



The Reading Radio Club Bulletin



W3BN W3CCH Volume 60

Issue Number 04

April 2022

The Reading Radio Club Was Established March 10th, 1921 , ARRL Affiliated February 17, 1922
 A Monthly Publication of the Reading Radio Club, Scott & Lori Scheirer Editors (kc3pcs@gmail.com)
 Keep up to date with the RRC at <http://www.readingradioclub.org>
 Manage your club profile & email address at <http://www.hamclubonline.com>
 <http://www.facebook.com/RRCW3BN>

2022 Board Of Directors & Officers

PRES	Joe Pietruszynski, AC3DI	JFP0250@comcast.net (24)
VP	Chris Schlegel, K3ADA	Sutehk.CS@gmail.com (23)
SEC.	Harry Hoffman, W3VBY	HarryHoffmanJr@juno.com (22)
TREAS.	Nate Rosenthal, N2ADD	NateØ1PA@comcast.net (23)
	Janine Galiyano, K4AJZ	LuvMJnbella4ever@gmail.com (24)
	Jason Potter, K3WDF	Radio.K3WDF@gmail.com (24)
	John Engle, AB3SR	No Public Email (22)
	Ronald Waszk, K3RJW	PolishPICL@aol.com (23)
	Scott Scheirer, KC3PCS, Editor	kc3pcs@arrl.net (22)

The two-digit number, in brackets, to the right of the BOD member's email address, is the year that their term ends on December 31.

(A normal 3-year term runs from Jan. 1 to Dec. 31, three years later).

The four officers of the RRC are elected from the BOD by the NINE board members at the annual RRC Board of Directors Reorganization Meeting held in January of each year. Please note that ALL nine BOD members have voting power.

Please note: The Board of Director Minutes are available by written request or online at: <http://www.readingradioclub.org>. Email Chris Schlegel, k3ada@arrl.net if you wish to participate in a board meeting.

Send ALL USPS Mail pertaining to the Reading Radio Club to :

ATTENTION TO ** (Person your sending to)
 READING RADIO CLUB INC
 PO BOX 13777
 READING PA 19612-3777

W
3
B
N

The W3BN Repeater is owned & operated by the Reading Radio Club and is located in Alsace Township up on the mountain.

146.91 MHZ (Input 146.31 MHZ) with a PL Tone of 131.8 hz.
 It is available from 5:30 AM until 12:30 AM.

The Reading Radio Club is an IRS-designated 501(c)(3) organization holding tax identification number 23-1660585. Contributions to the Reading Radio Club are tax-deductible to the extent allowed by law.

TAKE NOTE

MEETINGS

Next Board Meeting: **Tues, April 5th, 2022 at 7:30 PM via Zoom**

Next General Meeting: **Fri, April 8th, 2022 at 7:30 PM (VE Exam 6 PM)**

Topic: TBD (Please watch your email for confirmation of meeting)

Location: Berks County Agricultural Center—Rear Entrance (Auditorium)

1238 County Welfare Road, Leesport, PA 19533

All other Fridays, we have a **Meeting on the Air at 8 PM** on the W3BN Repeater.

VE Exams

ANNOUNCEMENT - RRC VE TEST SESSION

The Reading Radio Club has scheduled a **VE Test Session** on Friday evening **APRIL 8, 2022** to be held at the **Berks County Agricultural Center main auditorium starting at 6:00 PM.**

The Berks County Agricultural Center is located at 1238 County Welfare Road, **Leesport, PA.**

NOTE: MASKS NOT REQUIRED

We would prefer **pre-registration** for the test session. We would like to have the following information: Full name, Address, telephone number, e-mail address, call letters if any, FRN number, and test elements you wish to take. **The FCC now requires everyone to have an e-mail address and an FRN number.**

Please give your information to Harry Hoffman, W3VBY. My e-mail is harryhoffmanjr@juno.com or telephone 610-678-8976.

You will need one form of identification or copy of license. The cost for taking the test is \$15 and we prefer payment by check made out to ARRL/VEC. Exact cash payment is also acceptable.

The RRC General Meeting follows the test session at 7:30 PM, and everyone is invited to stay for the RRC General Meeting.

73 Harry W3VBY

Drez Says

Have you wanted to try a Software Defined Radio (SDR)?

You might have already done so and never realized that you did.

*“The Software-Defined Radio (SDR) concept was originally developed by the combined efforts of various research groups in the private and government organizations of the United States (US) in 1970s–1980s. The important ones to mention are the US Department of Defense Laboratory and a team at the Garland, Texas Division of E-Systems Inc. In 1991, Joe Mitola independently reinvented the term ‘Software Radio’ (SR) in cooperation with E-Systems as a plan to build a true software-based GSM transceiver (Mitola, Telesystems Conference, 1992). The SR platform essentially processes almost all the transceiver algorithms as software for a processor. This includes nearly all layers of transmission. However, an optimal implementation of physical layer is always challenging due to an enormous amount of mathematical computation. Over the period of time, many developmental changes occurred and an interesting feature of cognition was added to existing SDR platforms, thereby inventing the term ‘Cognitive Radio’. The main idea was to reduce over-sampling by the analog to digital converter, reduce on-chip processing and to target only the spectrum of interest. “***

**Hussain, W., Isoaho, J., Nurmi, J. (2017). The Evolution of Software-Defined Radio: An Introduction. In: Hussain, W., Nurmi, J., Isoaho, J., Garzia, F. (eds) Computing Platforms for Software-Defined Radio. Springer, Cham. https://doi.org/10.1007/978-3-319-49679-5_1

So much for the history of when this all started, the why was to reduce the manufacturing costs and have the ability of a small effective unit that would incorporate multiple functions.

