000 feet (300m).

You must choose which category you are going to operate in. If operating as a group under one call sign, all stations in your entry must fit the category you choose.

The categories are:

350 questions were modified. We considered a question modified when the knowledge being tested was not changed, but wording was improved, or answers or distractors were replaced."

Ham operators: The extra class exam isn't that hard.  
The extra class exam:



## Museum Ship Weekend

## June 1st and 2nd, 2024

## UPDATE

We have a couple of volunteers on-board already and can use some more still. Looking for radio operators and for help logging the contacts. We have been approved to operate from



H = Home station: is defined as any station participating from their permanent livable residence or within 500ft of their Home regardless of operating inside or outside.

I = Indoor station: is defined as any station operating away from Home but from inside an insulated, weather-protected building or structure on a permanent foundation. Indoor stations typically have plumbing, heating/cooling, and running water. Church, EOCs, a club shack, a cabin, and community centers are all examples of an Indoor station.

O = Outdoor station: Outdoor stations operate from a partly or fully exposed building or shelter that does not typically have plumbing, heating/cooling, or running water available. Operating from a picnic table, park pavilion, tents, or under pop-up canopies are all places that could be considered Outdoor. These are locations where you may have to provide your own heat source and/or protection from the elements.

M = Mobile / Mobile Stationary: These stations are defined as operations from a mobile or potentially mobile structure like an RV, car, van, sailboat, cargo trailer, mobile EOC, ETC. These are operating positions that may offer some sort of built-in heating/cooling. Mobile Stations do not have to be mobile during the event. They are defined as having the ability to be mobile should it be necessary to move during the event. RVs and Cargo trailers with external antennas set up are still considered Mobile.

the actual museum and hope to surpass the 1,200 contacts we made last year. Let us know if you can join us.

Thanks again!

Kelly KI4JAV and Bill KF4TY

MSW Co-Coordinators

**MUSEUM SHIP**

Previous copies of 'The Modulator' are now on our web site. You can also subscribe to the newsletter there too.

**MODULATOR**

## 10-Meter Contest UPDATE!



The 2023 10-Meter Contest was held the 2nd weekend of December, and the band was open with solar cycle 25 in full swing. As a club we had 172 contacts (after duplicates were removed) with 77 multipliers (states/DX entities) for approximately 33,276 points (unofficially). Last year we had 13,860 points and our best year was in 2004 when we hit 36,354 points. Wonder if we will beat that this year after they tally up

**Exchange & Additional Information:** The designated Winter Field Day exchange is your call sign, your Class and Category, and your location identifier. US and Canadian stations will use the ARRL / RAC Section as designated by those organizations. Mexico stations will use MX, and all other stations outside of the US will use DX. The goal is to copy and record the full exchange accurately. Because we use the Exchange as a cross reference when looking at the logs, your Class, Category, and Identifiers must remain the same throughout the whole event. If your location changes sections during the event, such as a long-haul trucker, your section is the first section you made a contact from. Note: Signal reports and other additional information are not a required part of the exchange; however, it is encouraged to practice exchanging additional information, which may include- signal reports, temperature, weather conditions, antenna configurations, etc. In an emergency, you may be asked to relay anything from a list of supplies to GPS coordinates. Collecting and correctly copying down this information is an important skill that should be practiced during Winter Field Day.

**WFD 2023**

## Hamfests and Conventions

**HAM FEST**

03/09/2024 - [MTARS](#)  
[Tullahoma Hamfest](#)

our scores and apply the correct adders. Already looking forward to next year's contest!



## Calendar of Events for 2024

2/9/2024	HamCation Orlando FL
2/10/2024	HamCation Orlando FL
2/11/2024	HamCation Orlando FL
2/15/2024	BSFARC Training/Meet & Greet
3/8/2024	International YL Day
3/9/2024	MTARS Tullahoma Hamfest
3/14/2024	BSFARC Meeting
3/16/2024	Sevier County 2024 Hamfest
3/16/2024	West TN Hamfest Trenton
4/11/2024	BSFARC Training/Meet & Greet
4/20/2024	Greenville TN Hamfest
4/20/2024	POTA Support Your Parks Weekend
4/21/2024	POTA Support Your Parks Weekend
4/27/2024	BSF Spring Planting Festival
4/27/2024	1st Annual Short Mountain Repeater Club Hamfest
5/9/2024	BSFARC Meeting
5/17/2024	Hamvention Dayton OH
5/18/2024	Hamvention Dayton OH
5/18/2024	TN Mountain Laure Festival
5/19/2024	Hamvention Dayton OH
6/1/2024	KY QSO Party
6/1/2024	Museum Ship Weekend SES
6/2/2024	Museum Ship Weekend SES
6/13/2024	BSFARC Training/Meet & Greet
6/15/2024	Knoxville Hamfest/ARRL convention
6/27/2024	ARRL Field Day
7/1/2024	New Amateur Question Pool
7/11/2024	BSFARC Meeting

