



READING RADIO CLUB BULLETIN

Volume 55 Nr. 08 Aug. 2, 2017

W3BN

W3CCH

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THIS BULLETIN IS DESIGNED TO BE
READ DIRECTLY OFF YOUR DISPLAY

Rich Ahrens, W3WJC, Editor

THE "RRC BULLETIN" IS PUBLISHED MONTHLY

**DEADLINE FOR THE NEXT ISSUE IS
SATURDAY SEPTEMBER 2, 2017**

Please send input by email W3WJC73@gmail.com

The Editor does not accept telephone dictated articles

If you have not already done so, now would be a good time to add the following email address to your address book, contact list, white list, safe list, safe sender list, or whatever your ISP provides:

W3WJC73@gmail.com

**The next issue of the "RRC BULLETIN" is scheduled to be
emailed
on or about Wednesday September 6, 2017**

ADDRESS CHANGES

If you change your United States Mail address, please inform the RRC Treasurer Nate Rosenthal, N2ADD, at NateØ1PA@comcast.net or N2ADD@arrl.net

PLEASE NOTE:

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The "RRC BULLETIN" is available each month
on the official RRC WEB PAGE at:

readingradioclub.org

Dave Schearer, K3BN, is the RRC Web Master

DSchearer@enter.net

Dave, K3BN, designs and maintains the RRC Web page.

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- =====

RRC MONTHLY MEETING

FRIDAY AUGUST 11, 2017

Starting at 8:00 p.m.

JEFF PARDO

" ORBITS 101 "

Jeff's presentation is a tour of the heavens, from the perspective of a telecommunications satellite, showcasing a startling compendium of orbital factoids, while unraveling cosmic conundrums and expounding upon all manner

of mysteries of the firmament.

Jeff promises to do this without juggling sharp objects,
flaming pins or mathematical equations.

Jeff is well qualified for this presentation as he holds physical
science and engineering degrees. Over the last 35 years
Jeff has been involved with flight dynamics,
within the telecommunications industry.

Jeff's outlook on life can best be described as one of
philosophical whimsy, with an engineer's affinity for details.

This will be a very interesting presentation, plan on attending
and bring a friend

At the Berks County Agricultural Center

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To find the Berks County Agricultural Center, **1238 COUNTY WELFARE ROAD, LEESPORT, PA** 19533-9705, (Bern Township). Go north on Route 183 out of Reading, pass the Reading Regional Airport, continue about a mile to the traffic light controlled exit intersection and take a LEFT at "W. LEESPORT RD" (A CVS is on the northwest corner). Pass the "BERN EVANGELICAL LUTHERAN CHURCH" on your right. Then take the RIGHT at the next "STOP" sign (County Welfare Road). Go about a mile; the Berks County Agricultural Center is on your LEFT. Use the entrance at the front of the building. After entering the building, you will take a RIGHT, then descend a short flight of steps, and enter the back of the main first floor auditorium where the Reading Radio Club monthly meetings are held. The phone number for the Ag Center Security Center is 610.373.0776 Ext. 2538.

For GPS, use the address for the Berks County Agricultural Center

**1238 COUNTY WELFARE ROAD, LEESPORT, PA**

#### **RRC MEMBERSHIP CARDS**

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By: Nate Rosenthal, N2ADD - RRC Treasurer (07.16.2017)

The Reading Radio Club does not automatically supply membership cards to members who renew their membership in the club.

If you renew in person you can ask for a card at that time.

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If you renew by mail you must include an SASE with your renewal form and payment if you wish a membership card to be mailed to you. Alternatively, you can ask for a card the next time you attend a Reading Radio Club meeting.

If you are not sure about your membership status, send email with your name and call to N2ADD@arrl.net and I will reply.

**FOX HUNTING IN THE READING RADIO CLUB**

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By: Ron Waszk, K3RJW (07.17.2017)

At the Friday July 14, 2017, RRC monthly meeting, the RRC BULLETIN Editor, Rich Ahrens, W3WJC, asked me to write an article about transmitter hunting – Known in the Amateur Radio community as FOX HUNTING.

This is Ron Waszk, K3RJW, I joined the RRC in February 2017, and I am trying to get Fox hunting going again in the Reading Radio Club.

I learned that the RRC used to have Fox Hunts on a regular basis during the summer months, but had discontinued the Hunts due to the lack of interest and the deaths of many of the outstanding legendary Reading Radio Club Fox Hunters and Fox Hiders.

Well I am here to try to get the Hunts back up and running. I and a close friend Glen Mohler, AB3TQ, who has been my Elmer, have about five Foxes for different VHF and UHF bands. Foxes come in many sizes and different power output levels. This makes some transmitters more suitable for an initial driving hunt and other transmitters for follow-up on foot Fox Hunting.

Glen, AB3TQ, and I are willing to get this fun training adventure started again by hiding the transmitter for the first hunt of the season.

We would pick a Saturday morning, at a monthly meeting, and have it announced on the RRCMOTA every Friday and see how many would be interested. The hunters would assemble at the traditional RRC starting point, the William Penn Fire Tower on Mount Penn, at the designated starting time.

At the July 14, 2017, monthly RRC meeting we had interest in having a Hunt, and I had only mentioned it to see if there was any interest.

Fox Hunts are more than just a fun activity. They are practice for finding illegal Ham Radio operators, and others, at their location by triangulating their signal using our radios.

Recently the RRC 146.91 MHz, W3BN, repeater was having noise problems. There were a few of us that thought this might be someone interfering with the Reading Radio Club Meeting On The Air (RRCMOTA), and the Monday evening QCWA Net.

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Of course, we were wrong, but it could have very well been a "Keyer."  
I borrowed a YAGI antenna in case I could get started on finding the  
source of the suspected illegal transmission. It turned out that it was  
atmospheric conditions (As in electrical storm), that was raising havoc  
at the W3BN Deer Path Hill repeater site.

Let us see if we can get Fox Hunts going again in the RRC.

Please contact me if you are interested in getting involved in some 2  
Meter fun Transmitter Hunts, my email address is polishpici@aol.com

**RRC SUMMER PICNIC - SATURDAY JULY 8, 2017 - EPILOG**

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By: Jim Nicholas, W3ITH, Co-Chairperson & Scribe (07.09.2017)  
Art Becker, KB3LDI, Co-Chairperson  
Harry Hoffman, W3VBY, Co-Chairperson

The RRC 2017 Summer Picnic was held on Saturday July 8, 2017, at  
the Heritage Park's Freight Train Station in Sinking Spring again this  
year. There may be more scenic locations around the county, but for  
convenience, the location is excellent. A nice kitchen with all of the  
appliances found at home, his and her rest rooms, plenty of parking  
and a handicapped-accessible rain or shine building all add to the  
location's desirability.

The main menu was provided by the RRC. It included hamburgers, hot  
dogs, American cheese, rolls, potato salad, mustard, ketchup, chips,  
pretzels, sodas, ice, napkins, knives, forks, spoons, and tablecloths.

Picnickers brought side dishes and desserts. So needless to say, there  
was plenty to eat. Chefs Art Becker, KB3LDI and Jim Nicholas, W3ITH,  
used five stove cooking pans and a microwave oven simultaneously in  
order that we all could dine at the same time. Thanks to Elaine Wiley,  
XYL of Dave, K3MXS, for scrubbing the pans!

The RRC 146.91/.31 MHz (CTCSS tone 131.8 Hz) repeater was  
monitored as was as cell phone 610.781.5508 during the event. Two  
meter contacts were made, but luckily no one got lost. The group  
formed up at about 11:00 a.m. The weather cooperated, and the  
thermometer hovered in the eighties, but a breeze made the afternoon  
very pleasant. Interesting conversations followed lunch, and by 3:00  
p.m. the group cleaned up and went their separate ways.

