



General Meeting
Wednesday January 8th
7:30 pm

Meeting Location

Hazel Park Community Center
Dining Room
620 N. Woodward Heights
Hazel Park, MI



Zero Beat

January 2020

President's QRM

Happy New Year

The December HPARC Christmas Holiday Party was well attended. Everyone enjoyed the eyeball QSO's and the holiday meal that included delicious food dishes to pass provided by the members. Thank you for sharing your favorite dish.

With 2020CY upon us it is time to put into action the resolutions that you have made to attract new hams to the hobby. As an example, volunteering to teach the HPARC sponsored Technician License course is rewarding and an excellent way to bring new hams into the hobby. If you are interested, try attending the HPARC Technician License course for a few days. The classes start in January. The HPARC instructors will be happy to provide guidance to prospective instructors. You may be pleased to observe how easy it is to instruct the Technician License. Contact Jerry W9NPI for class details.

Remember to mark your calendar with the HPARC Swap - 8:00 AM to 12:00 AM, Sunday, January 19, 2020. Vendor Load-in is at 1:00 PM to 5:00 PM on Saturday and at 6:30 AM to 8:00 AM on Sunday. Join in the fun by volunteering to support the Vendor Load-in and buying a table to sell your no longer needed amateur radio treasures. I will see you there.

Volunteer, Attend and Have Fun

Happy New Year to You and Your Family,
David AA8IK
President - HPARC

“The theory of electricity by Joseph Lucas”

Positive ground depends on proper circuit functioning, which is the transmission of negative ions by retention of the visible spectral manifestation known as “smoke”. Smoke is the thing that makes electrical circuits work. We know this to be true because every time one lets the smoke out of an electrical circuit, it stops working. This can be verified repeatedly through empirical testing.

For example, if one places a copper bar across the terminals of a battery, prodigious quantities of smoke are liberated and the battery shortly ceases to function. In addition, if one observes smoke escaping from an electrical component such as a Lucas voltage regulator, it will also be observed that the component no longer functions. The logic is elementary and inescapable!

The function of the wiring harness is to conduct the smoke from one device to another. When the wiring springs a leak and lets all the smoke out of the system, nothing works afterward.”

You're a ham if you sit around trying to figure out how to work DX on your cordless phone.

You're a ham if you check a potential new car for rig and antenna mounting possibilities even *before* you take it for a test drive.

You're a ham if, whenever you visit ANYONE'S house, you look at the height and spacing of trees for dipole stringing potential.

You're a ham if, when someone asks you to spell your last name, you do it with phonetics. (Sierra Charlie Hotel Echo India November Bravo....)

You're a ham if, when you are watching a movie that shows someone operating a radio, you will loudly and indignantly proclaim the inaccuracies in the portrayal.

Your secrets
are safe with
me... I wasn't
even listening.

Cool Funny Quotes.com

HPARC Nets

HPARC Official Sunday Night 2-meter Phone Net

Every Sunday a 9:00 Pm local time on the DART repeater, 146.64 (PL 1 00), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

ARPSC Thursday Night 2-meter phone net

Every Thursday at 8:00 PM on the W8OAK repeater, 146.90 (PL 100). The Hospital radio check net takes place on the last Thursday each month at 7:30 PM on the W8OAK repeater. <http://www.arpsc.com>

Around Town

HPARC Buddy Breakfast every Saturday at 9:00 AM (or so)

Cozy Cabin Diner, 2129 E. 12 Mile Rd, Warren, MI
Come in early for the socializing. Park in the restaurant parking lot.

Oakland County ARPSC Siren Testing, 1st Saturday at 1:00 PM.

March through November except April. Contact Marsha, N8FE, at n8fe@arrl.net, to be assigned a siren to test.

Amateur Radio Licensing Testing

HPARC and the City of Oak Park offer amateur radio licensr testing on the first Tuesday of even numbered months at the Oak Park Community Center, 14300 Oak Park Blvd, Oak Park, MI, 48237, starting at 7:00 PM. Contact Jerry, W9NPI at w9npi@arrl.net.