03/16/2024 - [Sevier County  
2024 Hamfest](#)

03/16/2024 - [West TN  
Hamfest and Swapmeet](#)

04/20/2024 - Greenville  
Hamfest

04/27/2024 - [1st Annual  
Short Mountain Repeater  
Club Hamfest](#)

06/15/2024 - [Knoxville  
Hamfest and Electronics  
Convention, ARRL Delta  
Division Convention](#)

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7/20/2024	POTA Support Your Parks Weekend
7/21/2024	POTA Support Your Parks Weekend
7/26/2024	TN POTA Weekend
7/27/2024	TN POTA Weekend
7/28/2024	TN POTA Weekend
8/8/2024	BSFARC Training/Meet & Greet
8/18/2024	Huntsville AL Hamfest
8/19/2024	Huntsville AL Hamfest
9/1/2024	Tennessee QSO Party
9/12/2024	BSFARC Meeting
9/21/2024	BSF Storytelling Festival
10/10/2024	BSFARC Training/Meet & Greet
10/18/2024	Ghost-Mine Festival BSFNRRRA
10/19/2024	POTA Support Your Parks Weekend
10/20/2024	POTA Support Your Parks Weekend
10/25/2024	NB 100 Race
10/26/2024	NB 100 Race
11/14/2024	BSFARC Meeting
12/7/2024	Skywarn Recognition Day
12/12/2024	BSFARC Training/Meet & Greet
12/14/2024	ARRL 10-Meter Contest
12/15/2024	ARRL 10-Meter Contest

## Contest Corner

### February

13-17 School Club Roundup

18-19 Interntional DX - CW

### March

4-5 International DX - Phone

### April

16 Rookie Roundup - Phone

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# VOLUNTEERS

## ON THE AIR 2023

ARRL will be re-calculating the points during the month of January as some operators joined after the program started. You do not have to submit or match logs to receive points. Points are awarded by the ARRL member/volunteer who uploads their logs.

KF4TY is 73rd in TN with 9,888 points

W4BSF is 200th in TN with 3,131 points

KI4JAV is 164th in TN with 4,313 points

KI4NG is 591st in TN with 313 points

Let us know if we missed you and your information and we will be sure to track it.

Stay positive, ignore the negative. Don't listen to those who insist that "Ham Radio is dying". Or better yet, send them here <http://www.arrl.org/fcc-license-counts> where they'll find that the number of licensees is at an all-time high, Tennessee has 19,763 operators.

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# Big Sout Fork NRRA Spring Planting Festival April 27, 2024



Come and join Jamie N4XJS and Kelly KI4JAV as they will be setup as a demonstration booth for this year's spring planting festival. They will be activating W4BSF as a POTA station and you have the opportunity to join in on the fun and get on the air. We will be promoting amateur radio, our club of course and emergency communications (ARES). Kelly will also be recruiting YLs for her NET too.

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## Fox Hunting Workshop

April 11, 2024

Last fall we built our small tape measure antennas for fox hunting and now we will have the chance to learn how to use them. Come and join us as we have a workshop on fox hunting (hidden transmitter). This will be conducted outside in the Roane State parking lot weather permitting. Bring a cold beverage and a comfy chair to catch some of the action. We will have a antenna and radio to try if you don't have your own.

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## Special Event Stations

Contact these stations and help commemorate an historical occasion or other special event. Many special event stations provide a special QSL card or certificate.

**Certificates and QSL cards:** To obtain a certificate from any of the special-event stations offering them, send your QSO information along with a 9x12 inch self-addressed, stamped envelope to address listed in the announcement. To receive a special event QSL card (when offered), be sure to include a self-addressed, stamped business envelope along with your QSL card and QSO information.

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## February 2024

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02/02/2024 | 101st  
Snowflake Ski Jumping  
Tourney

Feb 2-Feb 4, 1800Z-2100Z, K9S, Westby, WI.  
Vernon County ARC. 3.865 7.265 14.265.