Thanks to all who participated and extra thanks to those who brought  
items to share with the group. The list of those who attended is shown  
below.

1. Art Becker, KB3LDI
2. Mary Ann Becker, XYL Art
3. Ray Bostard, KC3HRX
4. Karen Bostard, XYL Ray
5. Don Boulanger, WA1ELA
6. Jim Doman, N3PRJ
7. Dennis Goodling, N3JRW
8. Harry Hoffman, W3VBY
9. Lydia Hoffman, XYL Harry
10. Jim Nicholas, W3ITH
11. Nate Rosenthal, N2ADD
12. Phil Santoro, W3WNZ
13. Kim Santoro, XYL Phil
14. Cal Wagner, KA3HYC
15. Fran Wagner, KB3GBB, XYL Cal
16. Ron Waszk, K3RJW
17. Brad Wegman, KC3HKR
18. Dave Wiley, K3MXS
19. Elaine Wiley, XYL Dave
20. Mike Wingert, KB3LDE
21. Anna Wingert, XYL Mike

**"FRIENDS HELPING FRIENDS" RRC FUND RAISING PROJECT**

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By: Rich Ahrens, W3WJC

(07.01.2017)

**RRC MEMBERS AND OTHERS**

**SHOPPING PASSES WILL BE AVAILABLE  
FOR PURCHASE AT THE RRC HAMFEST  
AUGUST 5, 2017**

For over 20 years, Boscov's Department Stores have sponsored what they call "Friends Helping Friends" event to financially support non-profit organizations, (501(c)(3), and community agencies.

Last year in 2016, the RRC, on short notice, participated in this fund raising event. The membership effort raised a modest \$160 for the Reading Radio Club.

The way this program works is that the non-profit organizations, sell "SHOPPING PASSES" for \$5 each. The "SHOPPING PASS" entitles the holder to a 10 to 25 percent discount, on regular priced as well as sale items, at Boscov's on Tuesday October 17, 2017. The \$5 goes directly to the organization's treasury. There are also prizes, refreshments, and entertainment at the Boscov's stores on Tuesday Oct. 17, 2017.

This is a win-win-win, Boscov's of course wins with additional store traffic, the holders of "SHOPPING PASSES" win with discounts of up to 25%, and the Reading Radio Club wins with \$5 per "PASS" sold.

So how do you get involved?

The RRC Fund Raising Committee consisting of Jim Nicholas, W3ITH, Charity Evans, KC3HKU, Rich Ahrens, W3WJC, and Corinne Ahrens, have 200 Boscov's "SHOPPING PASSES" for sale. If each RRC member would purchase three passes, this would bring in a substantial amount of cash to augment the RRC income and reduce the pressure for a dues increase. (The last RRC dues increase was in 1996).

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Will this cost you \$15, not necessarily, you can sell the three "PASSES" to others and reduce your cost to zero. Maybe you are a super salesperson and can sell more than just three "PASSES".

Remember, over the years, all your friends and acquaintances, that you assisted by purchasing items and financially helping neighborhood fund raising activities.

To purchase "SHOPPING PASSES" contact or come to the August 11, September 8, or October 13 monthly meetings.

Jim, W3ITH, at JNich26772@aol.com  
610.678.9243  
2 Mellowbrook Dr., Reading 19608

Charity Evans, KC3HKU, at EagerLabAssistants@gmail.com  
610.223.3371  
2669 Shillington Road, Apt 152, Reading, PA 19608

Rich, W3WJC, and Corinne at W3WJC73@gmail.com  
610.929.8829  
771 Beach St., Reading 19605

The "SHOPPING PASSES" can be used at any Boscov's store.

A few RRC members will be staffing a table at Boscov's North, selling "SHOPPING PASSES", on Tuesday October 17, 2017.

In closing, let me say that the RRC Fund Raising Committee has investigated over a dozen fund raising programs. This Boscov's "Friends Helping Friends" program produces the best returns for the effort and time expended by the members of an organization. This is an opportunity for **ALL** Reading Radio Club Members to pitch in and make it a real team effort.

### **A SHORT PRIMER ON PRIVATE LINE (PL)**

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By: Nate Rosenthal, N2ADD (07.04.2017)

Most amateurs who operate on 2 Meter, 220 MHz, and 440 MHz repeater systems have heard the term "PL". If you are new to the hobby and not sure what these Amateurs are talking about, read on.

PL is Motorola's trademark for what is called Continuous Tone Coded Squelch System (CTCSS). Like Scotch tape and Kleenex tissues, it has come into general use to describe CTCSS.

In the CTCSS system, a "sub audible" tone is transmitted along with the voice audio. This tone has a frequency from just below 70 Hz to around 250 Hz. In a perfectly setup system, a high pass filter keeps the tone out of the audio you transmit and its modulation index is about 0.5.

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In the beginning of repeater operation, most of them used commercial equipment that may have had the PL circuitry installed. Most of the radios used by amateurs did not have PL so the system was not used much until the popularity of repeaters led to repeaters on the same frequency causing interference even though both of them were coordinated properly.

The receiver at the repeater includes circuitry that responds to the transmitted tone, opens the squelch, and allows the transmitted signal to pass through to the transmitter. If there is no tone or the frequency is not correct, the squelch is not opened and your signal is not re-transmitted. This is often called "Transmit PL".

In the Motorola system, the user's radio receiver also has the same circuitry. In order to hear the signal, your radio must receive the correct tone to open its squelch and pass the signal through to the audio amplifier. This is often called "Full PL".

For Full PL to work properly, the tone must be present any time the repeater is transmitting. In some systems, only the other user's tone is passed through the repeater. In this case, if your radio is set for Full PL, the audio will drop when the other user stops transmitting. You may not hear the courtesy tone or the repeater ID.

Note that users who do not have Full PL capability will still be able to hear the repeater output and will be able to access the repeater IF they have Transmit PL capability.

**RRC HAMFEST SATURDAY AUGUST 5, 2017**

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|                                        |              |
|----------------------------------------|--------------|
| By: Jim Nicholas, W3ITH                | (06.30.2017) |
| and RRC Secretary Harry Hoffman, W3VBY | (06.12.2017) |

The Reading Radio Club's 2017 Hamfest will be held at Heritage Park in Sinking Spring on Saturday August 5, 2017.

Vendors may arrive at 7:00 a.m. and the event officially opens at 8:00 a.m. for buyers.

Last year, we had over 100 vehicles to accommodate, and over 206 persons attended.

The RRC Café in the Freight Station will provide breakfast and lunch items for a nominal fee. Coffee, soda, bottled water, breakfast sandwiches, pastries, hot dogs, and Klondike ice cream bars will be served to the many Hams, their spouses, and friends by Mary Anne Nicholas, N3TVT, Jim Nicholas, W3ITH, and Alex Nicholas, daughter of Mary Anne, N3TVT, and Jim Nicholas, W3ITH



The RRC will have Amateur Radio items on display for sale in the Freight Station. Some items were donated to the RRC during the past year and some are estate items for sale.

Hams wishing to try out equipment will be able to use a test bench in the Freight Station that includes power supplies, a dummy load, coax, connectors, and antennas.

As usual, we will have ARRL door prizes to give to lucky winners. All you have to do to try to win is drop off your ticket stub in the door prizes box in the Freight Station. As the morning progresses, we will call out the winning ticket stub numbers.

We thank the ARRL for these prizes. The RRC Hamfest, of course, is an ARRL sanctioned Hamfest that is listed in the ARRL QST Magazine in the July Conferences and Hamfest section.

Harry Hoffman, and his Reading Radio Club VE Team, will be expertly administering VE tests at the event, starting at 8:30 a.m.

