

Volume 31 Number 3 - March 2023

#### 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.

The grace period for membership renewal has passed. If you did not receive the club's meeting minutes, it's an indication that you are no longer a current member. Check the website for information on how to renew as dues are still only \$10.00 per year. The password will be changed shortly, and current members will receive an email with the new password.

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

Each month there are various contests and other on the air events for you. In April there will be 11 state/provinces with another 20 in May holding their QSO parties so get ready for and exciting spring and early summer.



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



Are you a YL (Young Lady) looking for your very own net? Look no further we have one for you!

YL NET



VOTA (Volunteer On The Air) is a year-long event that everyone can participate in.

**VOTA INFO** 

LEADERBOARD

# UPCOMING EVENTS AND INFORMATION

ARES



#### **CLUB MEETING**

May 11, 2023

For April we are holding a workshop on building and using a tape measure antenna for fox hunting so there will NOT be a regular club meeting. Our next club meeting will be held on May 11th - 2023 at 7:00pm Eastern at Roane State Community College. This will be a business meeting plus a meet & greet.

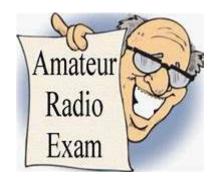
#### <u>Big South Fork NRRA</u> <u>Spring Planting Festival</u>

April 29, 2023



We are headed back to the Bandy Creek visitors center to help demonstrate amateur radio to the festival goers. We need your help too! Jamie N4XJS is taking lead on this one!

SPRING PLANTING



#### **Local and In-Person Exams**

The VE (Volunteer Examiner) team has been busy preparing for the new general exam and training new exam proctors. 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!

LICENSE EXAM

#### **SKYWARN TRAINNG**

Update





With the weather improving it is now time to get out an activate a local state or national park once again. New to POTA? We can help you get an account set up and even assist on your first activation.

POTA

### ADDITIONAL UPCOMING EVENTS



Be sure to check out our new page on the web site for all the upcoming events!

UPCOMING EVENTS

We had about 25 people participate in the class last month including 12 ham radio operators. The attendees learned how to identify various types of clouds associated with severe weather. You can take a virtual class online if you were not able to attend.

SKYWARN



#### **MUSEUM SHIP WEEKEND**

June 4-6, 2023

Come and join us as we activate from the USS Tennessee Battleship Museum as a special event station. We need volunteers for various positions: setup, radio operators, logging of contacts, hospitality and for processing QSL cards. Rumor has it that we may have some pulled pork on Sunday!! Let Kelly KI4JAV or Bill KF4TY know if you can help. Volunteers will be provided with a password to a the planning page. You do not need to be a club member to volunteer. We need you!! Need a password please let us know!

See the link below where the list of special event stations is growing! Overall, we are up to 61 ships/stations participating so far!

MUSEUM SHIP WEEKEND

#### Pool Released for Ham Radio Licensing Effective July 1, 2023

The new pool incorporates some significant changes compared to the 2019 - 2023 version. Its 432 questions were modified slightly to improve wording and to replace distractors; 51 new questions were generated, and 73 questions were eliminated. This resulted in a reduction of 22 questions, bringing the total number of questions in the pool down from 454. The level of difficulty of questions is more balanced, and the techniques and practices addressed have been updated.

**GENERAL QUESTION** 

POOL



Fox Antenna Workshop April 13, 2023

Join us in April at Roane State Community
College in Huntsville as we have a workshop



#### No Business 100 October 20-21, 2023

We have not started planning (yet!!) but wanted everyone to get this important event on the calendar. This is where we put our radio skills into action by providing health/welfare updates in addition to the status of the event. The race is starts at Pickett State Park and progresses through the Big South Fork Park up into Kentucky before finishing back at Pickett.

(EXTERNAL LINK TO NO

**BUSINESS 100 RACE)** 

#### Greenville TN Ham Fest

April 15, 2023



where you can build your own FOX hunting antenna. See the link below so you can get your materials together prior to the workshop. You can either use 1/2" or 3/4" PVC as either is acceptable. The 1/2" is lighter in weight but not quite as rigid.

**FOX ANTENNA** 

WORKSHOP

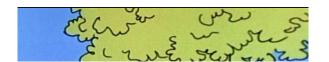


#### STEM Class Update

The final session is underway as we have now completed 3 different rotations of students through the 9-week course. Overall, we have introduced ham radio to almost 75 students and made some great contacts as well. During eeks 8 and 9 the students under the club call sign and with a control operator make contacts on 20 and 40 meters. It's always exciting to see the reactions when they throw out the club's call sign and someone comes back to them.

