



# 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)

## August 2017

### President's Message

With all the chaos going on in the world, I'm really glad I have this hobby to take me away from all of it. I've got a long list of Summer projects to complete before the WX turns cold, the biggest being getting my tower up. This will be an interesting experience since I have never done it before. I'm still digging the hole. I think this job was designed for younger hams.

The solar eclipse is coming on Monday. As I write this, it hasn't happened yet. We will be gathering at the club site to take part in an activity to determine how the eclipse will affect propagation. We will be making HF digital contacts throughout the event. The contacts are logged through the various automated spotting systems in place on the internet. I don't remember the last eclipse. I'm not sure if I saw it or not. I won't miss this one. The site should be an excellent place for viewing.

For the most part, the building project is complete. I'm sure we will be tweaking things and adding improvements as time and budget allows. There are radios at the operating positions and all members are welcome to come and operate any time. There is someone there every Tuesday evening for anyone that needs assistance or wants to learn.

I'll be sending out a 1 time email to all members concerning a build project that will begin Tuesday, Sept 19. Anyone interested in participating is welcome. We will be building a

simple 40 meter sideband transceiver. This is a great opportunity for anyone who wants to try their hand at a homebrew radio but wants to start with something simple. Anyone can do this. No board level assembly required. For a preview take a look at HFSIGS.com. I'll get the details out in the next day.

This Tuesday evening is the membership meeting. I hope to see more of you then. We now have a climate controlled meeting place. So stop in and get out of the heat. We have a guest speaker this month that is going to talk about antenna feedline. I think we can all learn some things from this presentation.

See you there! 73

Mark Walton

K3MRK

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### Site News

Many of you may have noted that the 2 meter repeater has been up and down recently. A

series of repairs have been made to various sections of the repeater unit. For now, the Motorola repeater is being used in standalone mode, with no ability to link with the UHF unit for the net or to do announcements. A shipment of parts is expected soon, with the expectation of getting the Kenwood repeater back on line the week soon.

## Coming Events

### Membership Meeting

A reminder to try to make it to the SPARC meeting this Tuesday. We will be having guests from the Tri-State Radio Association to give a demonstration on line loss. All are welcome! Come out, learn and enjoy the friendship



### 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.

## Astronomy / Earth Science

**Mercury, Venus, and Mars** now morning stars, visible before sunrise. On the morning of

September 10<sup>th</sup> Mercury will be tightly grouped with Mars and the star Regulus, but by the end of September it will have disappeared into the Sun's glare. Venus rises 2 hours before sunrise.

**Jupiter** will be low and relatively dim in the southwest sky.

**Saturn** will also be low and dim in the southwest. Saturn is at its maximum inclinations, which makes its rings appear about as open as they ever get.

The big astronomical event this month was the eclipse. A group of students released photos from a network of weather balloons and caught the shadow of the eclipse from the stratosphere. For more info, and bigger, easier-to-see photos, see their facebook page at <https://www.facebook.com/earthtoskycalculus/>



## 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 at 145.310 MHz on the N3FYI 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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## Nearby Nets

### ARRL National Traffic System (NTS) in EPA

The primary HF traffic nets within the Eastern Pennsylvania Section are:

- **EPAEPTN** daily at 6pm ET 3917 KHz LSB
- **PTN** daily at 7pm/10pm 3585 KHz CW (statewide)

Sources for more information about the NTS in general:

- <http://www.arrl.org/nts> or the NTS chapter in any edition of the ARRL Operating Manual.

Sources for more information about the NTS in EPA:

- <http://groups.yahoo.com/group/nts-epa>, or <http://www.arrl.org/sections/view/eastern-pennsylvania>
- Point of contact: Scott Walker N3SW, EPA STM, [n3sw@arrl.net](mailto:n3sw@arrl.net)

### Hurricane Watch Net

(Main frequency during Hurricanes) 14.325 MHz.

### SPARC Nets

SPARC holds nets every Tuesday at 2100 local time on 145.230 MHz neg offset and PL of 118.8Hz. The 449.975 MHz, PL of 114.8 Hz repeater is linked to the 2m repeater for the net.

### Nearby Nets of Local Interest

#### Sunday

#### Monday

8:30 PM, Keystone VHF Club (York combined club and ARES/RACES), 146.970 MHz, neg offset, PL 123.0.

9 PM, Ephrata Area Repeater Society W3XP, 9PM, 145.450 MHz, neg offset, PL 100.0 and 444.650, pos offset, PL 131.8

9 PM, South Mountain Radio Amateurs (SMRA), N3TST, 145.430MHz, neg offset, PL 67.

#### Tuesday

8PM, Morse Code Net, SMRA, 145.430 MHz, neg offset, PL 67.0, alternate 146.460, pos offset 1,000, PL 67.0.

8 PM, Keystone VHF Digital Net, 146.97 MHz, PL 123.00. On hiatus over the summer.

8PM, Lebanon Valley Society of Radio Amateurs (LVSRA) Emergency Net, K2LV, 147.315 MHz, pos offset, PL 82.5.

9PM, SPARC, K3IR, 145.230 MHz, neg offset, PL 118.8, and 449.975, PL 114.8.

9 PM, Keystone (York) VHF Elmer Net, 146.97 MHz, neg offset, PL 123.0.

### **Wednesday**

7PM, W3WAN, York, 146.935 MHz, Lebanon, 146.880, neg offset, PL 74.4.

8 PM, Harrisburg (Etters), W3UU, 146.670 MHz, neg offset, PL .100.

9PM, Red Rose Repeater Association, W3RRR, 147.015, pos offset, PL 118.8, 449.575 MHz, neg offset, PL 114.8.

### **Thursday**

9PM, Lancaster Radio Transmitting Society (Cornwall), W3AD, 145.390 MHz, neg offset, PL 111.8.

### **Friday**

8PM, Reading, K3TI, 145.490, neg offset, PL 114.8.

### **Saturday**

8 PM, Tristate Radio Association, KX3B, 146.745, neg offset, PL 114.8.

### **HF Nets**

Sunday, PM, Lebanon, 28.450 MHz.

Monday thru Friday 9 AM to 12 Noon, Ragchew, 7.272 MHz.

Monday thru Saturday, 12 Noon, Salvation Army, 14.265 MHz.

Monday thru Saturday, 8 AM thru Midafternoon, ECARS, 7.255 MHz.

8 AM thru Midafternoon, MidCARS, 7.258 MHz.

Tuesday, 8 PM, Red Rose Repeater Association, 10M net 28.400MHz

7 Days a week, 12 Noon to 9 PM, Maritime Mobile Service Net 14.300.

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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

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### **Membership Info Update Request**

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

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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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