The Hamfest officially ends at noon but sales always continue past that time. Last year, we saw license plates from New York, Delaware, New Jersey, Maryland and of course, our own state of Pennsylvania.

The RRC is always looking for members who would like to help out at the Hamfest. If you would like to lend a hand, even for an hour or so, call Jim Nicholas, W3ITH at 610.678.9243 or email at [jnich26772@aol.com](mailto:jnich26772@aol.com)

### **ADDITIONAL DETAILS FROM HARRY HOFFMAN, W3VBY, ON THE NEXT PAGE**

**LOCATION:** Heritage Park, Sinking Spring, Pennsylvania.  
Off routes 422 and 724.  
Look for signs.

SINKING SPRING, PENNSYLVANIA (Reading area)  
READING RADIO CLUB HAMFEST  
Heritage Park, Sinking Spring, PA. West on Route 422,  
at Route 724, after one mile left on Park Avenue  
(Just past the Sunoco gas station on the right), take  
the left onto Park Avenue for 0.3 miles to the dead end,  
take the left onto Clematis Street,  
then 0.2 miles to the entrance to Heritage Park.  
Look for signs.

The closest address to the Heritage Park entrance is:  
992 Clematis Street, Sinking Spring, PA 19608)

GPS: N 40 deg 19.320 min W 076 deg 01.950 min

Website: <http://readingradioclub.org>

Sponsor: Reading Radio Club, Inc.

Type: ARRL Sponsored Hamfest

**TALK-IN:** 146.91/.31 MHz - CTCSS 131.8 Hz

**OPENS:** At 8:00 a.m. - Vendors at 7:00 a.m.  
(Ticket prizes awarded at intervals).

**COST:** \$5.00 entrance fee or \$8 tailgate fee for sellers (per space).

NO ENTRANCE FEE for: those taking license exams,  
Radio Amateurs under 18 years of age,  
unlicensed spouses, and children under 18 years of age.

Handicap Accessible Rest Room facilities and refreshments available  
inside the Freight Station.

Test Bench with limited AC power and HF antenna provided  
near the Freight Station.

ARRL VE License Testing at 8:30 a.m. (Inside the Freight Station).  
Cost is \$15.00. We prefer a check made out to the "ARRL/VEC"

Please bring at least one form of ID.  
A copy of your Amateur Radio License or CSCE is sufficient.

Public Contact: Harry Hoffman, W3VBY  
104 Evans Avenue, Sinking Spring, Pennsylvania 19608-1318  
Phone: 610.678.8976  
Email: HarryHoffmanJr@juno.com

**RRC MEETING HIGHLIGHTS - FRIDAY JULY 14, 2017**

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By: RRC Secretary Harry Hoffman, W3VBY 07.29.2017)

The Friday evening July 14, 2017, RRC monthly meeting was held at  
the Berks County Agricultural Center Main Auditorium, in Bern  
Township, Pennsylvania.

1. Prior to 8:00 p.m. Walt Horn, W3OKX, was managing the sign-in log and selling 50-50 tickets.
2. RRC President John Engle, AB3SR, called the meeting to order at 8:04 p.m. In attendance were 19 RRC members and five guests for a total of twenty-four.
3. RRC President John Engle, AB3SR, led the group in the pledge to the American Flag.
4. The guests and members introduced themselves using the wireless microphone. Our guests were:

|                     |                          |
|---------------------|--------------------------|
| Alan Harris, KC3JLJ | Aidan Schlegel, KC3JLI   |
| Jim McTish, KC3BZB  | Ronald Wonderlick, W3RRW |
| Glenn Mohler, AB3TQ |                          |

5. RRC President John Engle, AB3SR, presented Aidan Schlegel, KC3JLI, with a special hat and welcomed him as a newly licensed Amateur Radio Operator.

6. RRC President John Engle, AB3SR, honored Walt Horn, W3OKX, with a special letter giving him "**Honorary Membership for Life**" in the Reading Radio Club".

7. RRC President John Engle, AB3SR, presented Associate Member Letters to new RRC Members Brad Wegman, KC3HKR, and Ed Leshinskie, K3BVQ.

8. RRC President John Engle, AB3SR, has a RRC Full Member letter for Ron Schweitzer, KC3BKM, and an RRC Associate Member letter packet & RRC Badge for Greg Mensch, KB3UAF. Neither were present.

9. RRC President John Engle, AB3SR, presented RRC Badges to Phil Santoro, W3WNZ, and Ralph Dixon, NT3F.

10. RRC Badges are available for the following RRC Members:

Eric Cintron, KN3M

Craig DeLong, KB3TNQ

Blair Hogg, WB3AWI

Greg Mensch, KB3UAF

Bill Mooney, KA3PVA

11. Rich Ahrens, W3WJC, presented information about a fundraiser for the RRC. This is a yearly event sponsored by Boscov's called "Friends Helping Friends". You buy a certificate for \$5 and the money goes directly to the RRC. The \$5 certificate is good at Boscov's for 10 to 25 percent discounts on regular priced as well as sale items. In October 2016, the Reading Radio Club, Inc. earned \$160.

12. Rich Ahrens, W3WJC, showed a framed certificate signed on February 17, 1922 by Hiram Percy Maxim, 1AW, the President of the ARRL. The Reading Radio Club has been affiliated with the ARRL since this date. We should set aside a special date to celebrate our 100th Anniversary with the ARRL. A 1921 QST article states that the founding of the Reading Radio Club was on March 10, 1921.

13. President John Engle, AB3SR, announced the RRC Hamfest would be on Saturday August 5, 2017 at Heritage Park, Sinking Spring, PA. Sign-up sheets are available up front. The Hamfest starts at 7:00 a.m.

14. We will meet at the Hamfest site at 9:00 a.m. Friday morning August 4, 2017 to set up parking, signs, etc. in preparation for the Hamfest on Saturday August 5, 2017.

15. RRC President John Engle, AB3SR, announced that the next VE Exam would be held on Saturday morning August 5, 2017 at 8:30 a.m. at our Hamfest site at Heritage Park in Sinking Spring. The cost is still \$15 and we prefer a check written to "ARRL/VEC." Contact Harry Hoffman, W3VBY, if you are interested in taking an exam at 610.678.8976, or by email at HarryHoffmanJr@juno.com

- 16. The winner of the 50-50 drawing was Art Becker, KB3LDI.
  - 17. The next RRC BOD Meeting is scheduled to be held on Tuesday evening August 8, 2017 at the Ag Center starting at 7:30 p.m.
  - 18. The next RRC monthly meeting at the Ag Center will be Friday evening August 11, 2017, starting at 8:00 p.m. Jeff Pardo will present a program about steering geostationary satellites.
  - 19. Does anyone have any Program possibilities for future RRC Meetings?
  - 20. Ron Waszk, K3RJW, could present a program on Fox Hunting. He and Glenn Mohler, AB3TQ, will be having a Fox Hunt on Saturday morning.
  - 21. Dave Wiley, K3MXS, gave a great presentation on Digital Data Modes. PSK31 was introduced in 1999 and is one of the most popular modes using a bandwidth of only 31 Hz.
- Radio Teletype (RTTY) is one of the oldest modes still in use. P-ACTOR has error correction features.
- External sound cards can be used with a computer.
- The Signal Link is a commercial version of a sound card. A sound card can be built by the average Amateur Radio operator.
- A video was shown showing the hookup and operation of a digital station. The program was very informative. Thank you Dave, K3MXS, for a very interesting presentation!.
- 22. RRC President John Engle, AB3SR, adjourned the meeting at 9:25 p.m. for a time of fellowship and refreshments.