At the current time it does not appear that the program will be continued next year as there are curriculum changes which affect our program. We are working with our sponsor and the school's principal to determine how we can stay involved.

#### New to Amateur Radio?





HAM FEST

#### **Dayton Ohio Ham Fest**

May 19-21, 2023

This is the big one and is only a couple hour drive from our area! Friday and Saturday the expo center is open from 9AM to 5PM. Their Sunday hours are from 9AM to 1PM.

Greene County Fair and Expo Center 210 Fairground Road Xenia, OH 45385

HAM FEST

### Knoxville Half Marathon April 2, 2023

The 2023 Covenant Health Knoxville Half Marathon is scheduled for 7:30 am on Sunday, April 2, 2023. There are 18 water points, and they need volunteers with radios at each of the water points. There are also three (3) relay points. Each aid station should have at least two (2) people at it. If you have volunteered before and have a favorite water point, when you volunteer this year, let Lloyd know what water point you would like. If you have done other jobs let him know what that was as well.

Please respond to: pitney9429@aol.com or



We heard you and have collected some resources to help you along the way. Our Elmers (ham terminology for mentor) are ready to answer any questions you may and work with you to get your license.

**NEW HAM** 

### Radio Equipment Loaner Program



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 complete radio station in a box with everything you need for HF operation. This includes the radio (TenTec or a Kenwood TS820) the antenna and coaxal cable. This loaner program is only available to club members. Let Jamie N4XJS if you would like to participate in this new program.

If you have a question, you can call Lloyd Pitney 865 740 0128

### Gravel Rally April 28-29, 2023



The Lake Cumberland County Amateur Radio Association (LCARA) is once again assisting with the Gravel Rally event in McCreary County Kentucky. They have reached out to Austin Cates K5QF (k5qf@pm.me) for some additional volunteers to help with communications. Let Austin know if you assist.

### Cherohala Challenge® June 3, 2023



Don't miss your opportunity to support the bicyclist who ride the famed Dragon Slayer, the Cherohala Skyway and surrounding region. The 115-mile route is a route that cannot normally be done without the support of an organized ride.

#### MUUIILAIII MAII MEIIIUI IAL

#### March - April 22, 2023

This 5K event has the start/finish line at Pi Beta Phi Elementary School in Gatlinburg. The event has a new sponsor and a new course for 2023. They have requested help in providing health and welfare communications from the amateur radio community. Let Cliff Seger Segar (KF4GT.TN@gmail.com) if you can help out.



#### Mountain Laurel Festival

May 20, 2023

Come out and support us as we will have a public awareness booth at the festival which is held on the town square in Wartburg TN. We will also be activating a HF radio station and welcome guest operators (Unlicensed and any level of license) as we will have operators available to get you on the air.

MTN LAUREL FESTIVAL

They will supply SAG support, well-stocked aid-stations, private restrooms while amateur radio operators provide health/welfare reports from the aid-stations (*cell phones do not work on most of the course*). Let Mike Wagner District 8 ADEC (KK6OKU@yahoo.com) know if you can help out by providing communications for an aid station.

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

MODULATOR NEWSLETTER ARCHIVES

#### **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.

#### 03/31/2023 | 165th Annual Tater Day Festival - Yam It Up!

Mar 31-Apr 3, 0000Z-2359Z, KI4HUS, Benton, KY. Marshall County Amateur Radio Association. 3.820 7.250 14.325 28.350. QSL. Steve French, KM4JZJ, 3640 Olive Hamlett Rd., Benton, KY 42025. For a QSL card, send your card along with an SASE to Steve French - KM4JZJ

www.facebook.com/groups/861322314291904

#### 04/02/2023 | The Popcorn Net 3rd Anniversary

Apr 2-Apr 3, 1200Z-1400Z, W4P, Ellijay, GA. Popcorn Net. 7.271 7.272. Certificate & QSL. Popcorn Net, 216 Mount Pleasant Dr., Ellijay, GA 30540. wt2t@popcornnet.net

#### 04/04/2023 | WE7GV Vintage Radio Special Event

Apr 4, 1700Z-2200Z, WE7GV, Sahuarita, AZ. Green Valley Amateur Radio Club. 14.242 14.245 14.248. Certificate & QSL. Tom Lang, 1085 W. El Toro Rd, Sahuarita, AZ 85629. WE7GV will be using the 1963 Discone antenna at the Titan Missile Museum along with vintage Hallicrafter, Heathkit, and Kenwood radios. we7gv1@gmail.com