You probably have a VHF/UHF HT that you can change frequency/power via either a keypad or a program on your computer, by definition that is a software defined radio. This is also the case of the HF transceivers that are on the market such as Xiegu G90.

There are also computer hardware add-ons that will allow you to augment your existing shack receive capabilities. These range from \$30 for an RTL-SDR dongle with RX from 500 kHz up to 1.75 GHz. Most software for the RTL-SDR is also community developed and provided free of charge.

It is worth noting that this sort of SDR capability would have cost hundreds or even thousands of dollars a few years ago. The RTL-SDR is also referred to as RTL2832U, DVB-T SDR, DVB-T dongle, RTL dongle, or the "cheap software defined radio".

There are now many other software defined radios, but they all come at a higher price. (Air spy (\$99-200) and [SDRPlay](#) (\$150-290)) There is also the [HackRF](#) (\$300USD) which can both transmit and receive.

The RTL-SDR can programmed as a wide band radio scanner. Applications include:

- Tracking aircraft positions like a radar with [ADSB decoding](#).
- Decoding aircraft [ACARS short messages](#).
- Scanning [trunking radio](#) conversations.

- Decoding unencrypted [digital voice](#) transmissions such as P25/DMR/D-STAR.
- Tracking and receiving [meteorological agency launched weather balloon data](#).
- Receiving wireless temperature sensors and wireless power meter sensors.
- Listening to VHF amateur radio.
- Decoding ham radio [APRS packets](#).
- Watching [analogue broadcast TV](#).
- [Sniffing GSM](#) signals.
- [Using rtl-sdr on your Android device](#) as a portable radio scanner.
- Receiving GPS signals and decoding them.
- Using rtl-sdr as a [spectrum analyzer](#).
- [Receiving NOAA weather satellite images](#).
- Listening to satellites and [the ISS](#).
- [Radio astronomy](#).
- Monitoring [meteor scatter](#).
- Listening to FM radio, and [decoding RDS information](#).
- Listening to [DAB broadcast radio](#).
- Listening to and [decoding HD-Radio \(NRSC5\)](#).
- Use [rtl-sdr as a panadapter](#) for your traditional hardware radio.
- Use rtl-sdr as a [high quality entropy source for random number generation](#).
- Use rtl-sdr as a [noise figure indicator](#).
- Reverse engineering [unknown protocols](#).
- Triangulating the [source of a signal](#).
- [Searching for RF noise sources](#).
- [Characterizing RF filters and measuring antenna SWR](#).
- [Decoding Inmarsat STD-C EGC](#) geosynchronous satellites.
- [Listening to the ISS](#) (International Space Station).
- Listening to amateur radio hams on SSB with LSB/USB modulation.
- Decoding digital amateur radio ham communications such as CW/PSK/RTTY/[SSTV](#).
- Receiving HF weatherfax.
- Receiving [digital radio mondiale shortwave radio](#) (DRM).
- Listening to international shortwave radio.
- Looking for RADAR signals like over the horizon (OTH) radar, and HAARP signals.

Want to try a Web-SDR using RTL-SDR? Google:

[K3FEF WebSDR in NE Pennsylvania](#)

This receiver consists of multiple RTL-SDR Ver.3 dongles fed from an HF LNA attached to a G5RV antenna located in Milford, Pennsylvania - Northeastern USA. operated by Michael - K3FEF and his XYL, Tanya - W3TKP.

You can join the K3FEF WebSDR Project Page on Facebook for chat, news and info related to this WebSDR,

73
AC3DI

IDEAS WANTED



YOUR INPUT IS WANTED!!!

The entertainment committee is interested in what programs and activities you'd like to see at the general meetings. We are considering different things including a possible antenna build, some kit builds, and other ideas.

This is **YOUR** club. Let us know what you're interested in. It does not have to be HAM Radio Related.

Please contact a member of the board (Addresses on front page of this bulletin), with your ideas.

From the Fundraising Committee:

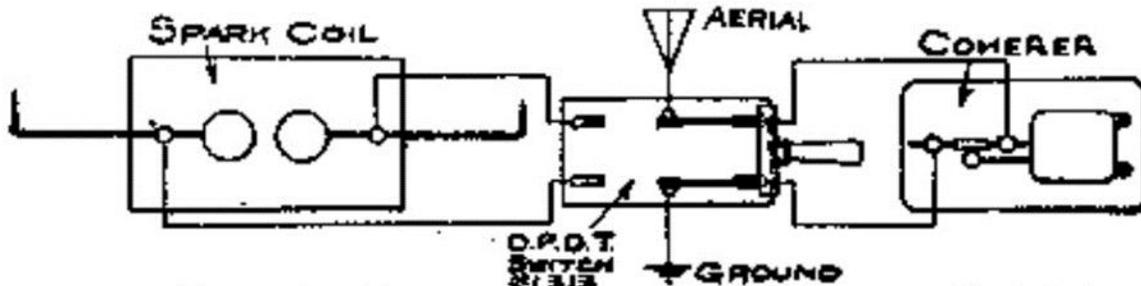
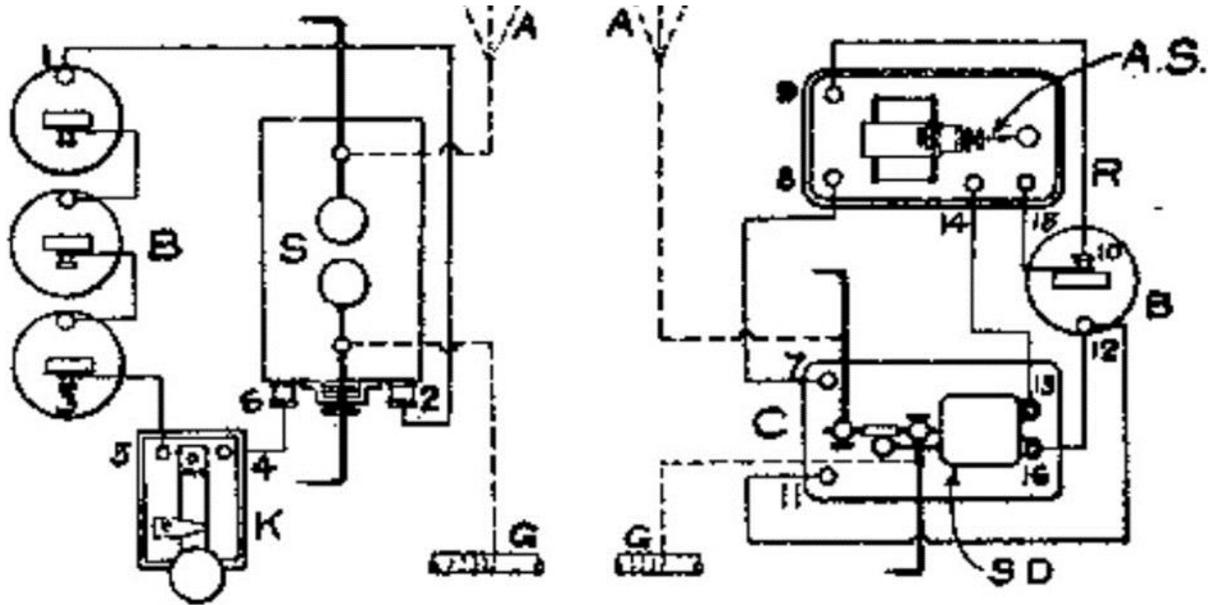


