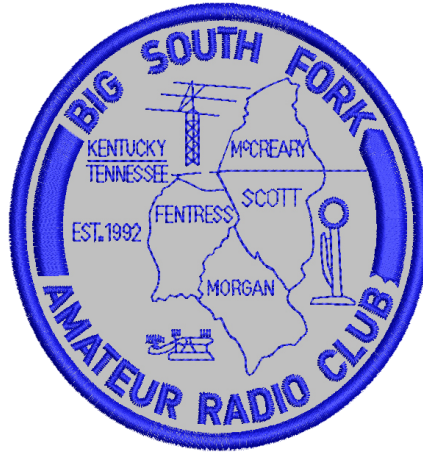

From: Big South Fork Amateur Radio Club
Sent: Friday, January 20, 2023 1:35 PM
To:
Subject: The Modulator January - 2023

[View this in your browser.](#)



Volume 31 Number 1 - January 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.

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!

YL NET

VOLUNTEERS
ON THE AIR 2023

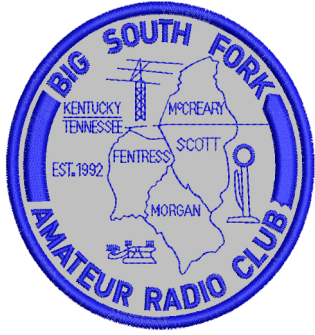
VOTA (Volunteer On The Air) is a year-long event that everyone can participate in.

VOTA

The ARRL has rolled out "NTS 2.0", a program to create the next generation of the National Traffic System (NTS). One of the first items to come from this work group was the recognition that in many state-wide emergency situations, local 2-meter nets are a highly valuable asset that needs to be better integrated with the NTS. In keeping with this, our incoming Section Traffic Manager Harrell Davidson (WD4LAR) is encouraging local VHF nets to consider writing and practicing traffic handling for possible disasters here in the Volunteer State. "For instance, if we had off-grid problems like they had recently in North Carolina who lost power for several days, what part could amateur radio play to help our fellow man? Would your local community be served by amateur radio communicators?" Harrell is asking that any traffic originated on a local net be brought to the daily Tennessee Phone Net sessions for integration into the traffic system, and that Net Control Operators for local VHF nets consider holding exercises to introduce check-ins to traffic handling.

Beginning January 7th, the Southern Territory SATERN SSB net will be called semi-monthly on the first and third Saturdays of each month. at 10:30 ET / 09:30 CT on 7.268 MHz. This frequency is also used by the Waterways Net 0745 ET until approximately 0845 ET and the Hurricane Watch Net when activated. Because SATERN partners with the Hurricane Watch Net use of this frequency will be useful in coordinating any post-landfall communication support for The Salvation Army's relief efforts.

EVENTS - UPCOMING AND UPDATES



CLUB MEETING

March 9, 2023

For February we are holding the Skywarn Spotter training so there will NOT be a regular club meeting. Our next club meeting will be held on March 9th - 2023 at 7:00pm Eastern at Roane State Community College. This will be a business meeting plus a meet & greet.

Big South Fork NRR Spring Planting Festival

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!

SPRING

January 21-22, 2023

On The Air

The North American QSO party for SSB is from 1800 UTC January 21 to 0559 UTC January 22, 2023 (it is always the third full weekend in January).

Also, this weekend (**January 21/22**), is POTA's Winter Support Your Parks Weekend. Both of these events will make for a very busy weekend!

SKYWARN TRAINING

February 28, 2023



Mark your calendars for February 28th and be sure to click the link below to register for the SKYWARN Weather Spotter training in Scott County.

SKYWARN

ADDITIONAL UPCOMING EVENTS

Reminder!



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

UPCOMING

New General Question 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.



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!!

MUSEUM SHIP



DARK SKY 50

POSTPONED

Seems they could not secure the required permits in time for the race this spring.

General



Fox Antenna Workshop

April 13, 2023

Join us in April at Roane State Community College in Huntsville as we have a workshop where you can build your own FOX hunting antenna. See the link below so you can get your materials together prior to the workshop.

FOX ANTENNA

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

MODULATOR

Hopefully next year they can get an earlier start.