#### 04/08/2023 | Battle Of New Bern Adventure Day Special

#### 04/17/2023 | World Amateur Radio Day 2023

Apr 17-Apr 18, 1700Z-2300Z, W2W,
Rochester, NY. Roc-Ham Radio Network.
EchoLink ROCH-HAM
CONFERENCE/531091 EchoLink FREESTAR CONFRENCE EchoLink - WALES
CONFERENCE 20m 14.313. Certificate &
QSL. John Derycke, W2JLD, 85 Amherst St.
Apt. 2, Rochester, NY 14607. Join us for the
8th annual World Amateur Radio Day 2023.
For more information, check out the website
www.roc-ham.net

#### 04/22/2023 | Earth Day Celebration

Apr 22-Apr 23, 1500Z-2000Z, W8PRC, Cleveland, OH. Parma Radio Club. 7.195 mHz 14.245 mHz 145.410 2m repeater pl 110.9. QSL. Parma Radio Club, 7811 Dogwood Lane, Cleveland, OH 44130. The PRC's 9th Earth Day Celebration, operating on power from Ol' Sol. W8PRC will be operating from Stearns Farm (FB: Stearns Homestead historical farm) www.parmaradioclub.com

### 04/22/2023 | Venice Shark's Tooth Festival

Apr 22-Apr 23, 1400Z-1900Z, K4S, Venice, FL. Tamiami ARC. 14.320 Mhz SSB 18.085 MHz CW 80-10 m FT8. QSL. Tamiami ARC, PO Box 976, Nokomis, FL 34275. Back on the air again after a three-year COVID hiatus. Venice Florida is considered the Shark's tooth capital of the world. Send a SASE with your OSL card and we'll reply with our card and a

#### **Event**

Apr 8, 1500Z-2000Z, N4B, New Bern, NC. New Bern Amateur Radio Club. 14.328 7.116. QSL. John Riley, 980 Dry Monia Rd., New Bern, NC 28562.

#### 04/08/2023 |

# Commemorating Operation Frequent Wind; evacuation of Saigon in 1975

Apr 8, 1600Z-2300Z, NI6IW, San Diego, CA. USS Midway Museum Ship. 14.320 7.250 14.070 PSK31 DSTAR on Papa system repeaters. QSL. USS Midway Museum Ship COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. www.qrz.com/db/ni6iw

#### 04/11/2023 | Kamikaze Attack Remembrance

Apr 11, 1500Z-2030Z, W5KID, Baton Rouge, LA. Baton Rouge Amateur Radio Club. 7.040 7.250 14.040 14.250. QSL. USS Kidd Amateur Radio Club, 305 S. River Rd., Baton Rouge, LA 70802. CW, SSB, FT8 Operation aboard the USS Kidd (DD-661), a World War II Fletcher-class destroyer.

www.grz.com/db/w5kid

### 04/14/2023 | Whiskey 4 Moonshine

Apr 14-Apr 29, 0000Z-2359Z, W4M, Boones Mill, VA. AA4SS. 7 Mhz 14 Mhz 15 Mhz. QSL. Timothy Boyd, 2201 Green Level Rd, Boones Mill, VA 24065. W4M ("Whiskey 4 MOONSHINF") will operate from April 14

genuine, prehistoric shark's tooth fossil for you. tamiamiarc.org

#### 04/28/2023 | National Library Week

Apr 28-Apr 30, 1700Z-1700Z, K8L, Youngstown, OH. WF8U, KC3GFU. 14.074 7.074 14.240 7.240. QSL. K8L, 239 Elvira Ct., Mc Donald, OH 44437. Join us in celebrating National Library Week. K8L will be on air Friday, Apr 28th (1700 UTC) - Sunday, Apr 30th (1700 UTC). We will be operating both SSB & FT8 modes. QSL available upon request. Please send your QSL/request to K8L, 239 Elvira Ct., McDonald, OH 44437. \*Please include postage stamp & return address label. More information available on www.qrz.com/db/WF8U

#### 04/29/2023 | 30th

#### Anniversary

Apr 29, 1400Z-2300Z, N5BVA, Springdale, AR. Bella Vista Radio Club. 7.190 14.260. QSL. Don Banta, 3407 Diana St., Springdale, AR 72764. See QRZ.com for QSL info. bellavistaradioclub.org

