

QRZ NEWS

A MONTHLY PUBLICATION OF
SOUTHERN PENNSYLVANIA AMATEUR RADIO CLUB, INC
PO BOX 422- Mount Joy, PA 17552

(Founded June 1960)

AN AFFILIATED SPECIAL SERVICE CLUB OF THE ARRL, INC.

"Public Service through Communication"

Website: WWW. K3IR.org

Email address: k3ir@arrl.net

Repeaters: 145.230 - 449.975 - Packet 145.030 - ATV 923.250, FN10se

Club site 1715 Breneman Road, Rapho Twp. (Manheim P.O. 17545 NO DELIVERY)

September 2016

President's Message

Wrapping it all up for the season

Looking back on the last few months we have accomplished a lot. It is hard to believe that only this March we applied for the electrical permit. Lots of copper, discussion, and connections later we have a building that is powered, insulated, and is functional once again.

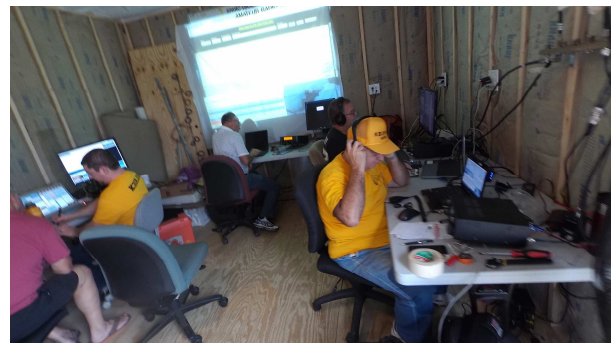
No better test of the state of SPARC operations than the PA QSO party. Several members participated to test the operating positions, discovering what works and what doesn't, looking at spacing of stations, antenna connection plan, and if we have enough outlets.

I am happy to announce not one power strip was used during the contest. We have enough outlets. With 5 stations running we were able to spread out along the back end of the building and found the operation much more comfortable than the cramped tin can that was the old building.

Don't believe me, here are a picture from the 2013 QSO party and a picture from this past weekend. Not only are we more spaced out, but the sound levels were much lower, we could get up without disturbing the rest of the operation, and we did not have to ask someone to pass a bowl of chili.

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This fall we will start hanging sheetrock. This will take a bit of time and effort, so look for postings of work parties. Once the walls are up, we will have to decide on paint color, but that will be for the next administration to deal with.

Then its floors and ceiling, and we will be professional amateurs. Thank you again for all those who helped make the Jim Ibaugh operating building a possibility, both with your time and your efforts. It will house plenty of stories, laughs and QSO's in the years to come.

Your President

Kevin Lampo
K3LLC

Monthly Projects List

Sparc will hold monthly work days through the spring and summer at the site. We meet on the second Saturday around 9:30 AM. This is the same day as our monthly breakfast at Gus' Restaurant in Mt Joy.

Here are the scheduled tasks for the next three months. We have many tasks to complete this year and need all the hands to accomplish the list.

Note that the October 8 work day was cancelled due to a conflict with the PA QSO party. That work was being completed by our intrepid tower climbers just as this issue of the newsletter was being written.

Nov 12

- Prep for winter
 - Move everything inside
 - Check antenna connections where possible
 - Complete all tower work
-

Coming Events

Tuesday 25 October 2016 7:00PM

Regular SPARC membership meeting at the SPARC club site 1715 Breneman Rd., Rapho Twp. (Manheim P.O. 17545 for GPS).

The topic for October is how to test your feed line. Members are welcome to bring their 50 ohm coax to test if they think it is suspect.

A short business meeting will follow.

Monthly Breakfast

The second Saturday of every month at 0800 is a SPARC breakfast at Gus's Keystone Restaurant, 1050 W. Main St, Mt Joy, PA.

Contact [Gerry Wagner, KB3SSZ](mailto:Gerry.Wagner@KB3SSZ), for more details. Everyone interested in Amateur Radio is invited to attend. See <http://guskeystone.com/> for restaurant details.

Astronomy / Earth Science

November 14 brings **full moon**. This month's full moon as well as December's will be a so-called supermoon, where the Moon is at its closest approach to Earth and will appear slightly brighter and larger than usual.

The **Leonid Meteor Shower** will peak on November 16-17. This year is expected to be low to average, and some of the more faint meteors will be obscured by the waning moon.

New Moon occurs on November 29.

The **Geminids Meteor Shower** runs from December 7-17, with a peak on December 13-14. This shower produces up to 120 meteors per hour; many of them will be obscured this year by the nearly full moon.