**RRC BOD MEETING MINUTES - TUESDAY JUNE 6, 2017**

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By: Harry Hoffman, W3VBY - RRC Secretary (07.12.2017)  
 From notes taken by Art Becker, KB3LDI

ATTENDANCE:

|                                |                     |
|--------------------------------|---------------------|
| John Engle, AB3SR - Pres.      | Art Becker, KB3LDI  |
| Nate Rosenthal, N2ADD - Treas. | Jason Potter, K3WDF |
| George Andrews, K3HGQ          | (5)                 |

EXCUSED: VP Chris Schlegel, K3ADA  
 Secretary Harry Hoffman, W3VBY  
 Craig Huntsinger, K3CWH  
 Jason Potter, K3WDF (4)

VISITORS: None

This BOD meeting was held on Tuesday evening at 7:30 p.m. June 6, 2017 in the second floor meeting room of the Ag Center.

President John Engle, AB3SR, called the meeting to order at 7:31 p.m.

We opened the meeting with the pledge to the American Flag. (No flag was available).

The preliminary May 9, 2017 RRC BOD Minutes were read aloud. The final approved copy will be sent to all Board members and to Rich Ahrens, W3WJC, the Editor of the RRC BULLETIN.

A motion was made by Nate Rosenthal, N2ADD, and seconded by Rick Rhoads, W3ALG, to accept the May 9, 2017 RRC BOD Minutes with minor corrections. Motion passed by a unanimous voice vote.

As a result of Art Becker's membership letters to non-members, a \$100 donation to the RRC was received from Ed Bonato, W3DLZ. Ed declined to join the RRC, but will continue to faithfully check in to our Friday evening Reading Radio Club Meeting On The Air. (RRCMOTA).

Nate Rosenthal, N2ADD, mentioned a possible new member, Ed Leshinskie, K3BVQ.

#### TREASURERS REPORT

RRC Treasurer Nate Rosenthal, N2ADD, gave the Activity Statement May 1, 2017 thru May 31, 2017, and the Balance Sheet as of May 31, 2017. Report accepted as read.

#### TRUSTEE'S REPORTS

**W3BN** - Trustee is Craig W. Huntsinger, K3CWH.

( Not Present - No report necessary )

The expiration date of this license is March 6, 2026

**W3CCH** - Trustee is Harry Hoffman, W3VBY.

( Not Present - No report necessary )

The expiration date of this license is September 16, 2024

#### MEETINGS & PROGRAMS

June 9, 2017

RRC monthly meeting at the Ag Center.  
Preparation for the 2017 RRC Field Day,  
and a short Field Day video on the big screen.

July 8, 2017

RRC Annual Picnic in the Heritage Park Freight Station.

August 5, 2017

RRC Hamfest at Heritage Park, Sinking Spring, PA.

#### OLD BUSINESS

By-Laws Review Committee – No Report - Art Becker, KB3LDI, and Walt Horn, W3OKX, will present us with recommendations in the near future. Please contact them if you have any suggestions.

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A sign-up sheet will be placed on a table at future RRC Meetings.  
Members can sign-up now for future events:

Field Day June 24-25, 2017

Picnic July 8, 2017

Hamfest August 5, 2017

### FIELD DAY

We need members to meet on Saturday June 17, 2017 to remove the required Field Day equipment from the QTH of Don McKinney, W3FCT, and store it at the home of Harry Hoffman, W3VBY, who lives near the Field Day site in Sinking Spring. (We will set the meeting time and place at the June 9, 2017 RRC monthly meeting).

RRC President John Engle, AB3SR, showed us a checklist of equipment required for Field Day.

Tentative Field Day stations:

CW station

Art Becker, KB3LDI, will check with Jim Garmirian, KE3NE, to see if he is available.

HF Phone station

Art, KB3LDI & Jim, W3ITH, (30 ft. Tower & Tri-band Beam Antenna)

VHF Phone station

No VHF station this year

Digital station

Dave Wiley, K3MXS

Talk-in station

Jim, W3ITH

Solar station

Harry, W3VBY

### NEW BUSINESS

George Andrews, K3HGQ, presented the handout for the RRC Hamfest. It was decided to also attach an RRC Membership Application.

### FUTURE MEETINGS

Nate Rosenthal, N2ADD, suggested a presentation on Fldigi.

George Andrews, K3HGQ, has a friend, Jeff Pardo that is involved in steering satellites (Satellite Coordinator) that could tentatively present a program at either our August 11 or September 8, 2017 RRC meeting. After a short discussion about possible speakers, no conclusions were made.

The next RRC BOD meeting will be held Tuesday evening July 11, 2017, starting at 7:30 p.m. at the Ag Center.

The next RRC monthly meeting will be held Friday evening July 14, 2017, starting at 8:00 p.m. at the Ag Center main auditorium.

RRC President John Engle, AB3SR, adjourned the meeting at 8:19 p.m.

(Time in session as a Board 48 minutes)

**THREE SEVEN TEN  
2 METER ACTIVITY INITIATIVE**

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By: Rich Ahrens, W3WJC (03.01.2017)

You do not need to be IDing on repeaters over a period of a few weeks before you conclude that most repeaters throughout the United States are underused. You ID your station. . . . "This is KA3XYZ listening on 91" and no one returns to your call ID - **IT MAY BE THAT NO ONE IS LISTENING.**

Here is an idea that MAY, MIGHT, COULD stimulate some conversation (QSOs) on the Reading Radio Club 146.910 MHz repeater. We might call it the "Three, Seven, Ten" gathering or maybe "T S T" for short.

The thought is to turn on your 2-Meter transceiver at 3:00 p.m., 7:00 p.m., and 10:00 p.m. Identify your station and see if anyone comes back and wants to shoot the breeze. No net control, just some informal Ham Radio conversation.

Let us try this and see if we can pep up activity on the Reading Radio Club, W3BN, 146.910 MHz repeater. The CTCSS is 131.8 Hz.

Catch up with Jim, N3PRJ, he is usually on the 3:00 p.m. session.  
Thanks Jim for being a regular on the RRC 146.91 MHz repeater.

**NEW READING RADIO CLUB MEMBERS**

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By: Rich Ahrens, W3WJC (08.01.2017)

At the Tuesday July 11, 2017 Reading Radio Club BOD meeting the following four Radio Amateurs were voted into RRC membership as Associate Members of the Reading Radio Club:

- Jonathan C. Durand, N8EUL – General  
2539 Grant Street  
Reading, PA 19606-2122
  
- Edward B. Leshinskie, K3BVQ – Advanced  
1780 Orlando Road PO Box 194  
Pottstown, PA 19464-2337
  
- Vincent M. Sumoski, AC3BA – Extra  
421 Shelbourne Road  
Reading, PA 19606-9533
  
- Bradley K. Wegman, KC3HKR – Technician  
850 Wegman Road  
Reading, PA 19606-9715

We are pleased to welcome Jonathan Durand, N8EUL; Edward Leshinskie, K3BVQ; Vincent Sumoski, AC3BA; and Bradley Wegman, KC3HKR, as new Associate members of the RRC. We thank Jon, N8EUL; Ed, K3BVQ; Vince, AC3BA; Brad, KC3HKR, for considering, selecting, and supporting the Reading Radio Club.