### 04/29/2023 | Anniversary of the Birth of Radio Astronomy

Apr 29-Apr 30, 1400Z-2359Z, W9GFZ, Virginia and New Mexico. National Radio Astronomy Observatory. 3.800-4.000; 7.175-7.300; 14.225-14.350; 21.275-21.450; 28.300-29.700. Certificate & QSL. Kevin Shoemaker, 1180 Boxwood Estate Rd., Charlottesville, VA

through April 29 2023 on ALL HF bands (depending upon volunteers preferences and equipment) using phone, digital, cw and Satellite modes. Operations will take place in Franklin and surrounding counties with one remote operation planned in conjunction with a local Moonshine Heritage Car Show at Ferrum College and a few POTA activations. QSL info on QRZ.com

CITOTHIAL / WILL OPOLICE HOLLIT APIN II

https://whiskey4moonshine.wordpress.com

# 04/15/2023 | 100th Anniversary of the Garland, Texas power company, Garland Power and Light

Apr 15, 1400Z-2200Z, K5G, Garland, TX. Garland Amateur Radio Club. 14.260. Certificate. Garland Amateur Radio Club, 1027B Austin St., Garland, TX 75040. PDF certificates will be emailed to all after the event. info@k5qhd.org

#### 04/15/2023 | 40th Anniversary of the Voyage of the Abegweit

Apr 15-Apr 17, 1400Z-0200Z, K9CYC, Chicago, IL. Columbia Yacht Club Amateur Radio Society. 14.238 29.000. Certificate & QSL. K9CYC Columbia Yacht Club Amateur Radio Society, 111 N. Lake Shore Dr., Chicago, IL 60601. <a href="https://www.qrz.com/db/K9CYC">www.qrz.com/db/K9CYC</a>

### 04/15/2023 | Beaver Valley ARA 100th Anniversary

### 04/29/2023 | Hams for PanCAN

Apr 29, 1400Z-1900Z, N4P, Altamonte Springs, FL. Lake Monroe Amateur Radio Society. 40 20 15 10 meters. Certificate & QSL. Lake Monroe ARS, 7747 Danu Dr., Orlando, FL 32822. SASE please. From Cranes Roost Park. Multiple N#P Stations across the country will be located in each of the ten ARRL sections -All stations will be on SSB. This nationwide Special Event's aim is raising awareness of pancreatic cancer research and support by the PanCAN (Pancreatic Cancer Network) during its national Purple Stride event. Each station will highlight any ham operator, or friends and family members who are diagnosed with pancreatic cancer located in that Section. Also, we'll provide access to how PanCAN helps patients with support and funding of research projects. Event Bonus stations will be located at Purple Stride locations and will offer special QSL cards. Each N#P station web page on the ARRL Special Event tab will provide QSL submission information. A Clean Sweep Certificate will be awarded for contacting all section stations. QSL card requests need SASE. For a Clean Sweep certificate, include \$1 please.

rybar1949@gmail.com <a href="https://www.lmars.org">https://www.lmars.org</a>

#### 04/29/2023 | MERT20 Special Event

Apr 29, 1200Z-2359Z, KG4NXO, Ocala, FL. Marion County Emergency Management. 14.262 7.262 146.790 REF 37 D-STAR 3.862. Certificate & QSL. Emergency Operations Apr 15-Apr 22, 1300Z-2100Z, W3S, Beaver Falls, PA. Beaver Valley Amateur Radio Association. 7.270 14.270 28.470 145.310 (-600kHz PL 131.8). Certificate & QSL. BVARA, PO Box 424, South Heights, PA 15081. QSL direct with SASE, stations making contact on two or more bands or modes may request a PDF certificate that will be e-mailed. www.w3sqj.org

04/15/2023 | Texas State
Parks on the Air to
Commemorate Tom King,
WK5DX, the Texas Event's
Founder

Apr 15-Apr 16, 1400Z-0200Z, K5LRK, The Colony, TX. Lake Area Amateur Radio Klub. 7.040 7.215 14.040 14.265. QSL. Ken Rainey, AC5EZ, 529 Kenilworth Ave, Oak Point, TX 75068. CW-Bottom of band +40kHz; Phone-General Segment +40kHZ and 28.350; VHF 50.200 & 144.200 MHz. 4/15 14:00 to 4/16 02:00 and:4/16 14:00 to 4/16 20:00.

https://www.tspota.org/home

Center /MERT, 698 NW 30th Avenue, Ocala, FL 34775. MERT is celebrating 20 years of amateur radio support to Marion County EM. For more information, go to <a href="https://www.mert20.org">www.mert20.org</a>