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.



ARRL Club Grant Program

The second round of the Club Grant Program is complete, and the Grant Review Committee has finished their selections. This round produced eighty-five applications for a total of 1.1 million in requests. This far exceeded the available funding and unfortunately many

Cave City Ham Fest

March 4, 2023

This annual ham fest is in Kentucky near Mammoth Cave.

HAM FEST

MTARS TULLAHOMA HAMFEST

Saturday March 11, 2023

Join the members of MTARS as they host their annual ham fest. The event begins at 8am and runs through 2pm. Admission is only \$10.00.

First United Methodist Church
208 West Lauderdale St
Tullahoma, TN. 37388

good grant proposals will not be fulfilled. Our grant application was not funded.

Should the Club Grand Program continue into 2023 with additional rounds of applications we hope to reapply later this year.

ARRL Club Grant Others

The new Museum of Information Explosion in Huntsville, Alabama, did receive a grant of more than \$16,000 from the Amateur Radio Digital Communications foundation to fund the purchase and installation of a state-of-the-art amateur station to go along with its exhibits of classic ham gear.

According to the ARRL Letter, the goal is to juxtapose old and new technology "to illustrate the accelerating evolution of amateur radio." The station will also provide licensed hams with an opportunity to try out new digital modes without making major financial investment. The station will be staffed and maintained by members of local amateur radio clubs. The museum is expected to open this spring.

Seiver Ham Fest

March 18, 2023

It's another shop until your drop ham fest. This one is local as located at the Sevier County Fairgrounds.

HAM FEST

Rep. Bill Johnson Introduces Bill to Eliminate Private Land Use Restrictions on Amateur Radio

Congressman Bill Johnson (OH-6) introduced a bill in the U.S. House of Representatives ([H.R.9670](#)) on Thursday, December 22, 2022, to eliminate private land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator from operating and installing amateur station antennas on property subject to the control of the Amateur Radio Operator.

The exponential growth of communities subject to private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service. These restrictions are pervasive in private common interest residential communities such as single-family subdivisions, condominiums, cooperatives, gated communities, master-planned communities, planned unit developments, and communities governed by community associations. The restrictions have particularly impacted the ability of Amateur Radio to fulfill its statutorily mandated duty of serving as a voluntary noncommercial emergency communications service.

Congress in 1996 directed the Federal Communications Commission (FCC) to promulgate regulations (Public Law 104–104, title II, section 207, 110 Stat. 114; 47 U.S.C. 303 note) that have preempted all private land use restrictions applicable to exterior communications facilities that impair the ability of citizens to receive television broadcast signals, direct broadcast satellite services, or multichannel multipoint distribution services, or to transmit and receive wireless internet services. ARRL attempts to obtain similar relief for Amateur Radio were rejected by the FCC with a statement such relief would have to come from Congress.

ARRL Legislative Advocacy Committee Chairman John Robert Stratton, N5AUS, noted that Congress, in 1994 by Joint Resolution, S.J.Res.90/H.J.Res.199, declared that regulations at all levels of government should facilitate and encourage the effective operation of Amateur Radio from residences as a public benefit. He continued by stating that “H.R.9670, the *Amateur Radio Emergency Preparedness Act*, is intended to fulfill that mandate and preserve the ability of Amateur Radio Operators to continue to serve as a key component of American critical communications infrastructure.”

ARRL President Rick Roderick, K5UR, and Mr. Stratton both extended on behalf of the ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Rep. Johnson in his tireless efforts to support and protect the rights of all Amateur Radio Operators.

Rep. Lesko Introduces Bill to Replace Symbol Rate Limit with Bandwidth Limit

Congresswoman Debbie Lesko (AZ-08) introduced a bill in the U.S. House of Representatives (H.R. 9664) on December 21, 2022, to require that the Federal Communications Commission (FCC) replace the current HF digital symbol rate limit with a 2.8 kHz bandwidth limit.