02/17/2024 | Ice Station  
W0JH - Frozen Minnesota  
Lake Portable

Feb 17-Feb 19, 1600Z-2300Z, W0JH, Stillwater,  
MN. Stillwater (MN) Amateur Radio

Certificate. Email [snowflakejump@yahoo.com](mailto:snowflakejump@yahoo.com), to receive, e-certificate.

[snowflakejump@yahoo.com](mailto:snowflakejump@yahoo.com)

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02/08/2024 | 61st

## Anniversary of the YL System

Feb 8-Feb 11, 1323Z-1323Z, K4ICA, Veneta, OR. YLISSB. 14.240-14.340 7.230-7.260. QSL. John Ellis, W5PDW, 2623 Huffsmith Conroe Rd., Magnolia, TX 77354. [www.ylsystem.org](http://www.ylsystem.org)

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02/10/2024 | 75th

## Anniversary of Merci Train Boxcar

Feb 10-Feb 29, 0000Z-0000Z, NV7AL, Las Vegas, NV. American Legion Paradise Post 149 and 40&8 Voiture 306. 7.074 7.250 14.074 14.250. QSL. Robert Bencsko, 2548 Fort Lauderdale Dr, Las Vegas, NV 89156. This special event station is set up to raise awareness of the 75th Anniversary of 40&8 "MERCY Train Boxcar" Please check out the QRZ page. The 24th and 25th may be operating on location of the Nevada boxcar in Boulder City, NV Watch for us on DX Summit QSL with SASE to AD7J

<https://www.qrz.com/db/NV7AL>

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02/10/2024 |

## Commemorating the End of

Association (SARA). 21.360 14.260 7.260 3.860. Certificate. Available by, email only, W0JHice@outlook.com, MN 55082. W0JH will operate portable from a frozen lake in Washington County, Minnesota (Grid Square EN34). In a meager attempt to drive away the remainder of Minnesota winter, the Stillwater Amateur Radio Association will be generating as much RF as possible over the President's Day long weekend. (Please help us!!) Certificates will ONLY be sent via email in PDF format. (Send requests with standard QSL confirmation info to: W0JHice@outlook.com). There is no need to send a QSL card. Info: W0JH at [www.QRZ.com](http://www.QRZ.com) & [www.Radioham.org](http://www.Radioham.org)

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## 02/18/2024 | Engineer's Week at Collins Aerospace

Feb 18-Feb 24, 1700Z-1900Z, W0CXX, Cedar Rapids, IA. Collins Amateur Radio Club. 7.180 MHz 14.263 MHz 21.380 MHz 28.380 MHz. QSL. Engineer's Week at Collins Aerospace SES, 1110 Lyndhurst Dr, Hiawatha, IA 52233. Note: The times are during lunch break however there may be times outside of what is specified that club members may operate during these days especially Sunday (18th) and Saturday (24th).

<https://www.qrz.com/db/W0CXX>

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## 02/18/2024 | GEORGE WASHINGTON'S BIRTHDAY

Feb 18-Feb 19, 1500Z-2000Z, K4US, Alexandria, VA. Mount Vernon Amateur Radio Club (MVARC). 7.042 7.242 14.042 14.242.

## Operation Desert Storm (27FEB91)

Feb 10, 1700Z-2359Z, NI6IW, San Diego, CA.  
USS Midway Museum Ship. 7.250 14.320;  
14.070 PSK31; DSTAR on PAPA System  
repeaters. QSL. USS Midway Museum  
COMEDTRA, 910 N Harbor Drive, San Diego,  
CA 92101. [www.qrz.com/db/ni6iw](http://www.qrz.com/db/ni6iw)

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## 02/10/2024 | Green Valley Amateur Radio Club Churches On The Air

Feb 10, 1700Z-2100Z, WE7GV, Green Valley,  
AZ. Green Valley Amateur Radio Club. 14.242  
14.262 14.282. Certificate & QSL. Tom Lang,  
1085 W. El Toro Rd, Sahuarita, AZ 85629. This  
Special Event includes three local churches on  
the air at the same time from the Green Valley  
area on the published frequencies + or -.  
[www.gvarc.us](http://www.gvarc.us)

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## 02/10/2024 | Lee Jackson Celebration

Feb 10, 1730Z-2200Z, N4SCV, Gainesville, FL.  
Sons of Confederate Veterans Camp 1424.  
7.214 MHz 14.314 MHz. QSL. Ron Lewis,  
KN4ZUJ, 14714 NW 144th Street, Alachua, FL  
32615. We look forward to talking with you.  
See you on the air on February 10th! VY 73,  
Madison Starke Perry Camp 1424 Sons of  
Confederate Veterans [www.gatorscv.com](http://www.gatorscv.com)

