

THE BANDSPREAD

NARC Officers:

President:

Ed Nutter N1NUT

Vice President:

Ted Pennington KM4JDM

Secretary:

Paul Stinson KJ4WQN

Treasurer:

Larry Franklin / KC4ZOA

Board Members:

Adam Deland W8IFG

Cale Mooth K4HCK

Lee Alder KK4SXX

Terry Floyd K4EQX

Club Chaplain:

April 7, 2018 Breakfast at Ryan's in Rivergate. 8am.

April 7, 2018 The MS Walk at Nissan Stadium in downtown Nashville. The event coordinator is Ted Pennington, KM4JDM. Contact him at km4jdm@gmail.com

More information about the event can be found at the MS website at <http://main.nationalmssociety.org/site/TR/Walk/TNSWalkEvents?pg=entry&fr id=29663>

April 19, 2018 Our regular monthly meeting at Lock Two Park 7pm.

April 21, 2018 Tailgate at Lock Two Park. Official time is 8am but you're welcome to come early and set up. Anyone looking to buy, sell, trade, or just looking welcome.

President's Corner

Happy Spring to everyone! I for one am glad the winter is over and the warmer weather is here. I hope everyone is getting over the colds and flu that so many people had. Now we just have to deal with allergies.

This is also the time of year that our events start happening. The MS Walk is April 7th. If you haven't signed up please think about it. This is an easy one for beginners because you only need a handheld radio and the course is short. If not this one then maybe you'll try another one throughout the year.

Also we're in need of a new club Chaplain. If anyone is interested please let one of the officers know.

Remember we all have to work together to make our club grow. TEAMWORK.

If you ever have any problems or concerns please feel free to contact me at 615-480-6402 or at n1nut48@gmail.com

Ed Nutter N1NUT

*86 Years of
Community
Service*

Weekly Net 147.015 FM Monday 7:30PM

Net Information

ARES net is on Monday at 7pm. It is on 442.750 T 100 with a backup of 146.67

M-TEARS is on Monday at 8pm. It is on 443.725

The Nashville Davidson Co. Traffic net is on Sunday at 9pm. on 146.67

There is a Bible net on Monday thru Friday at 6am on 147.015

Monthly Breakfast at Ryan's Steak House, Gallatin Road Rivergate
1st Saturday of each month 8AM

2018 Dues are Due

For those who have not already paid your 2018 NARC dues remember they have to paid by the end of March. The dues are \$20 (twenty dollars).

License Testing Nashville, Tennessee

- **June 9, 2018** - Contact: Jack Cox, KA4OTB – 615.776.5865
- Registration begins at 08:30 AM
Testing begins at 09:00 AM
Walk-ins accepted
Pre-registration for special accommodation candidates only
Crieve Hall Church of Christ - Nashville School of Preaching Entrance
4806 Trousdale Drive
Nashville, TN 37220

QST Article " Live Trees Affect Antenna Performance" implications for #POTA #SOTA [21 March 2018 | by Wayne K4WK](#)

In February 2018's QST was a very interesting and scholarly article, the cover story actually, on the effects of live trees on the performance of both vertical and horizontal antennas. Things to ponder:

1. Living wood (trees, as opposed to dry dead wood such as boards) absorbs EMF from vertically polarized antennas.
2. Living wood resembles human tissue in terms of dielectric properties, so wearing your HT on your belt will greatly reduce your effective antenna power. Presumably, unless you're a real fathead like me, talking into HT held at your face should not be too bad.

3. A single vertical tree has next to no effect on horizontal antennas, such as dipoles.
4. A forest, containing lots of vertical trees, is even worse than a single tree like in your backyard, so for us backpackers and hikers, we need to find a clearing when trying to use our HT's in the woods.
5. Worse, a forest will affect both vertical and horizontal antennas so when we're operating in the field, for POTA or SOTA for example, we should look for a Goldilocks spot with enough trees to launch the, say, dipole, but not too many. Better in Winter after leaves fall, though.

This is Wayne, k4wk, <http://www.hamdom.com>. Thanks for listening; you're in the log.

[Wayne Robertson, K4WK](#), is a regular contributor to [AmateurRadio.com](#) and writes from Georgia, USA.

International Space Station Astronauts Calling “CQ Students”

03/16/2018

The deadline is April 30 for US schools, museums, science centers, and community youth organizations (working individually or together) to submit proposals to host an Amateur Radio on the International Space Station (**ARISS**) contact with an orbiting crew member on the International Space Station (ISS). Contacts would be scheduled between January 1 and June 30, 2019.

Each year, ARISS provides tens of thousands of students with opportunities to learn about space technologies and communications through Amateur Radio. The program provides learning opportunities by connecting students to astronauts aboard the ISS through a partnership between ARRL, AMSAT, and NASA, as well as other Amateur Radio organizations and worldwide space agencies. The program's goal is to inspire students to pursue interests and careers in science, technology, engineering, and mathematics (STEM) and Amateur Radio.

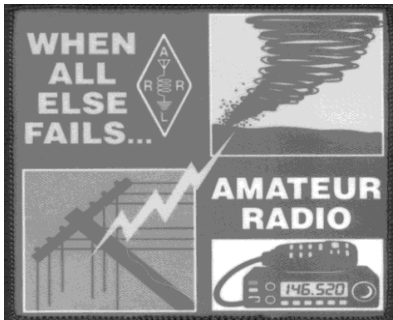
“Educators overwhelmingly report that student participation in the ARISS program stimulates interest in STEM subjects and in STEM careers,” ARISS said in announcing the contact opportunities. “As one educator wrote, ‘It exceeded our expectations — it created a great interest in both Amateur Radio and in space exploration. Our kids are completely inspired!’”

More than 90% of educators who have participated in the program have indicated that ARISS provided ideas for encouraging student exploration and participation. Some of them even become radio amateurs after experiencing a contact with an ISS crew member.

ARISS is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed, exciting education plan. Students can learn about satellite communications, wireless technology, science research conducted on the ISS, radio science, and any related STEM subject. Students learn to use Amateur Radio to talk directly to an astronaut and ask their STEM-related questions. ARISS will help educational organizations locate Amateur Radio groups who can assist with equipment for this once-in-a-lifetime opportunity for students.

Proposal webinars for guidance and getting questions answers will be offered on Thursday, March 29, at 7 PM EDT (0000 UTC on Friday, March 30) and on Monday, April 16, at 4 PM EDT (2100 UTC). **Advance registration** is required. **More details**, such as expectations, proposal guidelines, and the proposal form, are on the ARISS website. — *Thanks to ARISS via Dave Jordan, AA4KN*

The Nashville Amateur Radio Club, Inc.
P.O Box 290672
Nashville, TN
K4CPO.ORG
37229-0672



Don't Miss These Next Meetings!

Next Meeting:
Thursday
April 19, 2018
7:00 PM
Lock Two Park

Breakfast Meeting
April 7, 2018 8:00 am
Ryan's at Rivergate

May Meeting May 17, 2018
7:00pm
Lock Two Park