Amazon will donate 0.5% of the price of your eligible purchases to the Reading Radio Club

To sign up, go to AmazonSmile <https://smile.amazon.com/>. You will be prompted to select a charitable organization. Enter **Reading Radio Club**

or use the link <https://smile.amazon.com/ch/23-1660585>.

Bookmark the link and support us every time you shop! If you use the Amazon app, be sure to go into settings and enable Amazon Smile.



**PLAN OF WIRING FOR INTERCOMMUNICATION SWITCH
THROWN TO LEFT FOR SENDING, THROWN TO
RIGHT FOR RECEIVING.**

No.1086 Complete "Telimco" No. 2 \$8.50

May be shipped by Express or Freight to any part of the world.

Weight complete, boxed, 18 lbs. (1908)

Old Amateur Radio Call Books 1906 -1997

<https://leehite.org/callbooks>

Downloadable PDF files

73 – Lee – K8CLI

RON'S RAVINGS

by Ron Waszk, K3RJW

Well its been slow. I have not been able to get a room to hold an indoor fox. I do not like using rooms that I have used before. The hunt becomes boring to those that like to hunt. If anyone does know of a room, please let me know.

I WILL BE VERY BUSY during April. I will be the point of contact for the BOY SCOUTS at BLUE MARSH almost every weekend.

I will have my HF and FM gear there to show and tell and teach/demonstrate during the off hours if any of the scouts want to learn. I AM ASKING, if anyone is available during the weekends of 8 to 10 April, 22 to 24 April, and 29 April to 1 May, especially after supper time when they are done with their duties. Please hit me on the radio, or answer my CQ. I'm hoping to get an audience of Boy Scouts that want to talk, or just watch on the radio communications.

I must set up a SMOTA, but with my schedule, it is hard. AGAIN, if anyone wants to run a SMOTA, Joe or I can help with the roster, and the roll call. In fact, it would be GREAT if someone else could run it from their QTH. This would give us a way to see the coverage and who can hear on a simplex frequency from more locations.

Thats all I got for now. My mind is working on the April weekends. HOPE the weather warms up fast.

RON 73

PLEASE NOTE: The Reading Radio Club is now using Ham Club Online to help manage the club. The bulletin and other email messages may come from a new address.

We are also using the site to keep track of attendance, and events.

They use the latest encryption and are very secure. Nobody's information is public (other than what the FCC Records list).

If you have any questions, please contact Scott (kc3pcs@arrl.net) or Joe P. (Club President) at JFP0250@comcast.net.

New Amateur Radio License Applications Fee To Become Effective April 19, 2022

The FCC has announced that the \$35.00 License fee will take effect Tuesday, April 19th, 2022.

What does this mean?

Any application put in for a new ham, license upgrade, renewal, vanity will incur this fee. There is no fee to update your phone number, address, name with the FCC.

How do I pay the fee?

The FCC will email a link to pay the fee when they receive the application. The VE Team will not collect this fee. Our VE team only collects the 15.00 testing fee.

What happens if I don't pay the fee?

If you don't pay the fee within the required time (currently 7 days) of getting the link, your application will be dismissed. You're still required to pay the fee.

What happens if my vanity call sign or other application is denied after I pay the fee?

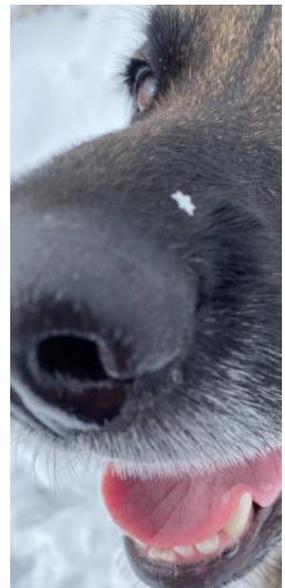
There are no refunds. If going for a vanity, be sure to list as many as you'd be interested in. Each application requires a new payment of the \$35.00 Fee.

The lighter Side

Sometimes, you just have to stop back and look at what nature can do.