After being petitioned by ARRL The National Association for Amateur Radio® in 2013 (RM-11708) for the same relief, in 2016 the Commission issued a Notice of Proposed Rulemaking (WT Docket No. 16-239) in which it agreed that the HF symbol rate limit was outmoded, served no purpose, and hampered experimentation. But the Commission questioned whether any bandwidth limit was needed in its place. Most amateurs, including the ARRL, objected to there being no signal bandwidth limit in the crowded HF bands given the possibility that unreasonably wide bandwidth digital protocols could be developed, and since 2016 there has been no further FCC action.

In conjunction with introducing the legislation, Congresswoman Lesko stated that "With advances in our modern technology, increased amounts of data can be put on the spectrum, so there is less of a need for a regulatory limit on symbol rates. I am pleased to introduce this important piece of legislation to update the FCC's rules to support the critical role amateur radio operators play and better reflect the capabilities of our modern radio technology."

ARRL President Rick Roderick, K5UR, hailed introduction of the bill. Roderick stated that "the FCC's delay in removing this outdated restriction has been incomprehensible, given that the biggest effect of the delay is to require totally inefficient spectrum use on the already-crowded amateur HF bands. I hope that the Commission will act to remove this harmful limitation without waiting for the bill to be passed."

ARRL Legislative Committee Chairman John Robert Stratton, N5AUS, added that "the symbol rate limit hampers experimentation and development of more efficient HF data protocols by U.S. amateurs. For all practical purposes the field has been ceded to amateurs outside the U.S., where there is no comparable limit. Removing the restriction not only will allow U.S. amateurs to use the most efficient data protocol suitable for their purpose, but it also will promote and incentivize U.S. amateurs to experiment with and develop even more efficient protocols."

Elizabeth St. Vincent K4KTG, SK

It is with great sadness we announce the passing of Elizabeth St. Vincent, K4KTG.

She was active in all aspects of emergency communication: a Net Control operator with the Williamson County ARES, MARS, and MTEARS; a Volunteer Examiner; a member of the TEMA COMU support team; an ICS system and Auxcomm educator.

Elizabeth was diagnosed with cancer in late 2021. She is survived by her husband and sons, a beloved granddaughter, and a large extended family. Below is the announcement posted by Elizabeth's husband, KC6ZUS Michael St. Vincent, earlier this morning on her CaringBridge page:

<https://www.caringbridge.org/visit/elizabethstvincent/journal>

Elizabeth passed overnight into the embrace of our Lord. She is now enjoying the full presence of God.

A public memorial will be announced in the future, likely in the Spring.

For those who may consider a gift to honor her life, here are two suggestions which echo her light and life:

1 - Honoring Elizabeth's family through a donation to support the significant lifelong care needs for her cousin, Ethan Kadish. You may find more about Ethan's story and donate at [Fund in honor of Ethan S Kadish \(helphopelive.org\)](#).

2- Honoring Elizabeth's community engagement through a donation to support an amazing orphanage using a family-style care model with no government support. You may find out more about the organization's work at [Tennessee Baptist Children's Homes \(tennesseechildren.org\)](#). Elizabeth's family appreciates the prayers and postings about her. Stories are how we remember, honor, and create legacy. May we each live so encouraged to have many stories to share, extending the grace, kindness, and strength we have seen in her. Be a blessing to those around you.

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.

02/01/2023 | 74th Anniversary of Merci Train Boxcar

Feb 1-Feb 28, 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 - AD7J, 2548 Fort Lauderdale Drive, Las Vegas, NV 89156. This special event station is set up to raise awareness of the 40&8 "MERCY Train Boxcar" 74th Anniversary Watch for us on DX Summit QSL with SASE to AD7J
<https://www.qrz.com/db/NV7AL>

02/01/2023 | JY1 Memorial Special Event

Feb 1-Feb 28, 0000Z-2359Z, N9SES, Lake Station, IN. ArabQrz.com. 14.025 14.076 14.250 21.025. QSL. Ayman Azar N9SES, 2861 Decatur St, Lake Station, IN 46405. Pse Email Comments Or Questions To N9SES Ayman Azar admin@n9ses.com
<https://www.arabqrz.com/jy>