Club Officers

President: David Koch AA8IK
davidkoch@comcast.net

1st VP Jim Poehlman K8ABZ
k8abz@arrl.net

2nd VP Joe Raznik WB2ADX
Joeraznik@gmail.com

Secretary Reuven Gevaryahu KB3EHW
kb3ehw@arrl.net

Treasurer Robert Lauer N8REL
rlau@aol.com

Director Bill Ketel N8QVS
n8qvs@arrl.net

Parliamentarian Hugh Boyle KE8BED
photoink7@hotmail.com

Sunday Net Net Control Operators

Bob Lauer, N8REL Lee DeRosia, KD8TBC John Little, W8TOY

Banquet June 10, 2020

John Little, W8TOY

HPARC Official Cook

Bill Ketel, N8QVS

Swap and Shop January 19th 2020

Open

Member Meeting Audio Visual Support

Ken Simpson, KE8LIG

HPARC Picnic Chair August 12th 2020

Jay Schwartz, KB8SBI

Holiday Party December 9th 2020

The Board

Club Equipment Inventory

Jim Poehlman, K8ABZ

Lark In The Park

John Teagardin, AA8UU

Field Day June 26-27 2020

John Teagardin, AA8UU Ken Krause, AD8M

Meeting Greater

Edgar Walton, N8LBS

Volunteer Positions

Technical Coordinator & W8HP Trustee

Joe Raznik, WB2ADX joeraznik@arrl.net

W8JXU Trustee

Bill Ketel, N8QVS n8qvs@arrl.net

Education/VE Testing

Jerry Begel, W9NPI w9npi@comcast.net

Contest Mentors

Mike Van Buren, WD8S wd8s@arrl.net

Gerry Treas, K8GT k8gt@arrl.net

LoTW Manager

Murray Scott, KE8UM ke8um@arrl.net

Webmaster

David Koch, AA8IK

Zero Beat Newsletter/Public Information Officer

Rick Laird, KB5OO ricklaird1@comcast.net

Meeting Coffee & Donuts

Greetings All,

HPARC SWAP is **Sunday, January 19th** in Madison Heights, Michigan and we are looking forward to another fun and interesting swap this year.!

Thank you to those who have already reserved tables and those who have already bought your tickets!

Lots of table reservations are already in. We will be assigning table locations next weekend, January 5th. For specific table locations, especially if you need electrical, best to get your reservations soon.

Thank you for your interest in our past SWAP.
-Bob N8REL

The four most beautiful words in our common language: I told you so.

Gore Vidal

Spectrum News

By Wes Plouff AC8JF

Recent FCC and international rulemaking will affect amateur radio.

The ITU World Radio Conference (WRC-19), held in Sharm-El-Sheikh, Egypt, in October and November 2019, took several actions that will eventually affect American hams. Here are the changes by band.

19-21 and 79-90 KHz: These two bands were proposed for wireless power transfer (WPT) for electric vehicles. Harmonics from kilowatt-level signals could be yet another noise source on the low amateur bands. The proposal failed, so electric car chargers won't be adding to RF noise pollution for now.

50 MHz: In Region 1, Europe and Africa, more countries will allow operation on 6 meters starting around 2021. WRC-19 adopted a region-wide secondary allocation at 50-52 MHz, opening the door to more activity from Africa. However, privileges will vary widely, from a full 4 MHz down to 200 KHz. A few countries will still not allow 6 meter operation. For Americans, "magic band" DX is about to get more interesting.

144-146 MHz, 5850-5925 MHz, 47-47.2 GHz: No changes. These bands were wanted for aeronautical mobile, 5G wireless and Wi-Fi expansion, respectively.

148-150 MHz: commercial small satellite uplinks will be kept out of the 2 meter amateur band.

In four years, the WRC-23 conference in Geneva, Switzerland, will include items dealing with interference to Galileo navigation satellite signals in the 1240-1300 MHz band, demand for more 5G broadband spectrum, and allocations from 275 GHz up, which are now unregulated.

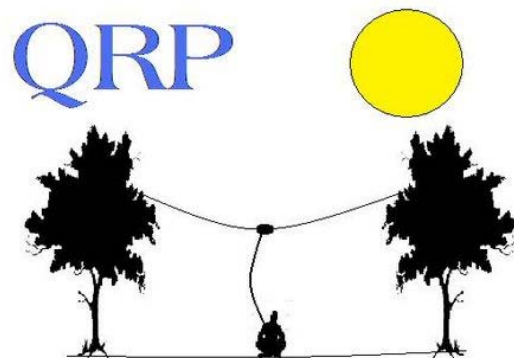
The FCC is taking actions that will affect radio amateurs.

9 cm band elimination: The FCC has proposed removing amateur radio and all other non-Federal users from the 3300-3500 MHz band, including an amateur satellite allocation. Responding to the MOBILE NOW Act, the FCC wants to free up more spectrum for 5G broadband service. Comments on WT Docket No. 19-348 are due by January 16, 2020. The ARRL is opposed, but it's not clear much can survive the 5G juggernaut.

5 cm band sharing: The FCC has proposed opening the 5850-5925 MHz band to more uses. Currently, "dedicated short-range communications," used for car-to-car applications, are primary users, while amateur radio is a secondary user. After a "fresh look" at the band, the FCC proposes allowing unlicensed operation such as Wi-Fi up to 5895 MHz. The Commission also proposes opening the upper 30 MHz of the band to Cellular Vehicle to Everything (C-V2X) use to increase its adoption in cars and trucks. The secondary amateur allocation would remain unchanged. Comments on ET Docket No. 19-138 are due by January 17, 2020.

RF Exposure: As part of a move to get rid of special exemptions, amateurs must now follow a general FCC rule for deciding what stations need not calculate RF exposure. According to the ARRL, nothing will change for most hams.

Encrypted data communications: Ted Rappaport N9NB, on behalf of New York University, has petitioned the FCC to declare WINLINK and most PACTOR modes "encrypted communications" forbidden by FCC rules. He argues that because the details of these data protocols are not public, they can only be decoded using proprietary equipment. The ARRL is opposed. The deadline for public comment expired in mid-December, but the timing of any FCC decision is unknown.



When you care to send the very least!