83 = Total RRC membership as of August 1, 2017

|                   |                   |
|-------------------|-------------------|
| 83 = August 2017  | 125 = August 2004 |
| 74 = August 2016  | 135 = August 2003 |
| 81 = August 2015  | 130 = August 2002 |
| 83 = August 2014  | 127 = August 2001 |
| 85 = August 2013  | 124 = August 2000 |
| 87 = August 2012  | 123 = August 1999 |
| 89 = August 2011  | 127 = August 1998 |
| 97 = August 2010  |                   |
| 99 = August 2009  |                   |
| 102 = August 2008 |                   |
| 116 = August 2007 |                   |
| 115 = August 2006 |                   |
| 125 = August 2005 |                   |

193 = MEMBERS IN 1978

65 Full Members - Including:

*"Life Member"*

*Rich Ahrens, W3WJC, by RRC BOD action on 06/06/2006.*

*"Honorary Membership for Life"*

*Jim Nicholas, W3ITH, by RRC BOD action on 12/08/2009.*

*"Honorary Membership for Life"*

*Mike Wingert, KB3LDE, by RRC BOD action on 11/08/2016.*

*"Honorary Membership for Life"*

*Walt Horn, W3OKX, by RRC BOD action on 07/04/2017.*

(1/4 Full Members required for a quorum = 20)

17 Associate Members

1 Supporting Member

|    |             |          |                              |
|----|-------------|----------|------------------------------|
| 34 | Extra Class | ( 41 % ) | <i>May not total to 100%</i> |
| 9  | Advanced    | ( 11 % ) | <i>because of rounding.</i>  |
| 21 | General     | ( 25 % ) |                              |
| 18 | Technician  | ( 22 % ) |                              |
| 0  | Novice      |          |                              |
| 1  | No License  | ( 1 % )  |                              |

The FCC records were last checked on September 8, 2014 - W3WJC



- 50 RRC Members are members of the ARRL ( 60% ).
- 82 RRC Members receive the RRC BULLETIN via email ( 99% ).
- 70 RRC Members have a Broad Band ISP ( 84% ).

**LICENSE UPGRADES IN THE READING RADIO CLUB**

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By: Rich Ahrens, W3WJC (08.01.2017)

None that I could find or that anyone informed me about.

**Editor's note:** If I miss your advancement success, please send the Editor an email - It is just too much to check each member's license status every month in the FCC records, although I do check the FCC records on occasion. *(Last checked on September 8, 2014).* If you did send an email, to my address, and the information was not published, please send the info again - Things do happen.

If you are a RRC member, do not be bashful, please provide me with your license upgrade information and I will note your success here in the RRC BULLETIN.

As always, WHO, WHAT, WHEN, WHERE, and WHY.

Please send the info to: W3WJC73@gmail.com

For VE Testing opportunities please check the following Web page for local test sessions:

<http://www.arrl.org/arrlvec/examsearch.phtml>

A practice test site can be found at: <http://www.aa9pw.com/radio/>

Let the RRC know when you upgrade. I will make note of your accomplishment and your success right here in the RRC BULLETIN.

You can send the info to: W3WJC73@gmail.com

**COMMENTS BY THE NET CONTROL AT THE START OF  
SESSION 1,001 OF THE RRCMOTA**

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By: Rich Ahrens, W3WJC (07.28.2017)

On Friday July 28, 2017, Rich Ahrens, W3WJC, was the Net Control for session number 1,001 of the Reading Radio Club Meeting On The Air (RRCMOTA). At the start of the net, Rich, W3WJC, provided some history of how and why the RRCMOTA was started on January 22, 1994. Those of you that did not check into this milestone 1,001

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session of the RRCMOTA may find Rich's comments of interest. Here is a transcript of what Rich, W3WJC, had to say:

"First, I want to announce that the Reading Radio Club Meeting On the Air committee will now be co-chaired by Jim Nicholas, W3ITH, and myself Rich Ahrens, W3WJC. Jim is the youngest member of the present four-member committee. However, in 23 years, Jim will be much older than I am right now. Therefore, we would like to see a committed RRC member between the age of 35 and 45 get involved with the Reading Radio Club Meeting On the Air, please pass the word."

"And now some history, some of you may be interested in how the Reading Radio Club Meeting On the Air got started 23 years ago on January 22, 1994. Well, there is always a host of things that impact on events, and happenings, and the Reading Radio Club Meeting On the Air is the result of events and happenings that took place about 23 years ago."

"Back in July 1990 the RRC had a new newsletter editor and a new name for the historic READING RADIO CLUB BULLETIN. The powers to be in 1990 decided that the name of the newsletter should be "THE TRANSMITTER"

"THE TRANSMITTER was published and mailed, at great expense, in the US mail, until January 1994 when the editor moved out of Pennsylvania."

"THE TRANSMITTER was a high cost newsletter with black and white half tone pictures professionally done. In fact, the monthly cost of THE TRANSMITTER drained the RRC treasury down to less than \$500."

"From March 1994 to March 1995, there were eight issues of the RRC BULLETIN published by various editors. Yes, the RRC returned to the historical name for the Club's newsletter, THE READING RADIO CLUB BULLETIN."

"After March 1995, the Reading Radio Club had no editor, no bulletin, and no money, the next time a bulletin was published was in January 1998 as the READING RADIO CLUB EMAIL NEWS, and was sent to the members with email capability. In January 1998, about 60 percent of the RRC Members had email capability. Using email eliminated the printing costs and the escalating postage expenses – An enormous savings for many organizations."

"Just as a historical note, the World Wide Web is reported as having been started in 1991."

"With the sporadic nature of the READING RADIO CLUB BULLETIN, and the lack of a committed Editor, during 1994, were some of the issues that gave birth to the Reading Radio Club Meeting On the Air, which

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was started on January 22, 1994, a few years before the start of the RRC EMAIL NEWS in 1998."

"The basic idea of the RRCMOTA was to share the national news by retransmitting the AMATEUR RADIO NEWSLINE REPORT, and then RRC news from the officers and committee heads."

"Has the Reading Radio Club Meeting On the Air lived up to its early expectations? Well, there is always room for improvement as we start, this evening, the next one thousand sessions of the Reading Radio Club Meeting On the Air.....And now on to today's AMATEUR RADIO NEWSLINE REPORT.....This is W3WJC."

**50 YEARS AGO IN THE RRC - AUGUST 11, 1967**

=====

By: Rich Ahrens, W3WJC (08.01.2017)

The officers serving the Reading Radio Club, Inc. in August 1967 were:

- President - Jim Lorah, K3IIJ / WB4KOB (*Board Member*)
- Vice President - Leroy Flamm, K3MNI (SK) (Not a BOD Member)
- Secretary - Al Brailer, W3UQC (SK) (*Board Member*)
- Treasurer - Frank Esseluhn, K3MGO (SK) (Not a BOD Member)

Other RRC Board Members serving the RRC in August 1967 were:

- |                                  |                          |
|----------------------------------|--------------------------|
| Rich Ahrens, W3WJC               | Stew Ringler, W3EYN (SK) |
| Art Auchenbach, K3PSX/K3RAT (SK) | Bob Wagner, W3GII (SK)   |
| Russ Frederick, W3CDS (SK)       | Elmer Worth, K3YNN (SK)  |
| Stan Olanin, K3IOJ (SK)          |                          |

*The following is a republishing of the "Highlights of the August 11, 1967 Meeting" taken from the September 1967 issue of the RRC BULLETIN, and written by the RRC Secretary Al Brailer, W3UQC, (SK).*

*The Editor for the August 1967 RRC BULLETIN was Board Member Bob Wagner, W3GII, and the Assistant Editor was George Andrews, K3HGQ.*

The Friday August 11, 1967, RRC monthly meeting (The second Friday) was held at the RRC Building #437, located at the North end of the Reading Regional Airport property, near Route 183, (Also known as the Bernville Road).

RRC President Jim Lorah, K3IIJ, opened the meeting at 8:00 p.m.

There were about 35 RRC members in attendance.

The door prize was won by Ed Rothermel, K3SZG.

.  
President Jim Lorah, K3IJJ, reported that the RRC Sunday July 30, 1967, Clambake was a great success. We sold 76 bakes and 13 refreshment tickets. The attendance was a little smaller than last year.