02/03/2023 | The Day the Music Died

Feb 3-Feb 5, 1800Z-2100Z, W0WND, Clear Lake, IA. North Iowa Amateur Radio Club. 10.136. Certificate. Donald Johnson, 665 W. 6th St, Garner, IA 50438.
<https://thedaythemusicdied.w0wnd.net>

02/14/2023 | GVARC Ladies Valentine Special Event

Feb 14, 1700Z-2200Z, WE7GV, Sahuarita, AZ. Green Valley Amateur Radio Club. 14.242. Certificate & QSL. Tom Lang, 1085 W. El Toro Rd, Sahuarita, AZ 85629. This event will be held at the Titan Missile Museum Discone antenna. we7gv1@gmail.com

02/17/2023 | HL Hunley Commemoration and Special Event

Feb 17-Feb 19, 1400Z-1900Z, N4HLH, Sullivans Island, SC. Trident Amateur Radio Club. 7.262 14.262. QSL. QSL Manager, N4HLH, P.O. Box 60732, North Charleston, SC 29419. Check website for specific day and times/frequencies.
<https://www.tridenthams.org/hl-hunley>

02/18/2023 | Ice Station W0JH - Frozen Minnesota Lake Portable

Feb 18-Feb 20, 1600Z-2300Z, W0JH, Stillwater, MN. Stillwater (MN) Amateur Radio Association - SARA. 21.360 14.260 7.260 3.860. Certificate. Shel Mann, 1618 Pine St W, Stillwater, 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

02/06/2023 | Super Bowl 57 Special Event

Feb 6-Feb 14, 0001Z-0001Z, W7ASC, Phoenix, AZ. CARL - Center for Amateur Radio Learning. 7.265 14.265 21.465 146.52. Certificate & QSL. W7ASC c/o: Thomas Boza NE7X, 13609 N. 49th Place, Scottsdale, AZ 85254-3505. eQSL via QRZ & LoTW Direct US Mail with SASE for Certificate or QSL. CARL is located in the Arizona Science Center, downtown Phoenix AZ. <https://www.qrz.com/db/w7asc>

02/09/2023 | 60th Anniversary of the YLISSB

Feb 9-Feb 12, 1323Z-1323Z, K4ICA, Venetta, OR. YL International Single Sideband System. 14.332 14.240-14.340 7.230-7.260. QSL. John Ellis, W5PDW, 26231 Hufsmith Conroe Rd., Magnolia, TX 77354. ylsystem.org

02/10/2023 | Smoky Mountain Amateur Radio Club 75th Anniversary Celebration

Feb 10-Feb 14, 2100Z-0200Z, W4OLB, Maryville, TN. S.M.A.R.C. Smoky Mountain Amateur Radio Club . 14.250MHz SSB 7.220MHz SSB 14.030MHz CW 7.030MHz CW. QSL. S.M.A.R.C c/o Paul Galentine, 103 Hatcher Ln. , Maryville, TN 37803. The Smoky Mountain Amateur Radio Club will be hosting a special event stations to celebrate 75 years here in East Tennessee. W4OLB.ORG

RF as possible over the President's Day long weekend. (Please help us!!) Certificates will ONLY be sent via e-mail in PDF format. (Send requests with standard QSL confirmation info to: IceStation2023@outlook.com). There is no need to send a QSL card. Info: W0JH at www.QRZ.com & www.Radioham.org www.radioham.org

02/18/2023 | Thinking Day On The Air

Feb 18-Feb 19, 0000Z-2359Z, N4P, Lancaster, SC. YCARS. 14.305 7.235 147.030 18.135. QSL. Vicki Carnes, 1093 Outlaw Avenue, Lancaster, SC 29720. Thinking Day on the Air. We'll be set up at a local park: Andrew Jackson State Park, Lancaster County, SC. ycars.org

02/19/2023 | Worldwide Antarctic Program

Feb 19-Feb 26, 0000Z-0000Z, K4C, McDonough, GA. Worldwide Antarctic Program. 14.270 MHz 21.270 MHz 28.470 MHz 7.170 MHz. QSL. Robert Hines, K4MZU, 1978 Snapping Shoals Rd, McDonough, GA 30252. Annual celebration for over 50+ years of US amateur radio activity in Antarctica. www.qrz.com/db/k4c

02/20/2023 | George Washington's Birthday

02/11/2023 | 1st Ever Olivia Digital Mode Weekend QSO Party, Valentine's Day

Feb 11-Feb 13, 1400Z-0200Z, NW7US, Anytown. Olivia Digital DXers Club. 14.071 7.071. Certificate. Tomas Hood, PO Box 110, Fayetteville, OH 45118. This is the FIRST ever weekend QSO party for Olivia.