These pictures, provided by Janine, K4AJZ, give a glimpse into snowflakes.

These snowflakes landed on her dog Luna and Janine captured them with her phone.



**COME CELEBRATE THE 100 YEAR ANNIVERSARY OF THE
READING RADIO CLUB AND AMERICAN RADIO RELAY LEAGUE AFFILIATION
FEBRUARY 17, 1922 TO FEBRUARY 17, 2022**

WHAT: A GRAND LUNCHEON

WHEN: Saturday, May 7, 2022, from 10:30 a.m. to 3:00 p.m.

WHERE: DoubleTree by Hilton, 701 Penn St., Reading, PA 19601-3510 DoubleTree: 610.375.8000
Hotel complies with ADA Guidelines.

PROGRAM:

- Festivities begin with registration and socializing at 10:30 a.m.
- Opening remarks at 11:40 a.m., followed at twelve noon for lunch.
- Additional remarks by our guests and socializing until 3:00 p.m.

LUNCHEON MENU INCLUDES:

- Salad, Rolls, Creamery Butter, Assorted Teas and Coke Products, Dessert of the day, and Coffee.
- Entrees: 1. Braised Brisket, 2. BBQ Chicken, 3. Mushroom Ravioli (Vegetarian).
- Sides: Roasted tri-color fingerling potatoes and a seasonal vegetable medley.

REGISTRATION:

- The cost is \$25 per person, (Gratuity and Tax included). The seating is limited to one hundred.
- Please register before Monday April 25, 2022.
- Complete the return section below and mail to:

**RRC 100TH
PO BOX 13777
READING PA 19612-3777**

- Your checks should be made payable to the: "READING RADIO CLUB"
- The DEADLINE for registration is MONDAY APRIL 25, 2022.
- Contact Rich Ahrens, W3WJC, at 610.929.8829 or W3WJC73@gmail.com for any questions.

ADDITIONAL INFORMATION:

- The recommended dress for this luncheon is "Business Casual."
- Please be sure to bring a mask to the luncheon in case they are needed on May 7, 2022.
- Parking is under roof and is free. Bring your parking ticket into the hotel for validation.

Join with your Amateur Radio friends in this once in a lifetime grand luncheon celebration

..... PLEASE PRINT RETURN BOTTOM PLEASE PRINT.....

NAME & CALL: _____ PHONE: _____

EMAIL: _____

ENTREE SELECTION: 1 – Braised Brisket 2 – BBQ Chicken 3 – Mushroom Ravioli Vegetarian

Please print the name and entree choice (1, 2, or 3) for each member in your group.

_____	_____
_____	_____
_____	_____

Total number of tickets at \$25 each: _____ Total amount enclosed: _____

Mail to: RRC 100TH PO BOX 13777 READING PA 19612-3777

Meeting Highlights

The March 2022 Meeting was held on March 11th @ 7:30 PM At the Berks AG Center

RRC MEETING HIGHLIGHTS MARCH 11, 2022

By: RRC Secretary Harry Hoffman W3VBY.

The Friday evening March 11, 2022 RRC General Meeting was held in the Main Auditorium of the Ag Center in Leesport, Pa.

1. Prior to 7:30 p.m. Jim Nicholas, W3ITH, was taking attendance and selling 50-50 tickets.
2. RRC President Joe Pietruszynski, AC3DI, called the meeting to order at 7:30 p.m. In attendance were 32 RRC members and 5 guests for a total of 37.
3. RRC President Joe Pietruszynski, AC3DI, led the group in the pledge to the American Flag.
4. The microphone was passed around and RRC Members and guests introduced themselves. The guests were: Bella Galiyano, Kermit Simon, K3KZM; Sharon Smith, Mrs. Jennifer Nash, and Mrs. Nancy Zechman,
5. RRC President Joe Pietruszynski, AC3DI, has an RRC Associate Member Letter for Henry Schott. KA3BMS. (Not present)
6. RRC President Joe Pietruszynski, AD3DI, presented Joel Fastow, K3JPF; and David Fix, N3AMY, with RRC Full Membership Letters. Congratulations!
7. RRC President Joe Pietruszynski, AC3DI, has an RRC Full Member Letter for Neil Espenido, KC3RYD. (Not present)
8. We have scheduled a VE Test Session on Friday evening April 8, 2022 starting at 6 p.m. at the Ag Center. We would like to have the following information: Full name, Address, telephone number, e-mail address, call letters if any, FRN number, and test elements you wish to take. Please give your information to Harry Hoffman, W3VBY. My e-mail is harryhoffmanjr@juno.com or telephone 610-678-8976. The cost for taking the exam is \$15. The RRC General Meeting follows the test session at 7:30 p.m., and everyone is invited to stay for the meeting. Note: a sign-up sheet is on the front table at tonight's meeting.
9. Ron Waszk, K3RJW, announced that FL-Digi meeting will be held the first Thursday of every month starting at 7:30 p.m. on the 146.91 repeater.
10. Ron Waszk, K3RJW, has no Pagoda Awards tonight.
11. Ron Waszk, K3RJW, spoke about Go Day at Blue Marsh the first weekend of June, 2022. It will take place at the Day use area near the beach. He would like to set up a station for the event.
12. Scott Scheirer, KC3PCS, talked about Fundraising and the "Amazon smile".

The York Hamfest will be held on April 30, 2022.

13. The 50-50 Drawing was won by Jeff Nash, KC3QLR.

14. Rich Ahrens, W3WJC, has ordered the RRC Jackets and they should be delivered in time for the April 8, 2022 RRC General Meeting.

