

OCTOBER 2019

HPARC NEWSLETTER

High Point
Amateur Radio
Club



OCTOBER MEETING

We had a good number in attendance at the September meeting despite it not being our normal night. We met on the second Monday instead of the first Monday, but we still had a good crowd.

David Macchiarolo gave a presentation on Ham Radio logging and the Logbook of the World. W4UA is now listed on the Logbook of the World.

We had two new members added to our ranks at the September meeting. Thomas

Bertolino, KB1P and his wife, Marie joined the HPARC. Marie does not have a Ham license and joined as an Associate Member. Tom and Marie live in Oak Ridge. Tom is an Extra Class and has been quite active helping David Macchiarolo with the W4VEC exams. Welcome both to the HPARC.

A nominating committee has been selected by the Board to nominate officers for the coming year and will be announced

at the meeting. The nominating committee will meet this month and have their recommendations ready to be published by the November newsletter. Please consider helping if asked to be an officer.

Summer is hanging on tenaciously, but I believe Fall is going to win out. Your outside projects will have to be put on hold, so plan on attending a HPARC meeting (or two). Bring a friend. Hope to see you at the meeting.

ARRL AND IARU PRESIDENT LARRY PRICE, W4RA, SK

ARRL and International Amateur Radio Union (IARU) President Emeritus Larry E. Price, W4RA, of Statesboro, Georgia, died on September 10. An ARRL Life Member, he was 85. Price was licensed in 1951 at age 16 as WN5TIA, one of the first Novice licenses issued in the US. A US Army veteran, Price held BSEE, MBA, and doctoral degrees. He spent most of his career as a professor of finance and economics at Georgia Southern University.

Elected as ARRL Southeastern Division Vice Director in 1973, Price became Director later that year and was elected as an ARRL Vice President by the Board of

Directors in 1980. In 1983 he became First Vice President following the death of ARRL President Vic Clark, W4KFC, and was elected President by the Board the following year.

He served as ARRL President for 8 years, serving simultaneously as IARU Secretary from 1989 until 1992, and continuing as IARU Secretary and ARRL International Affairs Vice President until his election as IARU President in 1999, a post he held for 10 years. The IARU Administrative Council named him President Emeritus upon his retirement in 2009. The ARRL Board named him ARRL President Emeritus in 2011.

“His accomplishments as

President of ARRL and the IARU are too many to list, but neither organization would be what it is today without his vision, dedication, and hard work,” said former ARRL CEO David Sumner, K1ZZ, who now serves as IARU Secretary. “We all owe a great debt to Larry and his family for their many sacrifices on our behalf.”

“Larry Price” continued inside...

**HPARC Meeting
October 7, 2019**

**Rancho's,
10463 North Main St,
Archdale, NC**

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

160 YEARS SINCE THE CARRINGTON EVENT

September 1 marked the 160th anniversary of the Carrington Event, the strongest geomagnetic storm known to have hit Earth since at least the 14th century. The event was named for British astronomer Richard Carrington, who first viewed and sketched the huge sunspot complex on the sun from which a gigantic solar flare — a coronal mass ejection — erupted, as he watched. Within hours, Earth was virtually enveloped by an aurora borealis that was visible even at lower latitudes and into the tropics. It was a truly spectacular light show that in some places, turned night into day. When the flare interacted with Earth's magnetosphere, however, it was another story.

This was the Victorian age, when practical wireless was still a few decades off, but the "auroral phenomena," as it was called then, had "a remarkable manifestation of

magnetic influence" on telegraph wires — the internet of the day, as it were. So considerable was the effect that The New York Times reported telegraph operators were able to disconnect the batteries that normally operated the system and were "working by the atmospheric current entirely!" Although the operators subsequently were able to reconnect their batteries, the storm continued to affect the lines. A telegraph manager in Pittsburgh reported "streams of fire" emitted from the circuits. In Washington, DC, telegraph operator Frederick W. Royce was severely shocked as his forehead grazed a ground wire. A witness said an arc of fire jumped from Royce's head to the telegraphic equipment.

The Times account quoted an operator in Worcester, Massachusetts, who said, "During ten years' experience in telegraphing, I have frequently observed

the effect of the Aurora Borealis on the wires, but never before have I seen it so grand and appalling."

Operators said that at times the polarity of the battery power supply would become reversed. "One moment the batteries would begin to boil over, and we would have so strong a circuit that the armature would not come away from the magnet; the next moment, there would be no current at all," a report from Quebec recounted.

Based on examinations of ice samples, scientists believe that geomagnetic storms two and three times stronger occurred prior to the 14th century.

After the Carrington Event, scientists began paying a lot more attention to solar phenomena and sunspots.

—*The ARRL Letter*,

August 29, 2019

Rick Lindquist, WW1ME,
Editor

SIGN UP OR RENEW YOUR ARRL MEMBERSHIP THROUGH THE HPARC

If you haven't signed up for the ARRL membership or need to renew your membership, do so through the club. By doing so, the club gets to keep \$15 of new memberships and \$2 of renewals.

