

MARCH 2019

HPARC NEWSLETTER

High Point
Amateur Radio
Club



MARCH MEETING

The March meeting will again be at the Moose Cafe at the Piedmont Farmers' Market. The HPARC voted to continue meeting at the Moose Cafe at the February meeting.

I am unaware of the program for the March meeting. Dan selected new chairmen for the various committees, but I don't have the minutes and I didn't write them down at the meeting. We will put those

committees in the next newsletter.

Meeting Location:
Moose Cafe
2914 Sandy Ridge Road
Colfax, NC

I haven't heard from anyone missing a newsletter (which wouldn't be surprising if you didn't get the newsletter), but some of you download

the newsletter from the web. Hopefully we have cleared up the problem with the few who were not receiving the newsletter by email.

I also am waiting to hear from those of you just anxious to take over as newsletter editor. I know you are out there (Hello?).

Can we count on you to be at the next meeting? Make plans and we will see you there.

RILEY HOLLINGSWORTH, K4ZDH, TO OVERSEE VOLUNTEER MONITORS DEVELOPMENT AND IMPLEMENTATION

Riley Hollingsworth, K4ZDH, will oversee the development and implementation phases of ARRL's new Volunteer Monitors (VM) program, which will replace the Official Observers (OO) program. Hollingsworth, who once handled Amateur Radio enforcement for the FCC, has stepped down as ARRL Atlantic Division Vice Director to avoid any appearance of a conflict of interest. The development phase of the program is already under way.

"I am grateful for the Atlantic Division ARRL members supporting me, but I think I can better serve the

Atlantic Division and all ARRL divisions by working in the Volunteer Monitors program," Hollingsworth said in his resignation letter. A new Atlantic Division Vice Director will be appointed.

ARRL President Rick Roderick, K5UR, said that Hollingsworth was the ideal person to lead ARRL's efforts in the development and implementation of this joint program with the FCC.

"I support Riley's decision to concentrate his efforts on this very valuable project on behalf of the ARRL," Roderick said.

Approved by the ARRL Board of Directors last July,

the Volunteer Monitors will work in cooperation with the FCC. Volunteers trained and vetted by ARRL will monitor the Amateur bands for possible instances of misconduct or to recognize exemplary on-air operation. Cases of flagrant violations or noncompliance

Story continued inside...

HPARC Meeting
March 4, 2019

Moose Cafe,
2914 Sandy Ridge Road,
Colfax, NC

Meal at 6:30 p.m.
Business meeting at 7:00 p.m.

HPARC HISTORY – STOCK CERTIFICATES

I guess I wasn't clear in my last article about the HPARC owning property since I was asked about it at the club meeting. Although it appeared the members considered purchasing property to move the clubhouse after the sale of land in 1974, it does not appear in the minutes that the club ever did so. So, no, the HPARC does not own land.

I mentioned stock certificates in the last history article. At one time all HPARC members were issued a stock certificate as a condition of membership in the HPARC. But this was not proper or legal. Why? Before 1958, two or three people could form a non-profit corporation by issuing stock certificates. For instance, if three people wanted to start a non-profit

golf course, they would split stock certificates among themselves based on how much each one invested in the venture.

A look at the HPARC's incorporation papers shows that the HPARC was incorporated in 1959 – one year after the law was changed. The attorneys who drafted the incorporation papers apparently were not aware of this change in North Carolina law. In fact the attorney handling affairs in 1974 still was not aware of this fact. This would only come to light in 1988 when the HPARC investigated the possibility of having a Hamfest and was concerned about the handling of funds received from the Hamfest.

At that time, our attorney, Jo Citrin, determined the stock certificates were not techni-

cally legal and began the process of eliminating them. We sent notices to everyone we knew to have stock certificates informing them the HPARC would be voting to make all stock certificates null and void. This was done to protect the club as a corporation.