15. Rich Ahrens, W3WJC, spoke about the 100 YEAR ANNIVERSARY OF THE READING RADIO CLUB AND AMERICAN RADIO RELAY LEAGUE AFFILIATION. A Luncheon will be held at the Double Tree by Hilton on May 7, 2022 from 10:30 a.m. to 3.00 p.m. The cost is \$25 per person. The seating is limited to one hundred. Checks should be made payable to the "READING RADIO CLUB". The deadline for registration is Monday April 25, 2022. Rich has registration forms and you can register tonight! You can contact Rich Ahrens, W3WJC, at 610-929-8829 or W3WJC73@gmail.com for any questions.

16. Our entertainment tonight was a video presentation "We Rediscover Spark Gap Radio". . . Out of curiosity the author purchased an arc lamp starter. The unit, a high voltage lamp sparker, produced and output of 7,000 volts with an input of 120 volts ac. The author repeated some early radio experiments using a spark gap transmitter, Coherer detector, and antenna wire. Spark gap transmitters were banned in 1934.

17. Our next RRC BOD Meeting will be held on Tuesday evening, April 5, 2022 by ZOOM starting at 7:30 p.m.

18. Our Next RRC General Meeting will be held on Friday April 8, 2022 at the Ag Center Main Auditorium starting at 7:30 p.m.

19. RRC President Joe Pietruszynski, AC3DI, adjourned the meeting at 8:19 p.m. for a time of fellowship and refreshments.

Get On
The Air



ANNOUNCING THE

2022 YORK HAMFEST



Sponsored by the York Hamfest Foundation
The Areas Oldest Continuous Hamfest, our 65th Year

SATURDAY, APRIL 30, 2022
8:00 AM TO 1:00 PM

ELICKER'S GROVE PARK

511 Roth Church Rd

Spring Grove, PA 17362

Easy access from York, PA or Hanover, PA

PLENTY OF FREE PARKING!

TAILGATING AND LIMITED UNDER COVER SPACES

- **TAILGATING SET UP AT 6 AM SATURDAY MORNING:** \$5 per 10' space, plus admission
- **GENERAL ADMISSION AT 8 AM**
 - \$5 per person
 - Children Under 16 FREE when accompanied by an adult
 - Unlicensed Spouses FREE
- **RAIN OR SHINE**
- **COMMERCIAL VENDORS ARE EXPECTED TO COLLECT & REMIT PA SALES TAX**
- **FREE VE TEST** – Registration starts at 10:30 AM – Testing at 11:00 AM
(Admission fees paid can be refunded upon registration for testing, full ticket and stub are required)
- **FOOD VENDOR WILL BE AVAILABLE**
- **CARD CHECKING FOR DXCC/WAS/VUCC/WAC**
- **DOOR PRIZES** (Don't have to be present to win grand prize)
- **FLUSH TYPE BATHROOMS ARE BACK**
- **VENDORS ARE NOT ALLOWED ON PREMISES PRIOR TO 5:00 PM FRIDAY THE 29th**

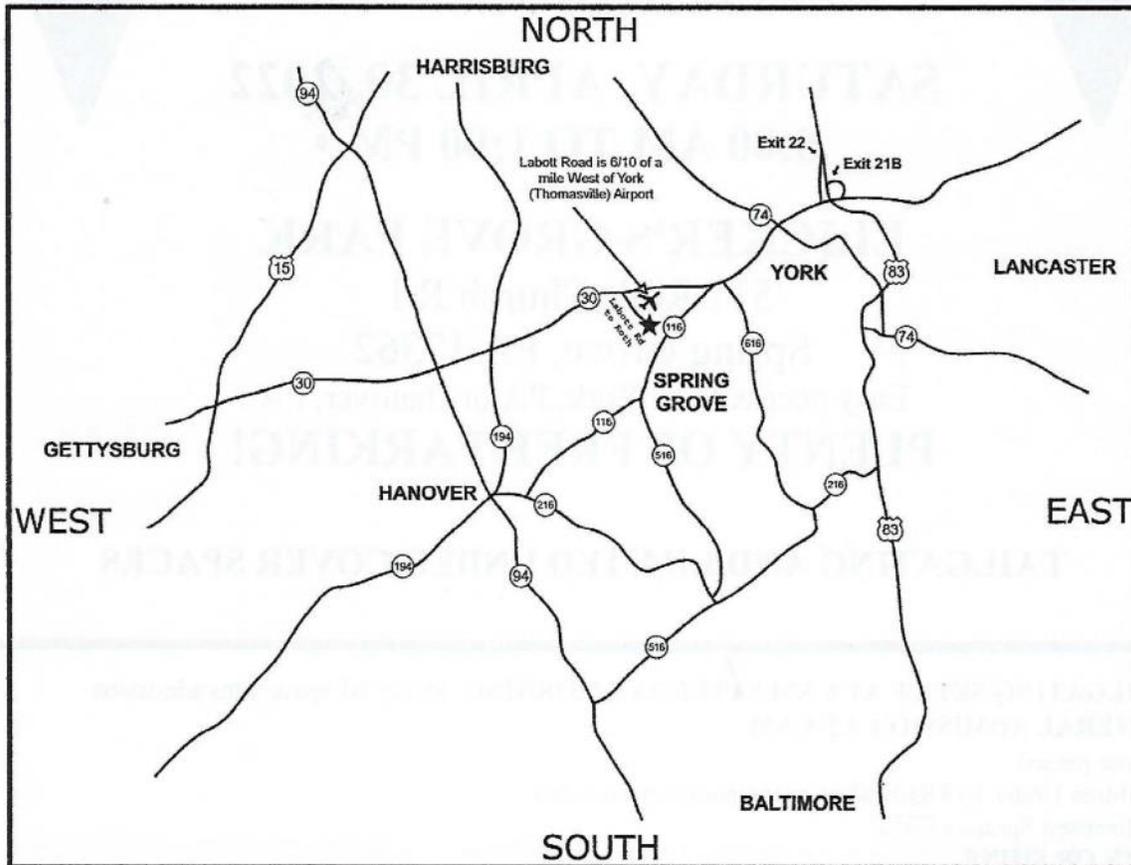
CHECK OUR WEBSITE FOR UPDATES: www.yorkhamfest.org
FOR GENERAL INFORMATION: duane.sterner@yahoo.com