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QSL. MVARC, P.O. Box 7234, Alexandria, VA  
22307. [mvarc.org](http://mvarc.org)

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## 02/19/2024 | Dry Tortugas & The Florida Keys 2024

Feb 19-Feb 29, 0000Z-0000Z, N4T, Mount Joy,  
PA. Molly & Friends. 14.336; SSB, CW,  
FT8/FT4, and satellites. QSL. Molly Sauder,  
1509 Pinkerton Rd, Mount Joy, PA 17552.  
Here's your chance for a rare grid as well as  
ARLHS, IOTA, POTA, USI and WLOTA. We plan  
to be on air using SSB, CW, FT8/FT4 and  
satellites. Spot via POTA & DX Summit.  
[mollyandfriends6@gmail.com](mailto:mollyandfriends6@gmail.com)

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## 02/21/2024 | GEORGE WASHINGTON'S BIRTHDAY

Feb 21-Feb 24, 0001Z-2359Z, WS7G, Monitor,  
WA. COLUMBIA BASIN DX CLUB.  
14.322/14.255 7.222/7.260. Certificate & QSL.  
BRIAN NIELSON, 11650 Road 1 SE, Monitor,  
WA 98836.  
<https://cbn.homestead.com/ws7g.html>

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## 02/24/2024 | 20th Annual Freeze Your Keys winter operating event

Feb 24, 1400Z-2200Z, W0EBB, Leavenworth,  
KS. Kickapoo QRP ARC. 7.035 CW 7.240 SSB  
14.058 CW 14.325 SSB. QSL. Gary Auchard -  
W0MNA, 34058 167th Street, Leavenworth, KS  
66048. Please include SASE for a QSL card.



## 02/11/2024 | 10 Year Countdown to the 100th Anniversary of the Discovery of Pluto

Feb 11-Feb 19, 0000Z-2359Z, W7P and W7P/0,  
Flagstaff, AZ. Northern Arizona DX  
Association. 7.290 14.090 14.290 21.290.  
Certificate & QSL. W7P c/o NADXA, 6315  
Townsend Winona Rd., Flagstaff, AZ 86004.  
[www.nadxa.com](http://www.nadxa.com)

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## 02/17/2024 | 40th Anniversary for Mid State Amateur Radio Club

Feb 17-Feb 24, 0000Z-2100Z, W9MID, Franklin,  
IN. Mid State Amateur Radio Club. 14.265  
7.227. QSL. Chris Frederick, 255 Hillendale Dr,  
Greenwood, IN 46142.  
<https://midstatehams.org>

w0mna74@gmail.com or  
[www.qrz.com/db/W0EBB](http://www.qrz.com/db/W0EBB)

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## 02/26/2024 | 100 Years of Organized Amateur Radio on Sydney's Northern Beaches

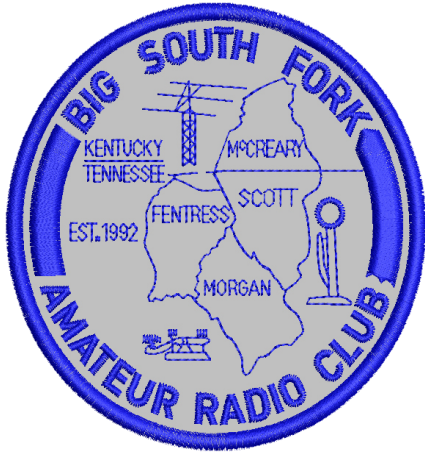
Feb 26-Feb 25, 2100Z-0700Z, VI100MB,  
Allambie Heights NSW, AUSTRALIA. Manly-  
Warringah Radio Society (VK2MB). All bands,  
all modes. QSL. See website, for, information,  
AUSTRALIA. February 26, 2023 through  
February 25, 2024. The Manly-Warringah Radio  
Society, VK2MB will be celebrating 100 years  
of organized Amateur Radio on Sydney's  
Northern Beaches in VK2. The original Manly  
and District Radio Club started on February 26  
1923. [www.qrz.com/db/vi100mb](http://www.qrz.com/db/vi100mb) or  
<https://www.mwrs.org.au>

**ARRL LINK**

To learn more about and to search even more  
special event stations click the adjacent link:

We have a exam license page to our web site  
focusing on new hams. More pages are being  
developed and content will be added in the  
coming months. Come and visit us!

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<https://BSFARC.ORG>

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