

AUGUST 2020

# HPARC NEWSLETTER

High Point  
Amateur Radio  
Club



## AUGUST MEETING

We are going to cautiously try in-person meeting for the August meeting. J&S Cafeteria will allow us to use the meeting room guaranteeing social distancing. Bob Witt, House Chairman, has said he will arrive at the restaurant a little early to set up and provide a “strict” side and a “less strict” side depending on your preference for wearing the masks. For those of you who prefer not to attend in-person yet, David Macchiarolo is going to set up Zoom to broadcast the live meeting, and you will be able to participate in the meeting via Zoom. Hopefully we will have the best of both worlds.

The August meeting will be given by David Macchiarolo. He will present a program on Antenna Modeling.

David recapped our Field Day scores for the July meeting.

**HPARC Meeting  
J&S Cafeteria  
5835 Samet Drive, HP  
& on the Zoom app**

Reminder: at least for now, if you plan to mail dues to the club, please send them directly to Warren Gallemore, HPARC Treasurer at 1505 Trafalgar Court, High Point, 27262.

By now you should have

received an invitation from David Macchiarolo to attend the August meeting via Zoom. If you are planning to attend the meeting via Zoom and have not gotten an invitation, please contact David by email and let him know.

If you have been having problems connecting via Zoom for the club meetings, please call one of the officers listed in this newsletter to see if we can help you.

This is all new territory for all of us. I hope you bear with us as we try to do the best we can to accommodate our membership. I am looking forward to at least seeing some of you in-person at J&S Cafeteria. God bless.

## NEWER SOLAR CYCLE 25 FORECAST

Scientists associated with the National Center for Atmospheric Research, the University of Maryland, NASA Goddard Space Flight Center, and other institutions are offering a “bold prediction” on how Solar Cycle 25 will play out. They assert that the next sunspot cycle will be of major proportions. The forecast stands in stark contrast to the consensus of forecasters who predict that the magnitude of the nascent Cycle 25 may not be much different from the current unremarkable solar cycle, which appears to have reached its low point.

“[O]ur best estimate for the [sunspot number] amplitude of Solar Cycle 25 is 233 spots, with a 68% confidence that the amplitude will fall between 204 and 254 spots.” “We predict with 95% confidence that the Cycle 25 amplitude will fall between 153 and 305 spots.”

“Over the coming months, as [Solar Cycle] 25 matures, it will become evident which of these paradigms is most relevant.” “Very early indications of the spot pattern are appearing at higher-than-average latitudes (~40°). Historically, high-latitude spot

emergence has been associated with the development of large amplitude sunspot cycles — only time will tell.”

—*The ARRL Letter*,

July 9, 2020

Rick Lindquist, WW1ME, Ed.

**HPARC/Zoom Meeting  
August 3, 2020**

**J&S Cafeteria,  
5835 Samet Drive,  
High Point, NC**

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

# FIELD DAY 2020 RESULTS

I almost titled this article “Field Day Scores”, but we know this isn’t a contest, right David? Anyway David reports we had a higher score than last year mostly due to digital and CW contacts. (Thanks David, Mike

and Derek.)

Of course attendance was down slightly, but overall was well attended. We did practice social distancing. Tommie Lauer documented the event with photos which are available for club

members to view.

In case you missed it, our score was 2300 plus 990 in bonus points. But who is counting? It’s not a contest after all, right? So why did we send our scores into the league?

## HAM EXAMS

If you are considering taking your Ham exam, it would be best to contact David Macchiarolo, AF4TF <aj4tf@arrl.net> before showing up. Exams are limited to keep the numbers down. At this writing, examin-

ers and examinees are required to wear masks. The Greensboro session is being held outside in a picnic shelter. The High Point session is inside the Activity Building at Hickory Chapel Wesleyan.

The next Greensboro test

session is scheduled for August 8, 2020 at Hinshaw United Methodist Church in Greensboro. The High Point session is scheduled for August 30, 2020 at Hickory Chapel Wesleyan Church.

## 2-METER AND 6-METER SSB

Keith Thomas, KA4JAH, is hosting a 2-meter single sideband (SSB) activity. They are meeting on Thursday nights

at 9:00 p.m. on 144.200 MHz (2-meters) and on Sunday nights at 8:30 p.m. on 50.155 MHz (6-meters).

Those Hams who have 2-meter and 6-meter sideband capabilities are welcome to join.

## INTERNATIONAL LIGHTHOUSE WEEKEND ON TRACK FOR 2020

Registrations for this year’s popular International Lighthouse Lightship Weekend (ILLW) appear to have been largely unaffected by the current COVID-19 pandemic. The event will take place this year over the

August 22 - 23 weekend.

This event is designed as a fun weekend to encourage exposure to Amateur Radio and lighthouses to the visiting public, and ILLW stresses that contacts should be more than just

an exchange of signal reports. All participants are urged to observe local COVID-19 safety guidelines.

—*The ARRL Letter*,  
July 16, 2020

Rick Lindquist, WW1ME, Ed.

## SIGN UP OR RENEW YOUR ARRL MEMBERSHIP

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 or On The Air Magazine, online

services such as QST online monthly digital edition and archive as well as On The Air, 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, Warren Gallemore. 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 6:00 p.m. at a local restaurant announced in the newsletter. The business meeting starts at 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.

# FINAL BAND PLAN ACCEPTED BY ARRL

At a remote meeting on July 24, the ARRL Board accepted the final band plan of the Band Planning Committee.