TALK IN: W3MUM Repeater 147.330+600 PL:123.0
ALTERNATE: 146.580 Simplex

YORK HAMFEST

Elicker's Grove Park

511 Roth Church Road – Spring Grove, PA 17362



THIS MAP IS NOT DRAWN TO SCALE

Directions From Harrisburg:

- Take I-83 S toward York (21.3 miles)
- Take the PA-181 exit, Exit 22, toward US-30/Manchester (.2 miles)
- Turn right onto I-83 BR/PA-181 N. George Street and continue to follow N. George Street (.5 miles)
- Turn right onto Arsenal Road/US-30 W. (5 miles)
- Merge onto us-30 W/Lincoln Hwy toward Gettysburg (5 miles)
- Turn Left onto Labott Road (.8 mile)
- Continue onto Roth Church Road (.2 miles)
- Elicker's Grove Park is on the left.

Directions From Hanover:

- Start center square Hanover
- Proceed North East on Broadway PA (6.2 miles)
- Turn right on US-30 (5.8 miles)
- Turn Right onto Labott Road (.8 mile)
- Continue onto Roth Church Road (.2 mile)
- Elicker's Grove Park is on the left.

GPS

N39 54' 30.87" W76 52' 59.15"
39.9086223 -76.883134

Talk-In: 147.330+600 (ctcss 123.0 Hz)
Alternate: 146.52 Simplex

Directions From Baltimore:

Take I-83 N toward York and follow directions below from york

Directions From York:

- Traveling on 83 N, take Exit 21B and follow directions to Rt. 30W
- Traveling on 83 S, exit at Rt 30 W, Exit 22
- Coming from Lancaster take Rt 30 W
- Stay on 30 W toward Gettysburg (10 miles)
- Turn left onto Labott Road (.8 mile)
- Continue onto Roth Church Road (.2 mile)
- Elicker's Grove Park is on the left.

RRC MEETING ON THE AIR (RRCMOTA)

=====

By: Rich Ahrens, W3WJC (03.22.2022)

Check into the **RRC MEETING ON THE AIR** on the Friday evenings that we do not have an in-person meeting. The net, on 146.910 MHz, starts at 8:00 p.m. with the latest AMATEUR RADIO NEWSLINE REPORT from the West Coast.

FYI: AMATEUR RADIO NEWSLINE is the "Amateur Radio's independent on the air news and bulletin service" and is not a service of the American Radio Relay League.

We then have an exchange of information that may be of interest to the members of the Reading Radio Club as well as those that are not RRC members.

The last part of the net is a roll call where we usually have 13 to 56 stations check-in and test their two-meter FM analog equipment. The roll call is last, so that late comers are not missed.

NOTE: The **C**ontinuous **T**one **C**oded **S**quelch **S**ystem, (CTCSS) frequency is 131.8 Hertz (3B). The CTCSS is often referred to as "PL" (Motorola's trade name).

The net has been in operation since Friday January 21, 1994, when we had thirteen check-ins during that first session, over 28 years ago.

On Friday March 25, 2022, we had session number 1191. Dave Wiley, K3MXS, was the Net Control.

The next RRCMOTA will be on Friday April 1, 2022, starting at 8:00 p.m., on the Reading Radio Club's 146.910 MHz, W3BN analog repeater.

Rich Ahrens, W3WJC, will be the Net Control for session number 1192.

NOTE: The next in-person RRC meeting is scheduled for Friday April 8, 2022, (Second Friday of the month), starting at 7:30 p.m., at the Berks County Agricultural Center, in Bern Township. RRC members and non-members are invited to attend.

Put the following address in your GPS device or GOOGLE MAPS:

1238 County Welfare Road Leesport PA

BRING YOUR MASK JUST IN CASE THEY ARE REQUIRED

Stay tuned to the RRC 146.910 MHz, W3BN Repeater. The meeting location could be changed at the last minute, because of proposed construction at the Ag Center.

Everyone, RRC Members and those that are not members, are invited to tune in and check into the,

READING RADIO CLUB MEETING ON THE AIR

=====

Tune In Weekday mornings to the W3BN Repeater from 6 am until about 7 am for our informal morning group. We've been dubbed the "Sunrise Crew". Everyone is welcome to join in. No net control. We just have a nice roundtable discussion of different topics.

Be sure to also tune in to the ARES/RACES net on Monday night on 147.18 at 8 pm and QCWA net on the W3BN Repeater at 9 pm.

Don't Forget the 3/7/10 Initiative started by Rich Ahrens. Hop on the repeater at those times and see who is on. No net control, just friendly chat.

50 YEARS AGO IN THE RRC - MARCH 10, 1972

=====

By: Rich Ahrens, W3WJC, RRC Historian (03.23.2022)

The officers serving the Reading Radio Club, Inc. in Mar. 1972 were:

- President - Duane Redline, W3UQH (Not a BOD member).
- Vice President - Bob Plummer, W3ETJ/W3RP (Not a BOD member).
- Secretary - Al Brailer, W3UQC, (SK) (A BOD member).
- Treasurer - Charlie McCreary, K3DTD, (SK) (Not a BOD member).

