



W3BN W3CCH

The Reading Radio Club Bulletin

Volume 59

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January 2021

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A Monthly Publication of the Reading Radio Club
Scott (KC3PCS) & Lori Scheirer, Editors (kc3pcs@gmail.com)

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YOUR 2020 RRC OFFICERS

January 10, 2020

By: Rich Ahrens, W3WJC



L to R - Harry Hoffman, W3VBY, Secretary - Ron Waszk, K3RJW, VP
Chris Schlegel, K3ADA, President - Nate Rosenthal, N2ADD, Treasurer

Board of Directors & RRC Officers

2020 RRC OFFICERS

*** Please note that as of the publishing of the bulletin, the BOD had not met to vote on 2021 officers. ***

=====			
PRESIDENT	Chris Schlegel, K3ADA	Sutehk.CS@gmail.com	(23)
VICE PREZ	Ron Waszk, K3RJW	PolishPICL@aol.com	(23)
SECRETARY	Harry Hoffman, W3VBY	HarryHoffmanJr@juno.com	(22)
TREASURER	Nate Rosenthal, N2ADD	NateØ1PA@comcast.net	(23)

2021 RRC AT-LARGE BOARD MEMBERS

=====			
Art Becker, KB3LDI	ABeckerBeConCo@msn.com		(21)
Jason Potter, K3WDF	Radio.K3WDF@gmail.com		(21)
Joe Pietruszynski, AC3DI	JFP0250@comcast.net		(21)
John Engle, AB3SR	JEngle@830weeu.com		(22)
Scott Scheirer, KC3PCS	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 online at <http://www.readingradioclub.org> or in written form by request.

meetings

Next Board Meeting: **Tues, January 5th, 2021 at 7:30 PM via Zoom**

Next General Meeting: **Fri, January 8th, 2021 at 7:30 PM**

Topic: Airship History – “The Flying Carriers”.

Location: Berks County Agricultural Center

To find the Berks County Agricultural Center,

1238 COUNTY WELFARE ROAD, LEESPORT, PA 19533

(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 **REAR** of the building.

WEB PAGE OF THE READING RADIO CLUB

=====
Scott Scheirer, KC3PCS, & Christopher Schlegel, K3ADA Web Page Committee Co-Chairs

www.readingradioclub.org

or

just Google W3BN



<http://www.facebook.com/RRCW3BN> maintained by Chris Schlegel, K3ADA

UNITED STATES POSTAL SERVICE MAIL (USPS)

=====
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.

Drez Says

I hope everyone had a Merry Christmas and a Happy New Year.

At the December meeting, all the of the Board members up for reelection (Ron Waszk (K3RJW), Nate Rosenthal (N2ADD), and myself, Chris Schlegel (K3ADA)) ran unopposed and will all serve another term on the Reading Radio Club Board of Directors.

Also at the December annual meeting, two proposed bylaws changes were announced and will be voted on at the January monthly meeting provided that the Ag Center remains open for our use. Please, keep an ear out for updates just in case our status changes with the changes in pandemic restrictions. These bylaws proposals can be found later in the Bulletin.

On another note, I would like to thank Dave Scheirer (K3BN) for his many years of time and donations as the club's webmaster. Dave kept our members and the public updated on RRC events through our website at qsl.net/w3bn/ for many years including making sure we were easily reachable with the readingradioclub.org redirection service. Thank you Dave!

We are planning to go live with the new website on January 1st, 2021. I'm sure there will be many hiccups and changes in the website in the near future, including mobile compatibility. Many members have sent in compliments, suggestions, and ideas for the new website. Keep them coming as they help us to improve the site.

73,

Chris, K3ADA

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.

FCC to Require Email Addresses on Applications

12/02/2020

Amateur radio licensees and candidates will have to provide the FCC with an email address on applications, effective sometime in mid-2021. If no email address is included, the FCC may dismiss the application as defective.

The FCC is fully transitioning to electronic correspondence and will no longer print or provide wireless licensees with hard-copy authorizations or registrations by mail.

A *Report and Order (R&O)* on “Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services” in WT Docket 19-212 was adopted on September 16. The new rules will go into effect 6 months after publication in the *Federal Register*, which hasn’t happened yet, but the FCC is already strongly encouraging applicants to provide an email address. When an email address is provided, licensees will receive an official electronic copy of their licenses when the application is granted.

Under Section 97.21 of the new rules, a person holding a valid amateur station license “must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name.” For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license will have to show the grantee's correct name, mailing address, and email address. “The email address must be an address where the grantee can receive electronic correspondence,” the amended rule will state. “Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address.”

