



# 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@arrrl.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)

## June 2017

### President's Message

Greetings

Today is Field Day. I'm sitting in the new club house watching everyone having a great time. We have been blessed with great WX this year. All sunny and warm with low humidity and a nice constant breeze to keep things cool. The YLs have really gone all out with the food. Great food and lots of it. Many thanks to all the ladies that kept our bellies full today.

We had quite a few visitors today. I talked to a few that have been licensed for years, but have not been active. They stopped in to revisit the hobby and I think they rekindled their interest. The magic is still there in this great hobby of ours. We send a few watts of wavy current into a piece of wire and someone with another piece of wire 3000 miles away hears our voice come out of a speaker in front of them. That's the magic that we as hams are able to experience.

I did not operate much today, but I got to watch others that had never experienced the fun and excitement of Field Day make contact after contact. I got to visit with old friends and new. To talk about ham radio experiences we shared decades ago. The fellowship of Field Day has become my favorite part. No business to discuss, just a relaxing day of fun, telling stories and sharing some knowledge of what we all have in common.

Thank you to everyone that participated. I hope your day was as magical as mine.

73

Mark Walton K3MRK

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### Coming Events

#### Membership Meeting

The next membership meeting will be held on Tuesday July 24th. We look forward to seeing you!

#### SPARC 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.

## Field Day Report

The log showed 1058 QSOs for a score of 3776 without bonus points. Following are some photos from field day.



Aerial view of the club site, courtesy of Phil Theis K3TUF



Kevin Lampo and John Rudy set up under a canopy outside the operating building.



Tom Hartrantf trying to connect with a satellite pass around 12:30 or so Saturday afternoon. We saw several black helicopters fly overhead shortly after his contact.



Making contacts inside the new operating building.

## Astronomy / Earth Science

**Jupiter** remains the brightest planet in the night sky, rising just after dusk and staying out through midnight. As with last month, Jupiter is making a very close approach to the waxing moon, with June 30- July 2 being at its nearest. Jupiter will approach the moon again on July 28<sup>th</sup>.

**Saturn** has returned, rising at nightfall in the southeast. It will be at its brightest and highest around 11:00 PM early July and around 9:00 PM by the end of July.

**Venus** rises very early in the morning, a couple of hours before the sun. It will be highest in early August.

The **Sun** is perhaps the most interesting object in the sky for the next 6-8 weeks. We are reaching solar minimum, in the valley of the 13-year solar cycle. Most notably, we are close to the path of totality for the eclipse that will sweep over North America on August 21<sup>st</sup>.

There are several web sites dedicated to the event; one of them is <https://eclipse2017.nasa.gov/>

Viewing safety is always a concern. The College of Charleston shows an inexpensive yet effective viewer; the lenses are available from SurplusShed.com for \$5.00.

[http://richardsont.people.cofc.edu/safe\\_solar\\_folder/](http://richardsont.people.cofc.edu/safe_solar_folder/)

<http://www.surplussshed.com/pages/item/l14766.html>

### From SpaceWeather.com:

**THE SOLAR ECLIPSE BALLOON NETWORK:** The Great American Solar Eclipse is less than two months away. Where will you be on Aug. 21, 2017, when the Moon completely covers the sun? Spaceweather.com

and the students of Earth to Sky Calculus plan to observe the eclipse from the stratosphere, photographing the Moon's shadow and collecting unique cosmic ray data high above any obscuring clouds. We'll do it using space weather balloons launched from multiple sites along the path of totality. Learn more at <http://news.spaceweather.com/solar-eclipse-balloon-network/>

**NASA CREATES ARTIFICIAL 'SPACE CLOUDS':** A rocket launched before sunrise on June 29th from NASA's Wallops Flight Facility produced an amazing display of colorful 'space clouds' over the east coast of the USA. Onlookers described their "erupting colors" as "vivid", "spellbinding", and "brilliantly apparent" as the vaporous forms spread across the early morning sky. See <https://www.nasa.gov/feature/auroral-sounding-rocket-to-display-artificial-clouds-in-space/>

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## 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](mailto:WA3WSJ@arrl.net)

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## 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.

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## Club Officers

Mark Walton, K3MRK, President  
Kevin Lampo, K3LLC, Past President  
Larry Laughman K3LWL, Vice President  
Margaret Hamm, KB3SCA, Treasurer  
Gerry Wagner, KB3SSZ, Secretary  
David Payne, N3LOM, Repeater Trustee  
Harry Bauder, N3FMO, Membership Chair  
Tom Hartrandt, KB3ZGF, Member at Large

## Membership Info Update Request

Please send all changes of address, email, and ham status to Harry Bauder, 4319 Snavely Rd Elizabethtown, Pa 17022  
email [harrybauder@comcast.net](mailto:harrybauder@comcast.net)  
home phone 717-944-7235

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## 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

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## **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/>

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#### 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/>

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## **For Sale by SPARC**

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

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

Contact Mark, or Harry, N3FMO

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