Someone must have questioned this many years ago as the HPARC received a letter from NC State stating that the State of NC considered the HPARC as a non-profit. It would not be until 2016 that the HPARC would become a 501(c)3 non-profit corporation. And yes, this means you can make a donation to the HPARC and claim it as a deduction on your income taxes (at least until they change the tax laws).

EARTH'S MAGNETIC NORTH POLE SHIFTS

National Centers for Environmental Information (NCEI) scientists have updated the world magnetic model (WMM) 1 year early (normally done once every 5 years), as Earth's northern magnetic pole has begun shifting quickly away from the Canadian Arctic and toward Siberia. While the new WMM more accurately represents the change of the magnetic field since 2015, it has no impact on propagation.

"This out-of-cycle update before next year's official release of WMM 2020 will ensure safe navigation for mili-

tary applications, commercial airlines, search and rescue operations, and others operating around the North Pole," said NCEI. "Organizations such as NASA, the FAA, US Forest Service, and many more use this technology. The military uses the WMM for undersea and aircraft navigation, parachute deployment, and more." Smartphone and consumer electronics companies also rely on the WMM to provide consumers with accurate compass apps, maps, and GPS services.

Airport runways may be the most visible example of a navi-

gation aid updated to match shifts in Earth's magnetic field. Airports around the country use the data to give runways numerical names, which pilots refer to on the ground. The declination has changed slightly more than 2.5° over the past 2 decades or so. Compasses use declination — the difference between true north and where a compass points — to help correct navigation systems for a wide variety of uses.

—*The ARRL Letter*,
February 7, 2019
Rick Lindquist, WW1ME,
Editor

The HPARC Newsletter is published monthly by the High Point Amateur Radio Club (HPARC) for its members. The HPARC Newsletter serves as a source of information about Club activities, and general news items of interest to Amateur Radio. Opinions expressed herein are not necessarily those of the HPARC or its officers. Material in this newsletter may be reproduced provided the HPARC is properly credited.

Complimentary issues of the HPARC Newsletter are available by writing to the HPARC Newsletter at PO Box 4941, High Point, NC 27263 or emailing your request to w4ua@arrl.net. Subscriptions are available to non-members for \$12.00 a year. Contributions and letters/emails to the editor are welcome.

Membership is open in the HPARC to all licensed Amateur Radio operators. Membership is \$24.00 a year. Associate membership is also available to those who are interested in Amateur Radio but who do not currently hold a license. Associate membership is \$12.00 a year. Student membership is also available for \$12.00 a year.

The High Point Amateur Radio Club meets the first Monday of each month (except for holidays) at 6:30 p.m. at a local restaurant announced in the newsletter. The business meeting starts around 7:00 p.m. followed by a short program of interest. Family and visitors are welcome to attend. For more information, please call or email one of the HPARC officers listed in this newsletter.

...*Story continued from cover*

will be directed to the FCC for action, in accordance with FCC guidelines. The program, which aims to re-energize Amateur Radio enforcement efforts, was proposed by the FCC following the closure of several FCC regional offices and reductions in field staff.

Hollingsworth has identified three phases to the program — development, solicitation and training, and implementation. The development phase will include drafting a mission statement, clearly defining ARRL's and the FCC's requirements and needs as part of the program, drafting a Volunteer Manager job description, and

developing a training manual for volunteers.

The solicitation and training phase will involve identifying the geographical locations where volunteer monitors will be most needed, soliciting applications, and screening applicants. Current Official Observers will be invited to apply for appointment as Volunteer Monitors (VMs). The ARRL Board has expressed its appreciation to the OOs for their dedicated volunteer service over the years.

Implementation will involve having the volunteers provide field reports, and ARRL staff offering guidance to volunteers to ensure that the information

gathered meets FCC requirements. Continuing education will be provided to the volunteers as part of the program.