Final Band Plan:

<http://www.arrl.org/files/file/ODV/Second Board Meeting July 2020/Doc 25A Band Plan Final-1b.pdf>

Major highlights:

80 Meters:

-Bottom of Phone band moved from 3.600 to 3.650

-WB (Wideband) and ACDS (Automatic Controlled Digital Station) defined - 3.600-3.650

-Technicians given 3.900 - 4.000 phone and image

40 Meters:

-WB/ACDS defined 7.100 - 7.125 (No more unwritten rule Novice CW segment!)

-Technicians given 7.225 - 7.300 phone and image

30 Meters:

-WB/ACDS defined 10.135 - 10.150

20 Meters:

-WB/ACDS defined 14.105 - 14.150

18 Meters:

-WB/ACDS defined 18.105 -

18.110

15 Meters:

-WB/ACDS defined 21.150 - 21.200

-Technicians given 21.275 - 21.350 phone and image

-Novices given 21.025 - 21.200 RTTY/Data

12 Meters:

-WB/ACDS defined 24.925 - 24.930

10 Meters:

-WB defined 28.120 - 28.190 (All classes)

-WB/ACDS defined 29.200 - 29.300 (Extra, Advanced, General)

## ARRL MEMBERS TO LEAD NEW 30-MINUTE AMATEUR RADIO WEBINAR SERIES

ARRL is launching a new webinar series to help introduce more members to the variety of activities and opportunities that Radio Amateurs enjoy. The ARRL Learning Network will offer live presentations by member-volunteers, for members. Like Hamfest forums and radio club presentations, the webinars are intended to help participants get more active, involved, and engaged in Amateur Radio.

Presentations are 30 minutes each. A 15-minute question-and-answer period follows each presentation for those who can participate longer. The webinars will be hosted initially using GoToWebinar. Webinars will be recorded, and some presentations will be available for future viewing by members and ARRL-affiliated radio clubs as part of an ARRL Learning Network library.

A running list of upcoming live presentations is available. The web page is the place to

register to attend each webinar and requires members to log onto the ARRL website. Some presentations:

### **Fun with Digital Signal Modes FT4 and FT8**

Anthony Luscre, K8ZT

Thursday, July 30, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

### **HF Wire Antennas**

George Cooley, NG7A, ARRL Life Member

Thursday, August 6, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

### **Introduction to Digital FM Modes**

Korey Chandler, Sr., WA5RR

Tuesday, August 11, 2020, 5 PM PDT / 8 PM EDT (0000 UTC on Wednesday, August 12)

### **Introduction to Computer Logging**

Steven Lott Smith, KG5VK

Thursday, August 13, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

### **Capture the Magic of 6 Meters**

Jim Wilson, K5ND

Tuesday, August 18, 2020, 10 AM PDT / 1 PM EDT (1700 UTC)

The webinars continue a string of new ARRL benefits introduced in 2020 that has included On the Air magazine, expanded member access to all ARRL digital magazines, and the new On the Air and Eclectic Tech podcasts.

“The ARRL Learning Network puts experienced member-volunteers at the forefront as a regular source of knowledge-sharing in Amateur Radio,” ARRL Lifelong Learning Manager Kris Bickell, K1BIC, said. “We hope members participating in the ARRL Learning Network, including presenters, will find it particularly rewarding to share experiences and learning that will motivate more of our community toward lifelong journeys as Radio Amateurs.”

—*The ARRL Letter*,

July 23, 2020

Rick Lindquist, WW1ME,

Editor



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

## HPARC AUGUST CALENDAR

- 1 — Air Force Day
- 1-2 — 222 MHz and Up Distance Contest
- 3 — HPARC Club Meeting**  
also on Zoom
- 4 — Coast Guard Day
- 14 — VJ Day (WWII Surrender of Japan 1945)
- 15-16 — ARRL 10-GHz Cumulative Contest
- 16 — ARRL Rookie Roundup - RTTY
- 29 — High Point VE Session, Hickory  
Chapel Wesleyan Church
- 30 — HPARC Newsletter deadline

### BIRTHDAYS

- Layman Idol — August 6
- Bob Witt — August 6
- Derek Brown — August 14
- Mike Walker — August 14
- Eddy Byerly — August 19
- Mike Cumbo — August 23
- Warren Gallemore — August 27

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

### 2020 HPARC OFFICERS

Mark McMahan — President — 336-887-3039 — [kb4mfp@arrl.net](mailto:kb4mfp@arrl.net)  
 Tom Bertolino — Vice-President — 781-608-6186 — [kb1p@arrl.net](mailto:kb1p@arrl.net)  
 David Macchiarolo, AJ4TF — Secretary — 336-869-2894 — [aj4tf@arrl.net](mailto:aj4tf@arrl.net)  
 Warren Gallemore, KA4LOQ — Treasurer — 336-883-4944 — [warreng960@mac.com](mailto:warreng960@mac.com)  
 Newsletter Editor — Mark McMahan — 336-887-3039 — [kb4mfp@arrl.net](mailto:kb4mfp@arrl.net)  
 HPARC — [www.w4ua.org](http://www.w4ua.org) — [w4ua@arrl.net](mailto:w4ua@arrl.net) — 147.165 (67 Hz Tone) — 443.900

**Saturday  
 Breakfast  
 get-togethers  
 postponed  
 until further  
 notice**