RRC Board Members serving the RRC in Mar. 1972 were:

- Bill Ader, WA3GTR (SK) Russ Frederick, W3CDS (SK)
- Rich Ahrens, W3WJC John Freeman, K3CBE
- Gerry Baldauf, W3WX (SK) Art Gantert, W3OLG (SK)
- Al Brailer, W3UQC (SK) Bob Wagner, W3GII (SK)
- Frank Esseluhn, K3MGO (SK)

The Editor of the April 1972 READING RADIO CLUB BULLETIN was William "Bill" Ader, WA3GTR, (SK).

The following is, in a large part, the republishing of the "Highlights" of the March 10, 1972, monthly meeting taken from the April 1972 issue of the RRC BULLETIN, and written by the RRC Secretary Al Brailer, W3UQC, (SK). Other information has been added that has been taken from the RRC BULLETIN, personal notes, and meeting agendas.

The Friday March 10, 1972, monthly meeting was held at the UGI "Flame Room" auditorium on Route 10.

RRC President Duane Redline, W3UQH, opened the meeting at 8:00 p.m.

There were RRC members, prospective new members, and guests in attendance, for a total of thirty-five.

Rian Robison, W3EMW, was the winner of the door prize.

A sign-up sheet for the April 14, 1972, dinner was passed around. The dinner will be at the Lincoln Restaurant on route 183, north of Reading. The entrée choice is fried chicken and/or Berks County ham, both served family style. The price of the meal is \$5.00 per person. The business meeting will start at 7:00 p.m. with the meal being served at 7:30 p.m. The following 31 RRC members plan to attend the dinner.

- | | |
|----------------------------------|----------------------------------|
| Bill Ader, WA3GTR & XYL | Hottenstein, W3DEJ & XYL |
| Rich Ahrens, W3WJC & XYL | Charlie McCreary, K3DTD & XYL |
| Al Brailer, W3UQC | Russell Nagel, WA3BHF & XYL |
| Charlie Brownmiller, K3PCX & XYL | Bob Plummer, W3ETJ / W3RP & XYL |
| Ken Creager, K3KBG & XYL | Duane Redline, W3UQH & XYL & Son |
| Leroy Flamm, K3MNI & XYL | Jim Stamm, WA3KBH & XYL |
| Art Gantert, W3OLG | Norm Van Ray, WA3RTYL |
| Lloyd Hartman, K3RQL & XYL | Don Yeich, W3DMM & XYL |
| Lester Hoffman, WA3LOY & XYL | |

Secretary Al Brailer, W3UQC, reported that the RRC Annual Affiliated Club Report was mailed to the American Radio League, (ARRL).

Lloyd Hartman, K3RQL, Chairperson of the RRC TVI Committee reported on three local problems involving Channel 3 and Channel 6. These problems were satisfactorily resolved.

RRC President Duane Redline, W3UQH, called attention to the Annual Membership Roster published in the March 1972 issue of the RRC BULLETIN, on page 4 thru page 8. Duane suggested that you save the roster, which might come in handy, when making local VHF contacts. He also said to contact Rich Ahrens, W3WJC, for any needed corrections.

Rich Ahrens, W3WJC, handed out a tabulation of RRC membership totals from 1958 to 1972. These totals, for the most part, were as of March or April of each year. During this ten-year period, the RRC membership was as high as 150 members. Below is what it looked like:

1958 - 95 Members	1963 - 130 Members	1968 - 124 Members
1959 - 95 Members	1964 - 121 Members	1969 - 106 Members
1960 - 95 Members	1965 - 123 Members	1970 - 89 Members
1961 - 100 Members	1966 - 127 Members	1971 - 76 Members
1962 - 125 Members	1967 - 129 Members	1972 - 67 Members

Rich, W3WJC, pointed out some important dates. July 1963 was the first Meeting at the RRC Club Building #437, at the north end of the Reading Municipal Airport.

During January 1970, the Reading Radio Club was informed that they had to vacate the building and that the building would be demolished.

The property and adjoining acres would be sold to MetEd. The local power company was to construct a new MetEd secure electrical network control facility, along with office space. **NOTE:** This is now the Directlink Technologies Building.

President Duane Redline, W3UQH, said that at least thirty-one stations have been heard on the RRC 6 Meter repeater. Duane said that the input frequency is 52.575 MHz and that the output is now 52.680 MHz.

Ed Arts, WA3APN, read ARRL Bulletin Nr. 363, March 2, 1972, that was of importance to the Amateur Radio Community. The first few sentences are reproduced here: "The Electronic Industries Association, an organization of manufacturers, seeks to have the FCC withdraw the frequencies 220 to 220 MHz from Amateur use to create a new citizens band."

The guest speaker for the evening was Mr. John W. Wilson, K2BW, Territory Manager of the E. F. Johnson Company. Mr. Wilson had a very good collection of Johnson's new electronic components manufactured for the industry and for Amateur Radio use. He also had slides that took us on a tour of the various manufacturing facilities, at the main plant in Minnesota, and the newly acquired manufacturing plant in Florida.

President Duane, W3UQH, said that the Friday April 14, 1972, meeting would be held at the UGI Building on Route 10. The monthly RRC meeting starts at 8:00 p.m.

Reading Radio Club President Duane Redline, W3UQH, adjourned the meeting, for a time of fellowship and a chance to get to know some of the new Reading Radio Club members.



Reading Radio Club
March 10th, 1972



Please note: Ads placed here will run for 2 bulletins unless you let the editor know you still want them posted, deleted, or changed.

Got something for us to put in here? Please email it to kc3pcs@gmail.com



For Free-Must Remove.
TV antenna tower located in Mt. Gretna.
Must be removed at no cost by a certified, insured antenna person.
See photos, it is close to houses.



Call 610-914-2283.