{Comment from N2ADD: I am not sure that existing licensees will have to provide an email address before renewing or modifying a license or, if that is required, the procedure for doing so.}

Proposed Bylaw Changes

Article XII, Sect. 2

Current wording:

All Members of the Board of Directors must be Full Members and hold at least a General Class license or higher. All Members of the Board of Directors shall be elected by the voting Membership by majority vote and said Board shall consist of nine members.

Proposed wording:

All Members of the Board of Directors must be Full Members. All Members of the Board of Directors shall be elected by the voting Membership by majority vote and said Board shall consist of nine members. No more than three of the Board of Directors positions may be held by Technician Class licensees.

Article XIV, Sect. 3

Current wording:

Nominations for Members of the Board of Directors shall take place at the regularly scheduled November meeting.

Proposed wording:

Nominations for Members of the Board of Directors shall take place at the regularly scheduled November and December meetings.

BYLAWS

ARTICLE I—Name and Objectives

Section 3—Objectives

The objectives of the Society shall be to promote the study of the moral, legal, empirical, and scientific aspects of the human mind in which the moral, legal, empirical, and scientific aspects are fully discussed and analyzed in connection with business.

TRIVIA

**This famous ham
invented a legendary
music device that was
featured on the album
"Switched On Bach".**

Who is it?

Robert Moog



K2AMH, Bob Moog, invented the famous Moog Synthesizer along with some other innovative electronic music equipment. He died in 2005. John McVie is the bass player for Fleetwood Mac. Tom Scholz is the founder of the band Boston and also an MIT graduate who has made his own contributions to music technology.



The Quarter Century Wireless Association was founded in 1947 to provide an organization for the pioneers of the hobby to gather. QCWA promotes friendship and cooperation among Amateur Radio operators who were licensed at least a quarter century ago, and are licensed today.

Steve Sobota, K3ALV, is the President of our local chapter (Chapter 31). You do not need to be a member of the QCWA to participate in the weekly nets or monthly breakfasts (when the COVID pandemic is not present).

QCWA Chapter 31 meets every Monday at 9:00 PM on the W3BN Repeater. All are welcome to check in and join our conversations.

During the pandemic, they are having a virtual breakfast the first Wednesday of each month at 9:30 AM. Join us with your breakfast for fellowship.

Monday, January 25th, 2021 is the FNOTA (Family Nite On The Air) at 9:00 PM on the W3BN Repeater. Bring the family along to chat.