The equipment of the late Charles S. Perkins, W3EAT, Reading, Pennsylvania, is for sale. Those that are interested should contact Harold Stoudt, W3CJP, Harold Schearer, W3MB, or Stew Ringler, W3EYN.

It was announced that the Reading Chapter of the Quarter Century Wireless Association (QCWA), would hold their first annual dinner at the Ye Olde Ironmaster, 1319 Lancaster Avenue. The date of the dinner is Tuesday September 12, 1967, starting at 7:00 p.m.

New Amateur Radio application forms 610 dated July 1966 have been received and should be used for new Amateur Radio licenses, change of address, renewal of license, modification of your present license or a request for a special calls sign. These new form 610's are available at the RRC Club Building or by calling RRC Secretary Al Brailer, W3UQC, on the land line (372-5038). I will send you a copy.

The RRC Halloween Party will be held at the Club House on October 28, 1967. Leroy Flamm, K3MNI, is the Chairman, and Stan Olanin, K3IOJ, and Art Auchenbach, K3PSX, will co-chair the event.

The annual RRC auction is scheduled for the Friday October 13, 1967 monthly meeting.

Some of the RRC members are going to the 12<sup>th</sup> Annual York County Hamfest, held at the Abbotstown Fair Grounds, in Abbotstown, Pennsylvania. The Hamfest is scheduled for Sunday Sept. 3, 1967. Registration is \$2.00 with XYL's and children free.

Many thanks to Carl Lebo, W3ZZR, who donated a three-inch oscilloscope and a 1,000 Volt power supply for our Amateur Radio Teletype (RTTY) project.

Art Auchenbach, K3PSX, is Chairman of the September 1967 ARRL VHF Contest. The location will be at the William Penn Memorial Fire Tower on Mount Penn. The contest is scheduled for Saturday and Sunday September 9 and 10, 1967. The contest starts at 2:00 p.m. and will end at 11:00 p.m.

The Road Race at the Reading Airport will be held on Saturday and Sunday August 26 and 27, 1967. The members of the RRC will provide safety communications as we have done in previous years. Six meter FM will be used because it has been proven to be 100% reliable. Rich Ahrens, W3WJC, is heading up the committee for this RRC public service project.

RRC President Jim Lorah, K3IJJ, closed the meeting.

Many members stayed on late into the evening hours for fellowship and Ham Radio discussions.

### FOR SALE OR WANTED ITEMS

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**FOR SALE:** Bird, Model 43 Wattmeter with 10W, 50W and 100W slugs covering 100 MHz to 250 MHz. Also type-N and UHF connectors. Used in great condition with manual, \$175.00

Sony/Tektronix, Model 305, Combination Dual Trace Oscilloscope and Digital Multi-Meter, AC or Internal Battery Operation. Includes two probes and test leads. Used in great condition with manual, \$95.00.

Global Specialties, Model 4001, Wide Range Pulse Generator. Used in great condition with manual, \$25.00.

RF Explorer, Model 3G Combo, Handheld Spectrum Analyzer, 15 MHz to 2700 MHz. Used in New Condition with latest firmware and manual on a CD, \$180.00.

For questions or to purchase the above items contact, Don Cwynar, KT4JF, at 610.670.7017 or doncwynar@comcast.net

**FOR SALE:** All for \$500. However, you must take it down. Two fifty or sixty foot towers and all that goes with the towers, the antennas, the rotors, etc. This gear is located in Mertztown, PA. Contact Fred Fritch, at 610.533.2217 or FritchFred@gmail.com for more details.

**FOR SALE:** ICOM 746 HF Transceiver, with 6 and 2 Meters, rated at 100 Watts. Needs some output power work, used. \$550.

**FOR SALE:** Kenwood G707 Dual Band 144 MHz / 70 cm (5/10/50 watts) transceiver. Microphone connector broken, used. \$70.

For the above two estate sale items, please Contact Jim Nicholas, W3ITH, at 610.678.9243 or jnich26772@aol.com

Send your "For Sale" or "Wanted" items by email to:  
W3WJC73@gmail.com

**Please note:** *It has been the policy, and continues to be the policy, that equipment advertized **FOR SALE** in the RRC BULLETIN **must include an asking price.** If you have a long list of items (More than nine items) please send your email address to W3WJC73@gmail.com and we will post your notice, phone number and email address in the RRC BULLETIN under the FOR SALE OR WANTED ITEMS. Interested parties can then contact you directly for the latest list.*

**MEMBERS THAT HAVE OR WILL SERVE ON RRC COMMITTEES  
DURING NOVEMBER 2016 THRU DECEMBER 2017**

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By: Rich Ahrens, W3WJC

(07.01.2017)

The list below was constructed from incomplete observation during the past fifteen months. Think of this list as something similar to the free encyclopedia on the Internet called "Wikipedia." Just like "Wikipedia" this list needs corrections, additions, and updating. Please send your input to the Editor at W3WJC73@gmail.com

Excuse the hodgepodge layout, the order is of no significance and the alignment was defined by the length of the committee's names and the names of the members on a committee. Some of the committees could use additional members. Join in and get Radio Active in the Reading Radio Club. **Additions or corrections since last month are in red.**

**BREAKFAST (SPRING & FALL)**

1. Jim Nicholas, W3ITH - Co-Ch
2. Art Becker, KB3LDI - Co-Ch
3. ? ? ?

**FIELD DAY (06-24&25-'17)**

1. Harry Hoffman, W3VBY - Ch
2. Don McKinney, W3FCT
3. Duane Redline, W3UQH
4. Rick Rhoads, W3ALG
5. Don Cwynar, KT4JF
6. Nate Rosenthal, N2ADD
7. Art Becker, KB3LDI
8. Cal Wagner, KA3HYC
9. Ray Bostard, KC3HYX
10. Larry Gero, KB3VOC

**CHRISTMAS PARTY**

1. Jim Nicholas, W3ITH - Co-Ch
2. Mary Anne Nicholas, N3TVT - Co-Ch
3. ? ? ?

**REFRESHMENTS (MONTHLY MEETINGS)**

1. Art Becker, KB3LDI - Ch
2. Dave Wiley, K3MXS
3. ? ? ?

**ENTERTAINMENT (MONTHLY MEETINGS)**

The nine members of the BOD and others

**HAMFEST (AUG. 5, 2017)**

1. Harry Hoffman, W3VBY - Ch
2. Jim Nicholas, W3ITH
3. Dave Wiley, K3MXS
4. Art Becker, KB3LDI
5. Mary Anne Nicholas, N3TVT
6. Don Cwynar, KT4JF
7. Alex Nicholas
8. Cal Wagner, KA3HYC
9. Rick Rhodes, W3ALG
10. Bill Mooney, KA3PVA

**MINI-HAMFEST (12/8/2017)**

1. Jim Nicholas, W3ITH - Co-Ch
2. Dave Wiley, K3MXS - Co-Ch
3. Harry Hoffman, W3VBY

**DEC. 8, 2017 DOOR PRIZES**

1. Jim Nicholas, W3ITH - Ch
2. Art Becker, KB3LDI
3. Harry Hoffman, W3VBY
4. Dave Wiley, K3MXS
11. George Andrews, K3HGQ
12. Rich Ahrens, W3WJC - Please note: There are names missing. Committee Chairperson's, please keep the Editor informed. Tnx.

**RPTR TECHNICAL (70 CM FUSION DIGITAL - W3CCH)**

1. Chris Schlegel, K3ADA - Ch
2. Harry Hoffman, W3VBY - W3CCH Trustee
3. Jason Potter, K3WDF
4. Phil Wheeler, N3XGT
5. ? ? ?