FREE KLH DVD/CD player with special features: Frame stepping, Zoom (magnify scene), and go to a specified time from beginning. I have manual and remote.

One minor glitch, when the disc drawer opens, turn off power via switch on panel, insert or remove disc, then turn power back on. Note: Drawer does not stay open.

Contact jaugustinen3aof@gmail.com or 610 929-885



Free to a good home.

Interested parties, please contact Joel Berish (WB3ADK) at berishjoe@gmail.com



Or

610-823-9218

Please Note: The Editors and/or RRC are not responsible for items listed on this page.

Descriptions & Pictures are supplied by the Seller.

Membership Statistics

Send all license and mailing address changes to:
 RRC Treasurer Nate Rosenthal, N2ADD, at NateØ1PA@comcast.net or N2ADD@arrl.net
 Please let us know if you upgrade your license. Email to Scott, KC3PCS, and Lori at
 KC3PCS@gmail.com with updates.

By: Rich Ahrens, W3WJC - RRC Historian

(03.20.2022)

STATS AS OF APR. 1, 2022

Full Voting Members: 74

Associate (Non Voting) Members: 12

Supporting (Non Voting) Members: 2

Total: 88

1/4 of Full Voting Members
 required for a quorum. (18)

39 RRC voting FULL members, are members of the ARRL (56%).

To be a "Local Amateur Radio Club" affiliate of the ARRL, 51% of the voting members must be FULL or Associate members of the ARRL. Note: This is the club's voting members, (Full Members). Not necessarily the total membership.

"Life Member"

Harry Hoffman, W3VBY

By RRC BOD action on November 10, 2020.

"Honorary Membership for Life"

Jim Nicholas, W3ITH

By RRC BOD action on December 8, 2009.

"Life Member"

Rich Ahrens, W3WJC

By RRC BOD action on June 6, 2006.

88 = Total RRC membership as of Apr. 1, 2022

79 = Apr. 2021	97 = Apr. 2010
85 = Apr. 2020	99 = Apr. 2009
84 = Apr. 2019	101 = Apr. 2008
80 = Apr. 2018	108 = Apr. 2007
77 = Apr. 2017	113 = Apr. 2006
73 = Apr. 2016	117 = Apr. 2005
79 = Apr. 2015	118 = Apr. 2004
79 = Apr. 2014	124 = Apr. 2003
82 = Apr. 2013	124 = Apr. 2002
88 = Apr. 2012	120 = Apr. 2001
90 = Apr. 2011	120 = Apr. 2000

There were 193 Members in 1978

Extra Class:	36	41 %
Advanced:	6	7 %
General:	23	26 %
Technician:	21	24 %
Novice:	0	0 %
No License:	2	2 %

May not total 100% due to rounding.

Data may not be up to date.

Checked FCC for upgrades Sep. 4, 2021,
 by Rich Ahrens, W3WJC.

APRIL 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 MOTA (8 pm)	2
3	4 ARES/RACES (8 pm.) 147.18	5 Board Meeting - 7:30 PM—Zoom	6 QCWA Break- fast 9:30	7 Digi Net 146.91 7:30 PM	8 General Meeting 7:30 PM Ag Center	9
10	11 ARES/RACES (8 pm.) 147.18	12 Board Meeting - 7:30 PM—Zoom	13	14	15 MOTA (8 pm)	16
17	18 ARES/RACES (8 pm.) 147.18	19	20	21	22 MOTA (8 pm)	23
24	25 ARES/RACES (8 pm.) 147.18	26	27	28	29 MOTA (8 pm)	30

PLEASE NOTE:

April 5th, 2022—7:30 PM — Board Meeting— ZOOM

April 6th, 2022— 9:30 AM QCWA Breakfast—Berkshire Family Rest (1714 State Hill Rd)

April 8th, 2022—7:30 PM — Club Meeting— AG CENTER (and streaming online)

On the Fridays, that we do not have an in-person meeting we will have a "Reading Radio Club Meeting On The Air" (RRCMOTA) on the RRC 146.910 MHz repeater starting at 8:00 p.m. The CTCSS is 131.8 Hz.

April Birthdays: Steve Sobota, K3ALV; David Wiley, Jr, K3MXS;
Suzanna Abramowicz, NZ3G; Harris Upham, KC3PBI; James McTish Jr, KC3BZB;
James Nicholas, W3ITH; Peter Nicholas Jr, WA3EJN; Matthew Adamitis, Jr, KC3DDY

=====
The PRIMARY purpose of The Reading Radio Club Bulletin, is to provide, to the membership, timely information about the activities of the Reading Radio Club, Inc.

IN ADDITION, the RRC BULLETIN provides an easily searchable and accurate historical record. The RRC strongly recommends membership in the American Radio Relay League (ARRL) as well as membership in a local Amateur Radio Club. The READING RADIO CLUB BULLETIN is copyright © 2022 by the Reading Radio Club, Inc. Opinions expressed in the RRC BULLETIN are those of the writers and do not necessarily reflect the opinions of the Reading Radio Club, Inc, the RRC BOD, or the RRC membership. Material from this RRC BULLETIN may be reproduced in whole or part, without Additional permission, if credit is given to the READING RADIO CLUB BULLETIN and the authors.

=====
April 1st, 2022 - EMAIL VERSION STARTED ON FEBRUARY 10, 1998.
CIRCULATION: Most RRC & Select Non RRC Members, Other Clubs
THE FREQUENCY OF PUBLICATION IS MONTHLY.
=====



Deadline for all bulletins is the 25th of the prior month. However, earlier is better. Please submit to kc3pcs@gmail.com. ** Please note that the editors reserve the right to accept, change, reject anything submitted for the RRC Bulletin.