From *SpaceWeather.com*:

CRASH LANDING ON MARS: Evidence is mounting that the European Space Agency's [Schiaparelli](#) probe crash landed on Mars on Oct. 19th. [New images](#) from NASA's Mars Reconnaissance Orbiter show the probable crater as well as the lander's parachute on the ground nearby. Telemetry from the descent suggests that Schiaparelli's thrusters switched off prematurely, resulting in a much longer free-fall than planned. Mars is [notoriously difficult](#) to reach with only about half of all landers successfully reaching the surface.

A HOLE IN THE SUN'S ATMOSPHERE--UPDATED: A large coronal hole is turning to face Earth, and it is spewing a complicated stream of solar wind toward our planet. This image from NASA's Solar Dynamics Observatory shows the outlines of the structure. According to [NOAA computer models](#), the emerging stream of solar wind could reach Earth as early as Oct. 24th, although **Oct. 25th** is more likely. Because the stream is broad, it could influence our planet for 2 to 3 days, sparking polar geomagnetic storms and Arctic auroras for several nights in a row. Stay tuned for updates as the solar wind approaches.

Other News

Preparation classes and testing for the Technician Class license will be held in Dallastown, PA.

Classes:

February 18, 2017 (0800-1600)

February 19, 2017 (0800-1200)

Testing:

February 19 (12-3)

Inclement Weather Reschedule:

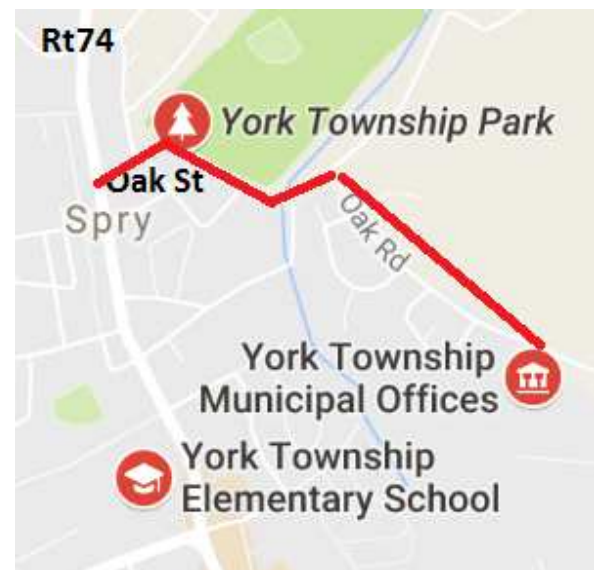
February 25-26, 2017

There is no charge for the class. There may be a \$15 FCC License testing fee; that fee is determined by the testing team that is independent of the instructor. Some teams have no fee and I work with them if possible.

Come with an open mind, pen and paper. We discourage the use of smart phones in the class except for emergencies. (Please put on vibrate) A simple calculator and a Windows PC are useful.

Contact Ralph Brandt K3HQI, by phone at 717-885-3063 or at ralph.brandt@comcast.net Pre-registration helps planning but payment is at the time of testing on Sunday. Please give a phone number where you can be reached in case of bad weather

York Township building, 190 Oak Road, Dallastown, PA 17313



ARES/RACES



As part of the SPARC commitment to emergency communications, the SPARC repeater system is maintained as available for linking with other area repeaters.

Lancaster County RACES VHF Net is held on the first Tuesday of the month at 2030 hours local time on the 145.310 MHz repeater in Rawlinsville.

The Lancaster County primary ARES/RACES repeater is on 145.310 MHz with minus offset and 118.8 PL.

Pennsylvania RACES HF Nets are held at 3993.5 kHz LSB on all Sundays except holidays.

The statewide net is on the first Sunday of the month at 0800 hours local time.

The Central Area (including Lancaster County) net is at 08:30 local time.

EPA NBEMS Net, Tuesday, 7:30pm local EST,
3.5920mhz Mode: Olivia 8/500 1khz,
Net Mgr: WA3WSJ@arrl.net

SPARC Nets

[SPARC holds nets every Tuesday at 2100](#)
local time on 145.230 MHz minus offset and
PL of 118.8Hz. The [449.975MHz](#) PL of 114.8
Hz repeater is linked to the 2m repeater for the
net.