### 06/03/2023 | Museum Ships Weekend - USS Tennessee

Jun 3-Jun 4, 0000Z-0359Z, W4BSF, Oneida, TN. Big South Fork Amateur Radio Club. 14.315. QSL. USS Tennessee QSL Coordinator, PO Box 5029, Oneida, TN 37841. Big South Fork Amateur Radio Club and The USS Tennessee Battleship Museum will be operating on both 20 and 40 meters with other bands to be determined based on availability of volunteers and equipment. QSL: BSFARC W4BSF, PO Box 5029, Oneida, TN 37841 requires SASE before July 31st. More information at <a href="https://bsfarc.org/museum-ship-weekend">https://bsfarc.org/museum-ship-weekend</a>

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

ARRL LINK SPECIAL

**EVENT STATIONS** 

### Museum Ship Weekend Special Event Stations

06/03/2023 | Museum Ship Weekend

Jun 3-Jun 4, 1500Z-2030Z, W5KID, Baton Rouge, LA. Baton Rouge Amateur Radio Club. 7.040 7.250 14.040 14.250. QSL. USS Kidd Amateur Radio Club, 305 S. River Rd., Baton Rouge, LA 70802. CW, SSB, FT8 Operation aboard the USS Kidd (DD-661), a World War II Fletcher-class destroyer. <a href="https://www.grz.com/db/w5kid">www.grz.com/db/w5kid</a>

#### 06/03/2023 | Museum Ships Weekend 2023 NAUTILUS

Jun 3-Jun 4, 0000Z-2359Z, N1S, Groton, CT. Generations ARC. 7.225 14.250; all bands, all modes. QSL. Via bureau to K3LBD, or direct to Generations ARC, 110 Vinegar Hill Road, Gales Ferry, CT 06335-1713. Nuclear Submarine USS NAUTILUS SSN 571. NAUTILUS info http://www.ussnautilus.org/. Event Info: www.qrz.com/db/k3lbd www.qrz.com/db/n1s

#### 06/03/2023 | Museum Ships Weekend

Jun 3-Jun 4, 0000Z-2359Z, NI6IW, San Diego, CA. USS Midway Museum Ship. 14.320 8.250 14.070 PSK31 DSTAR on Papa system repeaters. QSL. USS Midway Museum Ship COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. <a href="https://www.grz.com/db/ni6iw">www.grz.com/db/ni6iw</a>

#### 06/03/2023 | Museum Ships Weekend - USS Tennessee

Jun 3-Jun 4, 0000Z-0359Z, W4BSF, Oneida, TN. Big South Fork Amateur Radio Club. 14.315. QSL. USS Tennessee QSL Coordinator, PO Box 5029, Oneida, TN 37841. Big South Fork Amateur Radio Club and The USS Tennessee Battleship Museum will be operating on both 20 and 40 meters with other bands to be determined based on availability of volunteers and equipment. QSL: BSFARC W4BSF, PO Box 5029, Oneida, TN 37841 requires SASE before July 31st. More information at <a href="https://bsfarc.org/museum-ship-weekend">https://bsfarc.org/museum-ship-weekend</a>

#### 06/03/2023 | MUSEUM SHIPS WEEKEND EVENT 2023

Jun 3-Jun 4, 0001Z-2359Z, NJ2BB, Camden, NJ. Battleship New Jersey Amateur Radio Station. 7.272 14.262 7.044 14.044. QSL. Margaret Burgess, 150 Schooner Avenue, Barnegat, NJ 08005. nj2bb.org

#### 06/03/2023 | NB9QV USS Cobia Special Event

Jun 3-Jun 4, 1400Z-2100Z, NB9QV, Manitowoc, WI. USS Cobia Amateur Radio Club. 7.240 14.240. Certificate. kc9yl@arrl.net, kc9yl@arrl.net, n/a. We will be participating in the Museum Ships Weekend as NB9QV on June 3-4, 2023 from 1400z-2100z each day, on 7.240 and 14.240. We will

be operating aboard the WWII submarine, the USS Cobia SS-245, docked next to the Wisconsin Maritime Museum in Manitowoc, WI. Electronic QSL certificates are available upon request. Please contact kc9yl@arrl.net and provide your name, band, and time of contact. For more information, please check our QRZ page - https://www.qrz.com/db/NB9QV

We have a exam license page to our web site still 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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f

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