

APRIL 2016

HPARC NEWSLETTER

High Point
Amateur Radio
Club



APRIL MEETING

At the April HPARC meeting, David Macchiarolo will give a summary of the N4G Special Event Station celebrating the battle of the Guilford Courthouse. This event took place on March 12 and 13.

For the March meeting, David Macchiarolo talked about inexpensive test equipment and showed off his inexpensive oscilloscope.

The club is still conducting a food drive. Bring non-perishable food items to the meeting. Warren Gallemore and John Starrett have been in charge of the donations. Donations this month will go to Warren Gallemore's charity.

I have failed to mention that Denny Wojnar joined our ranks in February. Denny became a Technician at a

recent exam session held by David Macchiarolo. Denny holds the high honor of being the first HPARC member in 30 years to be elected without anyone voting against him.

The HPARC is now officially tax-exempt in accordance with the IRS. Thanks to everyone who helped get this accomplished.

See you all at the meeting.

US AMATEUR RADIO NUMBERS CONTINUE TO SOAR

The FCC has put the ARRL's January Petition for Rule Making (RM 11759) on public notice and invited interested parties to comment on what the League has called "minimal but necessary changes" to 80 and 75 meters. The ARRL petitioned the FCC to fix a "shortfall in available RTTY/data spectrum" that the Commission created when it reapportioned 80 and 75 meters 10 years ago. The League's petition asked the FCC to shift the boundary between the 80 meter RTTY/data subband and the 75 meter phone/image subband from 3600 kHz to 3650 kHz. The proposed change received strong support from ARRL members, and the ARRL Board of Directors

adopted it as policy at its July 2015 meeting. At that time the Board also agreed to seek RTTY and data privileges for Novice and Technician licensees within their current 15 meter CW subband, and to do the same on 80 meters, depending on the outcome of the 80/75 meter subband revision.

The petition asks the FCC to make the following changes to the Part 97 Amateur Radio Service rules, with respect to 80/75 meters:

Modify the RTTY/data subband, so that it extends from 3500 kHz to 3650 kHz. Modify the phone/image subband, so that it extends from 3650 kHz to 4000 kHz. Make 3600-3650 kHz avail-

able for General and Advanced Class licensees, as was the case prior to 2006. Make 3600-3650 kHz available to Novice and Technician licensees for telegraphy – consistent with existing rules permitting Novices and Technicians to operate CW in the 80, 40, and 15 meter General and Advanced RTTY/data subbands. Modify the rules governing

Numbers continued inside...

**HPARC Meeting
April 4, 2016**

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

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

HPARC TO CONTINUE COLLECTING FOOD

At the August meeting, the HPARC collected canned and packaged food to be distributed among a couple of members who are associated with

food pantries and food kitchens. It was decided by the club to continue this activity.

If you wish to participate, please bring non-perishable

food items to the club. It doesn't have to be canned food – just non-perishable such as boxed or packaged food items.

We appreciate your help.

LEARNING THE LANGUAGE OF MORSE

The tie between the Navy and Morse Code also remains strong these days. At the Naval Air Station Pensacola Corry Station in Florida, Morse Code training has been a continuous effort since 2005, when the coursework was moved to the learning center there for easy delivery with training in cryptology, intelligence and other disciplines. Corry Station is where students train as CTRs - cryptologic technicians. The last class of CTRs has just finished their program as of late January, and these students were the first to make use of a new revised Basic

Manual Morse Trainer and updated software used by the Department of Defense.

Military trainers say Morse is one of many tools to stand the test of time, which is why the Department of Defense has once again renewed its commitment to Morse training, investing in it now, more than ever.

That, of course, is no secret to Hams. But it's no military secret either.

The course supervisor, Gabriel Albarran, a Cryptologic Technician (Collection) First Class, said, "Morse code is not only used in military opera-

tions but also in commercial navigation. Search and rescue, science navigations and weather status are frequently passed in automated Morse code."

Cryptologic Technician Mary Kaitlin McKeeby adds: "It's a language. If you have a knack for languages, Morse Code is going to be easier to pick up." She should know about that: She beat the course record during the pilot program by two days, completing the self-paced instruction in 39 days.

—*Amateur Radio Newslines*,
Report 1997,
February 5, 2016

DECODING AN OVERDUE "THANK YOU"

Recognition was the last thing Theo Hopkinson would have wanted, or even asked for 71 years ago when she was working to help decode Nazi messages during World War II. In fact, she was part of a larger group of code-breakers who, similarly, vowed to keep as low a profile as possible while they worked at either Bletchley Park or Hanslope Park, intercepting messages from Germany.

Theo, who worked at

Hanslope Park, is now 89 and the war is long since over. So when Theo recently intercepted something once again, it was quite public and clearly worded. It was, in fact, a long overdue thank you for her efforts which, like those of her colleagues, have been credited for helping shorten the war and save millions of lives.