Club Officers

President - Kevin Lampo – [K3LLC](#)
Vice President - Scott Lithgow – [KN3A](#)
Secretary - Peg Hamm – [KB3SCA](#)
Treasurer - David St. Pierre - [AB3VJ](#)
Repeater Trustee - Dave Payne - [N3LOM](#)

Membership Info Update Request

Please send all changes of address, email, and ham status to Gerry Wagner at 1309 Willow Creek Drive, Mount Joy, PA 17552

email: Gerry.Wagner@ComCast.Net

cell 717-344-1427

home phone=717-653-0659 (Fax Opt);

Thanks Gerry Wagner KB3SSZ

Nearby Nets of Local Interest

If you need information on access tones etc, the referenced web sites below will usually provide the information needed. For more information, see <http://arcc-inc.org/arc-fdbas.html>

**Monday Ephrata Area Repeater Society
Lancaster County Two Meter Emergency
Net** 9:00 PM on the 145.450MHz repeater.
(Ed Note: The EARS web site no longer exists. The Monday night net is still in operation.)

Monday [Keystone VHF Club](#) Combined Club
& ARES/RACES Net 8:30PM on
146.970MHz.

[Monday South Mountain Radio Amateurs](#)

SMRA Club Net 9:00PM on [145.430MHz](#)

YORK NETS - Summer TUESDAY

DIGITAL NET is on Summer Hiatus
Feel free to use this time for informal
practice amongst yourselves

8:00 PM on 146.97 MHz repeater , PL 123.0 HZ

ELMER NET will continue

at 9 PM on the 146.97 MHz repeater, PL 123.0 HZ

this NET is for newer HAMs and anyone else who may have questions, or wish to discuss projects.

Morse Code Net Tuesday, 2000 local time (8:00p). [SMRA](#) repeater 145.430- (67.0 Hz) with alternate frequency of 146.460+ (1,000 kHz offset, tone 67.0 Hz)

Wednesday York County SSB Net 7:45PM on 50.135MHz. Informal net getting started. Contact Steve Cruse, K3WHC, for more information.

Wednesday [Pottstown Area Amateur Radio Club](#) 8:30PM 50.130MHz Contact [Leonard, WV3P](#) for more information.

Wednesday [Red Rose Repeater Association Net](#) 9:00PM on 147.015MHz.

Wednesday [QCWA Net](#) 9:00PM on 146.97MHz.

Thursday [Lancaster Radio Transmitting Society Net](#) 9:00 PM on 145.390MHz

PACKRAT VHF/UHF NETS

Visit the Mt Airy VHF Radio Club at: <http://packratvhf.com/airtimes.htm> for the latest information on VHF/UHF nets.

NTS Eastern Area Phone net

3.917 at 4:00 PM daily for traffic going to EPA, MDC, WPA and Maryland. We have a

callup, pass any traffic, after that a round of comments. Traffic manager is WA3QPX. Net could use more checkins from EPA as we normally only get one checkin from EPA and sometimes none. This is where the Fone traffic for EPA net normally comes from. Any questions I will be on 3.917 at 4:00 PM. 73 , [Paul, WA3QPX](#)



Two EPA Nets Now Accessible via Echolink

Posted By: [egroups_n3sw](#) [egroups_n3sw](#)
Mon Aug 27, 2012 11:40 pm

<>The EPA AA3RG and Echolink Traffic Net (EAETN) has been accessible since its inception via Echolink at node AA3RG-R (#149493). See the group Calendar for more information. [*Thursday 8:00PM*]

<>Now the Capital Area Traffic Net (CATN) is also accessible via Echolink at node N3TWT-R (#743026). See the group Calendar for more information. All (*licensed hams*) are welcome to join in on these nets.

73 -Scott N3SW EPA STM-

AA3C note: To visit our group on the web, go to NTS-EPA Group web site:

<http://groups.yahoo.com/group/nts-epa/>

Both nets will utilize the 146.640(tx-) MHz.

Transmit access tone: 82.5 Hz.

AA3RG Repeater. <http://www.aa3rg.org/>

QRZ News Publication

QRZ News is published monthly. The deadline for submission of items for publication is 11 days before the regular membership meeting on

the fourth Tuesday of each month. If the material is not copy and paste ready for publication, more lead time is required.

We operate on an exchange basis with other not for profit publications. Articles printed in QRZ News may be reprinted in a not for profit publication provided proper credit is given. QRZ News is archived at <http://www.k3ir.org/>

For Sale By SPARC

SPARC has the following items for sale to members or other interested Hams.

12 sections of used Rohn 25 tower - 10 foot sections - will need to be sanded and painted

2 top sections - tapered at top.

Most of the tower sections have surface rust but are solid. The top sections have had some of the cross bracing cut to accommodate rotor installation.

Looking for \$20 per section. Delivery can be arranged.

Also if you are building wire antennas we have a large quantity of insulated wire from 14 gauge to 18 gauge.

Contact Kevin, K3LLC or Harry, N3FMO