**RPTR TECHNICAL & OPERATING (146.91 MHz ANALOG - W3BN)**

1. Rich Ahrens, W3WJC - Ch
2. Don Cwynar, KT4JF
3. Craig Huntsinger, K3CWH - W3BN Trustee
4. Art Becker, KB3LDI
5. Chris Schlegel, K3ADA

**FUND RAISING 2017**

1. Rich Ahrens, W3WJC - Co-Ch
2. Jim Nicholas - Co-Ch
3. Corinne Ahrens
4. Charity Evans, KC3HKU
5. ? ? ?

**RRC BULLETIN**

1. Rich Ahrens, W3WJC - Editor
2. Harry Hoffman, W3VBY
3. Jim Nicholas, W3ITH
4. Dave Wiley, W3VBY
6. Art Becker, KB3LDI
7. Nate Rosenthal, N2ADD
8. Craig Huntsinger, K3CWH
9. Charity Evans, KC3HKU

**MEMBERSHIP DATABASE**

1. Nate Rosenthal, N2ADD - Treas.

**MEMBERSHIP LIST**

1. Rich Ahrens, W3WJC

**PAGODA AWARD**

1. John Geisewite, KB3MIH - Ch
2. ? ? ?

**HISTORIAN**

1. Rich Ahrens, W3WJC
2. ? ? ?

**MEETING ATTENDANCE & 50-50**

1. Walt Horn, W3OKX - Ch
2. Sue Zuber, KB3JQE
3. Jim Nicholas, W3ITH

**AUDIT - 2017**

1. ? . ? ?
2. ? ? ?
3. ? ? ?
4. Nate Rosenthal, N2ADD

**PICNIC JULY 8, 2017**

1. Art Becker, KB3LDI - Tri-Ch
2. Jim Nicholas, W3ITH - Tri-Ch
3. Harry Hoffman, W3VBY - Tri-Ch

**WEB MASTER**

1. Dave Schearer, K3BN

**RRCMOTA**

1. Rich Ahrens, W3WJC - Co-Ch
2. Jim Nicholas, W3ITH - Co-Ch
3. Art Becker, KB3LDI
4. Dave Wiley, K3MXS

**AWARDS MANAGER**

1. Craig Huntsinger, K3CWH

**TRUSTEES**

1. Craig Huntsinger, K3CWH - W3BN
2. Harry Hoffman, W3VBY - W3CCH

**PA QSO PARTY**

1. Dave Wiley, K3MXS
2. ? ? ?
3. ? ? ?

**POST OFFICE MAIL PICKUP**

- 1. Harry Hoffman, W3VBY - Ch
- 2. Rich Ahrens, W3WJC

**PUBLICITY**

- 1. Harry Hoffman, W3VBY - RRC Secretary

**RRC VE TEAM**

- 1. Harry Hoffman, W3VBY - Ch
- 2. Duane Redline, W3UQH
- 3. Norm Dorward, AA3PO
- 4. Art Becker, W3JZN
- 5. Craig Huntsinger, K3CWH
- 6. Dennis Goodling, N3JRW
- 7. Nate Rosenthal, N2ADD
- 8. Jason Potter, K3WDF
- 9. Rich Ahrens, W3WJC

**ESTATE SALES / DISPOSAL**

- 1. Jim Nicholas, W3ITH - Ch
- 2. Harry Hoffman, W3VBY
- 3. Dave Wiley, K3MXS

**FUTURE ACTIVITIES - 2017**

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- Jul. 29 - Deadline for the August RRC BULLETIN
- Aug. 5 - RRC HAMFEST at Heritage Park**
- Aug. 8 - RRC BOD Meeting, 7:30 p.m. at the Ag Center
- Aug. 11 - RRC Monthly Meeting, 8:00 p.m. at the Ag Center
- Sep. 2 - Deadline for the September RRC BULLETIN
- Sep. 5 - RRC BOD Meeting, 7:30 p.m. at the Ag Center
- Sep. 8 - RRC Monthly Meeting, 8:00 p.m. at the Ag Center
- Sep. 30 - Deadline for the October RRC BULLETIN
- Oct. 10 - RRC BOD Meeting, 7:30 p.m. at the Ag Center
- Oct. 13 - RRC Monthly Meeting, 8:00 p.m. at the Ag Center
- OCT 17 - FUND RAISING EVENT - "Friends Helping Friends"**
- Oct. 28 - Deadline for the November RRC BULLETIN
- Nov. 3 - RRC Monthly Meeting, 8:00 p.m., at the Ag Center**  
**THE FIRST FRIDAY - BOD Nominations**
- Nov. 7 - RRC BOD Meeting, 7:30 p.m. at the Ag Center
- Dec. 2 - Deadline for the December RRC BULLETIN
- Dec. 5 - RRC BOD Meeting, 7:30 p.m. at the Ag Center
- Dec. 8 - RRC Meeting, 8:00 p.m. at the Ag Center - **Mini Hamfest**
- Dec. 16 - RRC Annual Christmas Party at Wegman's**

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 146.91 MHz repeater starting at 8:00 p.m. (No CTCSS is presently required during this net).

**RRC MEETING ON THE AIR (RRCMOTA)**

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Check into the RRC MEETING ON THE AIR on the Friday evenings that we do not have an in-person meeting. The net on 146.9100 MHz starts at 8:00 p.m. with the latest AMATEUR RADIO NEWSLINE REPORT



from the West Coast. We then have an exchange of information that may be of interest to the members of the Reading Radio Club. The last part of the net is a roll call where we usually have 26 to 37 stations check-in. The net has been in operation since January 22, 1994. On Friday July 28, 2017, we had session number 1,001 and we had 35 local stations check in, and test their 2-Meter analog FM equipment. The next RRCMOTA will be on August 4, 2017, starting at 8:00 p.m. on the RRC 146.910 MHz repeater. **Everyone, RRC Members and non-members, are invited to tune in and check into the:**

## **READING RADIO CLUB MEETING ON THE AIR**

**DEADLINE FOR THE SEPTEMBER "RRC BULLETIN" IS**

**SATURDAY SEPTEMBER 2, 2017**

**The September "READING RADIO CLUB BULLETIN"  
is scheduled to be emailed on or about  
Wednesday September 6, 2017**

73,

Rich Ahrens, W3WJC

Editor: RRC BULLETIN

If you change your email address, PLEASE inform the Editor at:  
W3WJC73@gmail.com



## **READING RADIO CLUB BOARD OF DIRECTORS**

Sitting from the left: RRC President John Engle, AB3SR; VP Chris Schlegel, K3ADA;  
Secretary Harry Hoffman, W3VBY; Treasurer Nate Rosenthal, N2ADD.

Standing from left: Art Becker, KB3LDI; George Andrews, K3HGQ;  
Craig Huntsinger, K3CWH; Rick Rhoads, W3ALG; Jason Potter, K3WDF.

Photo by Rich Ahrens, W3WJC  
Friday January 13, 2017

**2017 RRC OFFICERS & THE NINE 2017 BOD MEMBERS**

=====

- 1) Pres: John Engle, AB3SR            JEngle@weeu.com            (19)
- 2) VP: Chris Schlegel, K3ADA       Sutehk.CS@gmail.com       (17)
- 3) Secy: Harry Hoffman, W3VBY     HarryHoffmanJr@juno.com   (19)
- 4) Tres: Nate Rosenthal, N2ADD     NateØ1PA@comcast.net      (17)

**AT LARGE BOD MEMBERS**

- 5) George Andrews, K3HGQ           GeoAndrews2@gmail.com     (17)
- 6) Art Becker, KB3LDI                ABeckerBeConCo@msn.com    (18)
- 7) Jason Potter, K3WDF               Radio.K3WDF@gmail.com      (18)
- 8) Rick Rhoads, W3ALG                HerdBull58@comcast.net      (18)
- 9) Craig Huntsinger, K3CWH          K3CWH@verizon.net          (19)

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 BOD reorganization meeting held in January of each year. Please note that ALL nine BOD members have voting power.