As an ARRL member, you will benefit from getting the

QST Magazine, online services such as QST online monthly digital edition and archive, product reviews, email forwarding, e-newsletters, availability to Ham Radio equipment insurance, outgoing foreign QSL service, as well as supporting the

ARRL which represents Ham Radio in Washington, plus many other services.

To start your ARRL membership or renew, make your checks out to the HPARC and see our treasurer. If you are renewing, bring your renewal form to get proper credit.

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.

...*"Larry Price" continued from cover*

IARU President Tim Ellam, VE6SH, recalled his many years of association with Price. "Amateur Radio...has lost a valued colleague today," Ellam said. "Larry Price was the dean of the IARU, and under his leadership the organization not only achieved great success

for the Amateur Radio services but the respect of those we work with in the International Telecommunication Union (ITU). His work and tenacity on a number of issues gave the IARU the admiration of many administrations and senior leadership at the ITU, which we continue to enjoy today."

In 2014, Dayton Hamvention honored Price as Amateur of the Year. At the ARRL Centennial Convention that same year, Price was awarded the ARRL Medal of Honor.

—*The ARRL Letter*,
September 12, 2019
Rick Lindquist, WW1ME,
Editor

HOT ON TRAIL OF STOLEN TRAILER

Usually, it's the Amateur Radio communications trailer that saves the day in its public service role, passing critical information during power failures, tumultuous weather and even during major outdoor events and Field Day. Recently, however, it was the public who helped save the day for one such trailer.

Members of the Chattanooga Amateur Radio Club in Tennessee told police their trailer had been stolen either the night

of July 4th or in the early hours of July 5th. It had been parked outside a club member's business in a securely fenced-in area. Club president Gary Ownsby AK4ZX told Newsline that local media, social media, other clubs and the public quickly put word out and a police report was made.

Gary said he was bowled over when the response came in from Hams across many states. WRCB-TV aired a story, asking viewers to help.

On July 7th, the trailer was found — one mile away — with its tires deflated. The Hams and the sharp-eyed community are now looking for its missing equipment: two HF radios, a D-STAR radio, two generators and other gear. Anyone who thinks they've seen any of it being sold is asked to telephone the club at 423-308-3477.

—*Amateur Radio Newsline*,
Report 2177,
July 19, 2019

DAYTON HAMVENTION SIGNS 5-YEAR CONTRACT WITH GREENE COUNTY EXPO CENTER

The Dayton Amateur Radio Association (DARA) has signed a 5-year agreement to keep Dayton Hamvention at the Greene County Expo Center. The agreement was announced on September 9 by Hamvention General Chairman Jack Gerbs, WB8SCT.

"It has been a wonderful experience working with the Expo Center team in the development of this agreement," Gerbs said. "With the 5-year agreement signed, the Expo Center and Hamvention can move forward

with additional enhancements to the facilities."

Dayton Amateur Radio Association President Ron Cramer, KD8ENJ, said the DARA Board, in approving the contract, noted that the relationship with the Expo Center and Greene County, the City of Xenia, and Xenia Township "has proven especially rewarding." Cramer said, "They all have worked hard to make Hamvention a success over the last 3 years. We look forward to a great relationship over the next 5 years and beyond."

Hamvention's 2019 attendance was 32,472 — the highest recorded since the move to the Exposition Center in Xenia in 2017, which was coordinated by Cramer, the Hamvention General Chairman in 2017 and 2018.

The largest Amateur Radio show in the US, Dayton Hamvention is held the third full weekend in May. The dates for 2020 are May 15 – 17.

—*The ARRL Letter*,
September 12, 2019
Rick Lindquist, WW1ME,
Editor

NEW/UPGRADED HAMS

At the High Point W4VEC Ham Exam Session, there was three individuals to pass their Technician license: Meredith Lockamy of Spartanburg,

SC; Christopher Oakman of Kernersville; and Leamon Ratterree of Monticello, FL.

Upgrading to General: Brian Stewart of Greensboro, NC.

Congratulations.

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



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



HPARC OCTOBER CALENDAR

5 — Rock Hill, SC Hamfest
7 — HPARC Club Meeting
 12 — W4NC Hamfest, Winston-Salem
 13 — Navy Day
 12 — W4VEC Testing, Greensboro
 13 — Maysville, NC Hamfest
 14 — **COLUMBUS DAY**
 16 — National Boss Day
 17-27 — NC State Fair
 19-23 — High Point Furniture Market
 19-20 — EME – 50 to 1296 MHz
 21-25 — School Club Roundup

26 — W4VEC High Point session (Hickory Chapel Wesleyan Church, Fellowship Bldg)
 26 — Lexington, NC BBQ Festival
 26-27 — CQ World-Wide Contest, Phone
 27 — HPARC Newsletter deadline
31 — HALLOWEEN

BIRTHDAYS

Lon Cecil — October 30
 Lacey Armistead — October 31

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.