DIGITAL MODES

BY HARRIS UPHAM, KC3PBI

Part 3

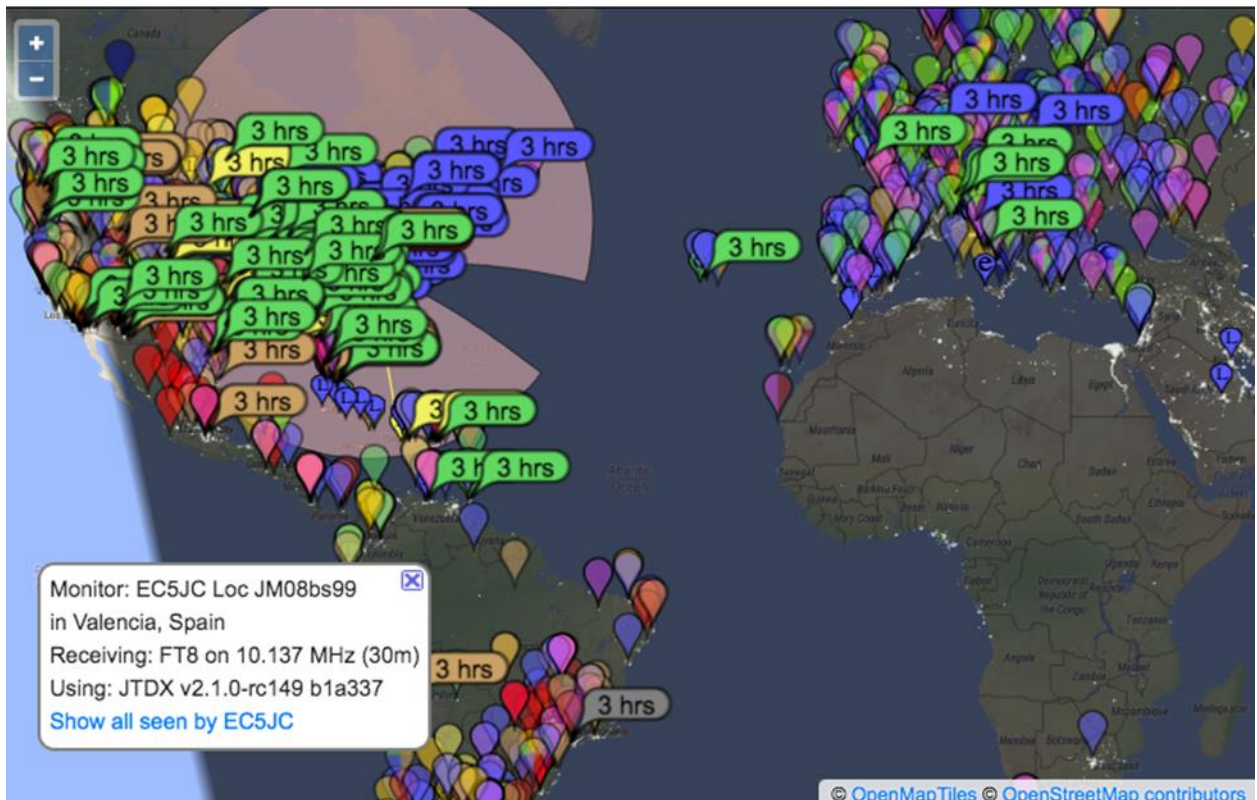
Spotting Networks

WSJT-X, JS8Call and FLDIGI all include an optional **spotting network** feature. This is a fantastic system for the technical ham. When enabled, these programs will monitor all traffic received and forward signal spotting reports via the internet to a central database.

You can access this data from sites like <https://pskreporter.info>. With that information, you, working alone, can see how well your signal is getting out. Other stations receiving your signal will forward a spot report, even if the operator isn't answering calls. This can save you loads of time while troubleshooting your rig and antenna, and the benefits of working this way can help you reach further and sound better on any mode.

So what do you do with it?

One of the simplest things you can do is fire up WSJT-X, pick a band and slot for your transmission and call CQ a few times. (if you catch somebody, work it!) Then sit back and wait a few minutes.



Continued on Next Page

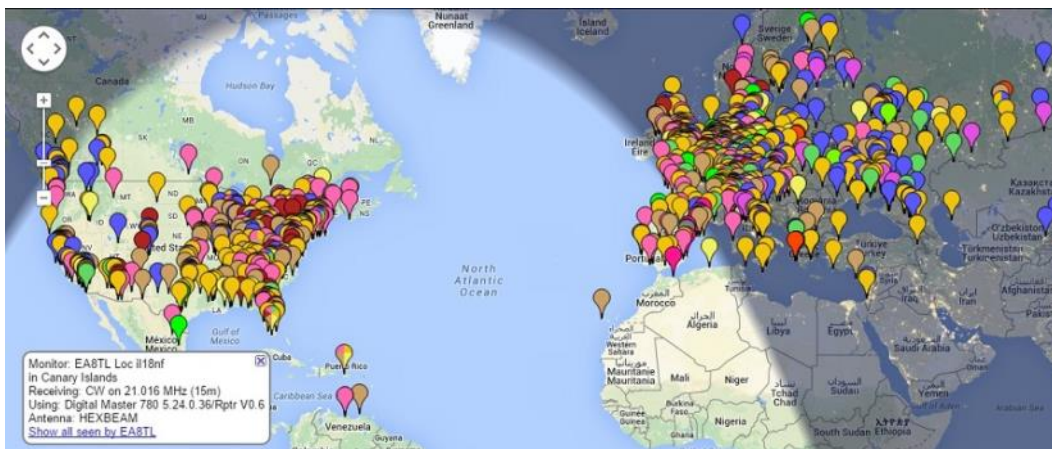
Spot reporting is entirely volunteer-driven and internet-hosted, thus it may take a few minutes for the data to make it from reception points to the database, and then into pskreporter for display.

After a few minutes, point your browser at <https://pskreporter.info/pskmap.html>

Enter your callsign into the search query at the top of the page, and let it process. You should be greeted with a map showing you all of the stations that received and reported your callsign, along with a timing indicator to tell you how long ago the call was heard. This timing info can help you distinguish between before/after action in tuning an antenna or adjusting radio settings.

This tool, in conjunction with WSJT-X can let one ham working alone make great use of his or her time in troubleshooting and tuning the station. A timesaver like this can really help a busy ham stay active and connected!

Another spotting network is "<https://hamspots.net>" to help you find current digital activity on any band or mode. Sites like these can save you a lot of time when you want to operate digital, but aren't sure which modes are on the air that day.