On Friday, the 11 of March, Theo was among a small group of women now living in Canada who received

the Bletchley Park Medal. It was presented by British Consul General Kevin McGurgan at the University Club in Toronto, Canada. Mr. McGurgan said: "It's good that now we're able to actually honor and acknowledge these people in a way that perhaps should have been a lot earlier. And fortunately, there was absolutely no need to decipher the meaning there.

—*Amateur Radio Newslines*,
Report 2003, March 18, 2016

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 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.

...Numbers continued from cover automatically controlled digital stations (ACDS), to shift the ACDS segment from 3585-3600 kHz to 3600-3615 kHz, consistent with the IARU Region 1 and 2 band plans.

According to the ARRL, the FCC Report and Order in Docket 04-140 released in 2006 departed substantially and without justification from the rules proposed in the FCC's so-called "Omnibus" Notice of Proposed Rule Making

(NPRM), with respect to 75 and 80 meters. Among other actions, the resulting changes expanded voice privileges on additional frequencies in various bands, including 75 meters. The FCC shifted the phone/image subband from 3750-4000 kHz to 3600-4000 kHz, trimming the 80 meter RTTY/data subband from 3500-3750 kHz to 3500-3600 kHz and substantially changing "the entire dynamic of this band," the League said.

Although the Omnibus R&O had indicated that incumbent licensees would not lose any operating privileges, some clearly did, the ARRL has pointed out. The most substantial adverse effect of the "unexpected and vast expansion" of the 75 meter phone/image subband, the League said, was the elimination of access to 3620-3635 kHz by ACDS.

—*The ARRL Letter*,
February 25, 2016,
Rick Lindquist, WW1ME, Ed.

ARRL 2016 FIELD DAY: NEW BONUS POINT CATEGORIES ANNOUNCED

It's not too early to be thinking about Field Day 2016 and planning your club's strategy for a bigger score and greater participation than last year. Field Day is June 25-26 — always the 4th full weekend in June — and the 2016 ARRL Field Day Packet now is available to download as a PDF file. This year's Field Day introduces two new ways to score bonus points — Social Media and Safety Officer.

Rule 7.3.16 Social Media offers 100 bonus points for promoting your Field Day activation to the general public via an active, recognized, and utilized social media platform, such as Facebook, Twitter, or Instagram. This bonus is available to bona fide Amateur Radio clubs and Field Day groups that welcome visitors to their operations. These bonus points are not available to individual participants, and club websites do not qualify as social media for this bonus. The bonus points are available to

all Field Day entry classes meeting the criteria.

Rule 7.3.17 Safety Officer offers 100 bonus points by designating someone to serve as a Safety Officer for groups setting up Class A stations. This person must verify that all safety concerns on the Safety Check List — found in the ARRL Field Day Packet — have been adequately met. This is an active bonus. Simply designating someone as Safety Officer does not automatically earn the bonus points. In order to claim this bonus, participants must include a statement verifying the completion of the Safety Check List in the supporting documentation sent to ARRL Headquarters.

Last year, 2720 stations submitted ARRL Field Day entries. Nearly 1.3 million contacts were logged during FD 2015 — an increase of just over 1 percent. Nearly 35,400 individuals took part in Field Day last year.

The 2016 ARRL Field Day

logo makes a connection to the League's year-long National Parks on the Air (NPOTA) operating event. NPOTA celebrates the centennial of the National Park Service (NPS).

The design's featured hiking boot footprint anticipates that many 2016 Field Day groups and individual operators may want to combine FD and NPOTA, setting up at national parks, historic sites, or at any of the hundreds of official National Park Service units throughout the US. Pick your park, get the okay from park officials, get out and get on the air, and leave nothing but footprints!

Follow Field Day on Facebook and Twitter (hashtag #ARRLFD). Share your plans, tips, and tricks for a successful Field Day!

For more information about Field Day 2016, contact ARRL Headquarters.

—*The ARRL Letter*,
February 4, 2016
Rick Lindquist, WW1ME,
Editor



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

HPARC APRIL CALENDAR

- 1 — **April Fool's Day**
- 4 — Raleigh Hamfest
- 5 — **EASTER**
- 6 — **HPARC Club Meeting**
- 18-23 — HP Furniture Market
- 18 — Catawba Valley Hamfest,
Morganton, NC
- 19 — ARRL Rookie Roundup – Phone
- 22 — **EARTH DAY**
- 24 — National Arbor Day
- 26 — HPARC Newsletter Deadline

29 — Administrative Professionals' Day

BIRTHDAYS

- Sam Hall — April 21
- David Macchiarolo — April 25
- Dan Bly — April 27

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Breakfast
every Saturday
 —
8:00 a.m.
 —
Biscuitville,
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