Hollingsworth has committed to ensure training adequacy for new VMs, to review the quality and utility of Volunteer Monitor submissions to the FCC for enforcement action, and to advocate for rapid disposition of cases appropriately submitted to the FCC.

ARRL officials estimate that it will take 9 - 12 months before the first Volunteer Monitors begin filing reports.

—*The ARRL Letter*,
February 14, 2019

Rick Lindquist, WW1ME,
Editor

US AMATEUR RADIO POPULATION GROWS SLIGHTLY IN 2018

The US Amateur Radio population once again grew by about 1%, based upon 2017 and 2018 year-end FCC database statistics provided by Joe Speroni, AH0A. The 755,430 total licensees represent nearly 7,300 more license holders than those that were in the database at the end of 2017. Nearly 51% of the Amateur Radio population in the US — 384,145 — hold a Technician license. Generals are second with 175,949, and Amateur Extras number 147,369. Advanced and Novice licensee populations continue to decline, with 39,607 Advanced and 8,360 Novices, as the FCC no longer issues Advanced or Novice licenses. A more significant statistic is 31,576 new FCC licenses last year, although that's 620 fewer than came aboard in 2017.

“New Amateur licenses granted by FCC are down 2% over last year,” noted ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM, “but this is the fifth year in a row the total has been greater than 31,000. I predict that the number of new licensees will be more than 30,000 at the end of this year as well, and I'm optimistic this trend will continue.”

Upgrades also are down slightly, compared to last year — 9,456 in 2018 versus 9,576 in 2017, she added. “For the fifth year in a row, we have conducted more than 7,000 Amateur Radio exam sessions in a year — an important milestone for the ARRL VEC,” Somma recounted. “Our program continues to provide outstanding service to the ARRL, its members,

and the entire Amateur Radio community.”

ARRL VEC filed a total 30,393 license application forms last year, compared to 31,014 in 2017. That includes new, upgrade, modification, renewal, and club station filings. At 7,035 in 2018, the number of exam sessions conducted by ARRL VEC marginally trailed the 7,075 held in 2017. ARRL VEC served 34,493 exam applicants in 2018, compared to 35,352 in 2017. Exam elements administered by ARRL decreased from 47,152 last year to 45,817 this year, Somma said. Nearly 1,800 new Volunteer Examiners (VEs) have been added to the ARRL VEC program.

—*The ARRL Letter*,
February 14, 2019

Rick Lindquist, WW1ME,
Editor



High Point Amateur Radio Club
PO Box 4941
High Point, NC 27263-4941

HPARC MARCH CALENDAR

- 4 — HPARC Club Meeting**
- 2-3 — ARRL International DX Contest,
phone
- 8-9 — Charlotte Hamfest
(Cabarrus Arena)
- 10 — Daylight Savings Time begins**
- 17 — St. Patrick's Day**
- 20 — First Day of Spring
- 24 — HPARC Newsletter Deadline
- 30 — W4VEC High Point session (Hickory
Chapel Wesleyan Church, Fellowship Bldg)

BIRTHDAYS

Art Johnson — March 27

For W4VEC Test information, call or email David Macchiarolo, AJ4TF, (336) 420-9424, aj4tf@arrl.net

2019 HPARC OFFICERS

Dan Bly, KB8TLF — President — 336-259-1203 — kb8tlf@gmail.com
 Matt Flyer, KM4WON — Vice-President — 336-491-3448 — matt@noway2.net
 David Macchiarolo, AJ4TF — Secretary — 336-869-2894 — aj4tf@arrl.net
 Warren Gallemore, KA4LOQ — Treasurer — 336-883-4944 — warreng960@mac.com
 Newsletter Editor — Mark McMahan — 336-887-3039 — kb4mfp@arrl.net
 HPARC — www.w4ua.org — w4ua@arrl.net — 147.165 (67 Hz Tone)

**Breakfast
 every Saturday**
 —
8:00 a.m.
 —
**Biscuitville,
 2709 S. Main St.**