OliviaDigitalMode.org

02/11/2023 | 2023 National Inventors' Day

Feb 11, 1400Z-2000Z, N2I, Edison, NJ. New Jersey Emergency Communications Team. 7.275 14.315. Certificate. Via Email -, Link will be on the N2I , QRZ Page. QSL Certificate via email; request link will be posted on the N2I qrz.com information page. We will operate from the Edison Center Museum in Edison, NJ.....this is the exact location where Thomas Edison and his team invented the Incandescent Light Bulb, Phonograph, and the Carbon Microphone for Bell's Telephone system. This location is also a Parks On The Air designated park - all QSOs will receive Parks On The Air contact credit. nject.us

02/11/2023 | Commemorating first US Navy carrier air strike in WW2

Feb 20-Feb 22, 1800Z-2359Z, WS7G, Moses Lake, WA. Columbia Basin DX Club. 14.322/14.255 7.222/7.260 3.855/3.960. Certificate & QSL. Brian Nielson, 11650 Road 1 SE, Moses Lake, WA 98837.

<https://cbn.homestead.com/ws7g.html>

02/22/2023 | Snowbird Field Day

Feb 22, 1500Z-2100Z, W7ASL, Mesa, AZ. Sunlife Amateur Radio Club. 14.230, CW, FT8, JS8Call; 7.200, CW, FT8, JS8Call; DMR Talkgroup 31041. QSL. Tom Goforth, 4324 East Dragoon Circle, Mesa, AZ 85206.

<https://sunlifearc.org>

02/25/2023 | 19th annual "Freeze Your Keys" winter operating event

Feb 25, 1400Z-2200Z, W0EBB, Leavenworth, KS. Kickapoo QRP Amateur Radio Club. 7.035 CW 7.240 SSB 14.058 CW 14.325 SSB. QSL. Gary Auchard, 34058 167th Street, Leavenworth, KS 66048.

w0mna74@gmail.com

2/25/2023 | Cascade Radio Club 75th Anniversary of ARRL affiliation.

Feb 25-Feb 26, 1600Z-0400Z, W7EK, Bothell, WA. Cascade Radio Club. 3.925 7.250 14.250 21.250. QSL. Cascade Radio Club, 5505 189th

Feb 11, 1700Z-2359Z, 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

St. SE, Bothell, WA 98012.
www.cascaderadioclub.org

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

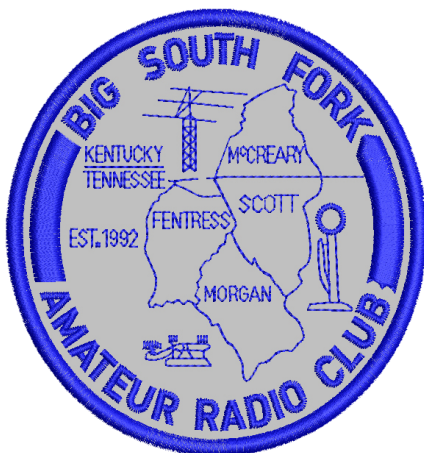
ARRL LINK

02/14/2023 | 2023 Daytona 500 Speedweeks

Feb 14-Feb 19, 0001Z-2359Z, N4DAB, Daytona
Beach, FL. Daytona Beach CERT ART. 14.074
14.055. Certificate & QSL. Steve Szabo, 536
Central Park Blvd, Ponce Inlet, FL 32127. See
webpage for QSL details. www.n4dab.com

Our web site suffered a catastrophic failure in
late November 2022 and has since been re-
built. Thank you for your patience and support
as this has been a large undertaking to get it
operational. More pages are being developed
and content will be added in the coming
months.

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