**WEB PAGE OF THE READING RADIO CLUB**

=====

Dave Schearer, K3BN - The RRC Web Master

**readingradioclub.org**

**or**

**Just Google W3BN**

**UNITED STATES POSTAL SERVICE MAIL (USPS)**

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Send **ALL** USPS Mail pertaining to the Reading Radio Club to the **OFFICIAL**, and long term, (Since Oct. 1986), Reading Radio Club mailing address:

ATTENTION TO \*\*  
READING RADIO CLUB INC  
PO BOX 13777  
READING PA 19612-3777

\*\* = Officer, title, or name of the person or persons to whom your correspondence is specifically addressed.

**ACTIVITIES ON THE RRC REPEATER**  
**146.910 MHz RPTR - CTCSS = 131.8 Hz (3B)**

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QCWA READING CHAPTER 31 NET  
Mondays at 9:00 p.m.

RRC MEETING ON THE AIR NET (RRCMOTA)  
Fridays at 8:00 p.m. (Started January 1994)  
(Other than Club meeting nights)

THE THREE MINUTE TIMER IS PRESENTLY DISABLED  
DURING THESE NETS

WE ARE ..... READING RADIO CLUB

THE READING RADIO CLUB WAS FOUNDED ON MARCH 10, 1921

ARRL AFFILIATED SINCE FEBRUARY 17, 1922

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The PRIMARY purpose of the READING RADIO CLUB BULLETIN is to provide, to the membership, timely information about of 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 © 2017 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 author.

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AUG. 2, 2017 - EMAIL VERSION STARTED ON FEBRUARY 10, 1998.  
CIRCULATION: 82 RRC - 74 RRC ELIGIBLE NON-MEMBERS,  
FIVE CLUBS WE SWAP BULLETINS WITH, PLUS 10 OTHER CLUBS.  
THE FREQUENCY OF PUBLICATION IS MONTHLY.

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**RRC MEMBERSHIP APPLICATION FORM**

**ON THE NEXT TWO PAGES**

**PRINT PAGES 29 & 30**

# READING RADIO CLUB INC.

**PLEASE PRINT**

Date: \_\_\_\_\_  
mm/dd/yyyy

I do hereby apply for membership in the Reading Radio Club, Inc. **NOTICE TO APPLICANT:** The filing of this application with the Membership Committee does not in any way guarantee membership to the Club, nor does it entitle the applicant to any of the privileges of the Club until the Board of Directors has approved the application at a regular monthly board meeting.

NAME: \_\_\_\_\_ DATE OF BIRTH: \_\_\_\_\_  
first middle initial last mm/dd/yyyy

STREET: \_\_\_\_\_  
your mailing address

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ - \_\_\_\_\_ COUNTY: \_\_\_\_\_  
nine digit

E-MAIL ADDRESS: \_\_\_\_\_ @ \_\_\_\_\_

AMATEUR CALL: \_\_\_\_\_ CLASS: **N T T+ G A E** EXPIRATION: \_\_\_\_\_  
circle one mm/dd/yyyy

OCCUPATION: \_\_\_\_\_

ARE YOU A MEMBER OF THE ARRL: YES NO IF YES - EXPIRATION: \_\_\_\_\_  
mm/dd/yyyy

WHAT NAME (HANDLE) DO YOU WANT ON YOUR CLUB BADGE: \_\_\_\_\_

APPLICANT'S SIGNATURE: \_\_\_\_\_ PHONE: \_\_\_\_\_  
Include area code

RECOMMENDED BY TWO MEMBERS: ( Full signatures and call signs required )

1: \_\_\_\_\_

2: \_\_\_\_\_

## 1. DUES ARE - \$21 / YEAR ( Prorated by quarters )

J/F/M = \$21 - A/M/J = \$15.75 - J/A/S = \$10.50 - O/N/D = \$5.25

## 2. UNDER 18 YEARS OF AGE - \$5 / YEAR ( Not prorated )

APPLICATION MUST BE SUBMITTED WITH THE APPLICATION FEE OF \$5.00  
AND THE APPROPRIATE ANNUAL DUES

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**READING RADIO CLUB INC. PO BOX 13777 READING, PA 19612-3777**

This is your receipt. Retain it until you have been notified of the outcome of your application. If approved, you will receive copies of the RRC BY-LAWS, and the RRC W3BN/R 146.910 MHz REPEATER USER MANUAL as well as a Club ID Badge with your name and call letters.

NAME OF APPLICANT: \_\_\_\_\_

APPLICATION FEE OF \$5 PLUS APPROPRIATE DUES RECEIVED TOTAL: \_\_\_\_\_

RECEIVED BY (Signature): \_\_\_\_\_ DATE: \_\_\_\_\_

To assist the Board of Directors in considering your application, please summarize your interests in Amateur Radio, why you want to join the Reading Radio Club, and what you can do to help the organization.

Please indicate which of the below listed committees you would be willing to assist with, (And/or activities you might have an interest in) and if you possess any special skills in other specific areas that you would like to share with the Reading Radio Club.

|                        |                                           |                                              |                                            |
|------------------------|-------------------------------------------|----------------------------------------------|--------------------------------------------|
| Awards                 | Hamfest                                   | PA QSO Party                                 | Storing Club Equipment                     |
| Banquets               | Hospitality                               | Refreshments                                 | Technical Subjects                         |
| Breakfast Buffet       | Legislation                               | Repeater - Operational                       | Tours                                      |
| Bus Trips              | Legal                                     | Repeater - Technical                         | Tower Work                                 |
| Contests               | Lunches                                   | Picnic                                       | Training / Education                       |
| Dec. Door Prizes       | Mailing List                              | Printing                                     | Transmitter Hunts                          |
| Desk Top Publishing    | Mall Display                              | Programs For Meetings                        | TVI / RFI                                  |
| Door Prizes            | Meeting Cleanup                           | Publicity                                    | VE Exams                                   |
| E-Mail News            | Membership                                | Public Service                               | VHF Contests                               |
| Elmer                  | Net Control                               | RACES or ARES                                | Web Page Design                            |
| Field Day              | Nov. Sweepstakes                          | Satellites                                   | Winlink Capability                         |
| Fund raising 501(c)(3) | Packet BBS                                | Special Event Station                        | 50 / 50                                    |
| <u>Special Skills:</u> | DOS Comp.<br>Programming<br>On VHF packet | Windows Comp.<br>Networking<br>On 2 Meter FM | Macintosh Comp.<br>Servers<br>On low Bands |
| <u>Other Skills:</u>   |                                           |                                              |                                            |

*Win 98SE - MS Word 97 - Sept. 6, 2005 - Iss. 15A - BOD/REA*

*Updated & Reformatted 11/28/2015 for publication in the RRC BULLETIN/REA*

*Fund raising 501(c)(3) and Lunches added above/REA*

*Win Vista - MS Word 97-2003/REA*

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|------------------------------------|----------|-------------|-------------|
| 1. Reviewed by Board of Directors: | Approved | Disapproved | Date: _____ |
| 2. Put on Treasurer's List         | ( )      | Date: _____ |             |
| 3. Put on Secretary's List         | ( )      | Date: _____ |             |
| 4. Put on computer membership list | ( )      | Date: _____ |             |
| 5. Club badge ordered              | ( )      | Date: _____ |             |

**RETURN TO THE CLUB SECRETARY WHEN COMPLETED**