RON'S RAVINGS VICE PRESIDENT'S MESSAGE

Including The Fox Hole, Simplex Meeting on the Air, and More.

by Ron Wazsk, K3RJW

Well its that time again, time for me to write a note for the bulletin, so here goes.

We had a good and a bad month. Our good part was that we had a very high return on the SMOTA weeks ago. Lots of responders that were clear. We actually checked in 31 hams. I was stationed on Rt 222 up on the Mohnton exit of that part of the expressway. I did reach others that could not talk to me from the QTH and received from those that never heard me prior. Great day.

Bad part is that we cannot have a fox hunt yet due to the virus. I do not want to chance anyone getting sick either from the virus, or from just being outside in the cold. It's just not worth it.

Hope this thing goes away, as does everyone else. I miss the face to face with a lot of our members and as long as this goes on, we have our hands tied.

Our FLDIGI is doing great on Thursday evenings. We had a short one this Thursday (17th) but also had a new Ham trying out his FLDIGI. Thank goodness Dave, K3MXS was there to help him get his radio and computer talking to each other properly.

Since this wont go out till after the holidays, I hope everyone had a Merry Merry and a Happy Happy holiday season.

Thank you everyone.

RON W, K3RJW



Editors' Remarks

by Lori & Scott (KC3PCS) Scheirer

Happy New Year. First off let me start by saying that this will be the last Editor's Remarks column in the bulletin. With everything else going on, we've decided to make some changes to the bulletin. This includes no longer having the Editor's Remarks.

This brings me to some exciting news. The website committee and I have been working hard on a new design for the Reading Radio Club website. We are adding Club history, a "rolling" 12 month archive of the RRC Bulletin. While the website is a work in progress, we always invite feedback. Please email myself (kc3pcs@gmail.com or w3bn@qsl.net) to let us know what you think.

While 2020 may not have been the best year overall, it has been a great year for people to get on the air. Personally, I've gotten more radio time (despite being out on the road more due to my jobs). Let's make 2021 a great year and get on the air (both HF and the repeater). I know myself, I'm looking forward to more HF work. I hope to hear all of you on the air. See you in 2021.

73

Scott & Lori

VE News

RRC VE TEST SESSION December 11, 2020

On Friday evening, December 11, 2020 the Reading Radio Club sponsored its 101th Volunteer Examiner Amateur Radio Test Session. The Test Session was held prior to the RRC General Meeting in the Main Auditorium of the Berks County Agricultural Center, Leesport, PA. There were nine candidates in attendance. We started early, about 5:45 p.m., as the candidates began to arrive.

The Test results were as follows:

7 – Technician Class
2 – Extra Class

The candidates came from Birdsboro, Boyertown, Easton, Laureldale, Leesport, and Windsor. The candidates were invited to stay for the RRC General Meeting to follow at 7:30 p.m. The candidates were all invited to join membership in the RRC.

It was encouraging to have all nine candidates pass at least one test element. One candidate took and passed all three test elements to earn his Extra Class License.

Our Volunteer Examiners for this test session were: Harry Hoffman, W3VBY; Nate Rosenthal, N2ADD; Scott Scheirer, KC3PCS; and Ron Waszk, K3RJW.

Thanks to our VE Team for a job well done. The test session was completed by about 7:15 p.m. The test materials were packaged and delivered to the Sinking Spring Post Office on Monday morning December 14th for shipment by Priority Mail to the ARRL/VEC.

The next VE Test Session will be held at a later date to be announced.

If you need more information on Amateur Radio testing or wish to register for an exam, call the VE Team Liaison, Harry Hoffman, W3VBY at 610-678-8976 or send an E-mail to harryhoffmanjr@juno.com. The cost for participating in a test session this year is \$15 payable by check to the ARRL/VEC.

73, Harry Hoffman, W3VBY

Support Your Reading Radio Club Renew your Membership Today.

Article 4, Section 4 of the RRC Bylaws state that member dues are due and payable by the January 10th, 2021 monthly meeting. You can pay your dues at the regular monthly meeting or mail them to the PO Box shown on the form. Mailed dues payments will be considered timely if the postmark is on or before that date. Make checks payable to Reading Radio Club. If you want a membership card, include an SASE or see me at a meeting

There is a renewal form towards the end of the bulletin.

Nate N2ADD

RRC Treasurer

WHAT DO YOUR MEMBERSHIP DUES COVER FOR THE RRC?

- ◆ Repeater Operation / Maintenance
 - ◆ Fox Hunts
 - ◆ Field Day
- ◆ Programs / Speakers at meetings
 - ◆ Summer Picnic
- ◆ Future Kit / Project Builds
 - ◆ Storage Shed
 - ◆ Holiday Dinner
 - ◆ And more

Already Renewed? Thank You!!!!!!

Meeting Highlights

December 11th, 2020

Meeting Attendance: 30 (22 members / 8 guests)

RRC MEETING HIGHLIGHTS DECEMBER 11, 2020

By: RRC Secretary Harry Hoffman W3VBY.

The Friday evening December 11, 2020 RRC General Meeting was held in the Main Auditorium of the Ag Center in Leesport, Pa.

Masks must be worn due to COVID-19 restrictions.

1. Prior to 7:30 p.m. Jim Nicholas, W3ITH, was taking attendance.
2. RRC President Chris Schlegel, K3ADA, called the meeting to order at 7:35 p.m. In attendance were 22 RRC members and 8 guests for a total of 30.
3. RRC President Chris Schlegel, K3ADA, 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: Mark Hoover; Jeffrey Nash, KC3QLR; Mrs. Jennifer Nash; Alex Nicholas; Charles Orr; Alex Van Patten, W3AVP; Lori Scheirer; and William Winters.
5. RRC President Chris Schlegel, K3ADA, presented RRC Associate Member Letters to Michael Lubic, KC3QBU; and Chuck Zechman, W3CMZ. He also presented an RRC Supporting Member Letter to George Martin, Jr. Welcome to the RRC !
6. RRC President Chris Schlegel, K3ADA, presented RRC Full Membership Letters to Allen Hewitt, KC3EWJ; Joe Morrissey, KZ3OWL; and Kevin Stodart, N3SYT.
7. Proposed Bylaws Changes were read to the membership. A vote will be taken at a later date.
8. Vice President Ron Waszk, K3RJW, announced a possible indoor Fox Hunt in the future. May and June may have outdoor Fox Hunts scheduled. Ron also gives Fox Hunt lessons.
9. Vice President Ron Waszk, K3RJW, announced a Simplex Meeting on the Air (SMOTA) to be held this Saturday December 12, 2020 at 1 pm on 146.55 Mhz.
10. A FL-Digi net will be held on Thursday evening at 7:30 pm.
11. Joe Morrissey, KC3OWL, was presented with the Pagoda Award. Congratulations!
12. RRC Treasurer Nate Rosenthal, N2ADD, announced the RRC Meeting on the Air that we hold on Friday evenings on the RRC Repeater 146.91 Mhz starting at 8 p.m. We play the Amateur Radio Newslite at the beginning of each net.

(Meeting Highlights Continued on Next Page)

(Meeting Highlights Continued From Last Page)

13. Scott Scheirer, KC3PCS, is sending out our RRC Meeting (live stream) to those who cannot attend our meetings.
14. Radio History - 99 years ago was the first transatlantic broadcast by Paul Godley.
15. We all signed a Get Well Card for Rich Ahrens, W3WJC.
16. Tonight we had election of members to serve on the RRC BOD. The candidates were: RRC Vice President - Ron Waszk , K3RJW; RRC Treasurer - Nate Rosenthal. N2ADD; and RRC President Chris Schlegel, K3ADA. Blair Hogg, WB3AWI, will cast a vote to confirm the election of the three candidates.
17. We thank Jim Nicholas, W3ITH, and daughter Alex Nicholas for announcing ticket selection by RRC Members for door prizes. The door prizes were great and they did a wonderful job! At the end we opened up for our guests to choose from the remaining door prizes. We all had a great time!
18. The entertainment for tonight; was a mini-hamfest. Jim Nicholas, W3ITH, has items for sale from silent-key estates, and the proceeds will go to the RRC.
19. Our next RRC BOD Meeting will be held on Tuesday evening, January 5, 2021 by ZOOM starting at 7:30 p.m.
20. Our Next RRC General Meeting will be held on Friday January 8, 2021 at the Ag Center Main Auditorium starting at 7:30 p.m. We will have a series of videos on Airship History – “The Flying Carriers”.
21. RRC President Chris Schlegel, K3ADA, adjourned the meeting at 8:28 p.m. for a time of fellowship and refreshments.



M.O.T.A.

RRC MEETING ON THE AIR (RRCMOTA)

=====
By: Rich Ahrens, W3WJC (12.08.2020)

Check into the **RRC MEETING ON THE AIR** on the Friday evenings that we do not have an in-person meeting. The net, on 146.91 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 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 FM two-meter analog equipment.

The **Continuous Tone Coded Squelch System**, (CTCSS) frequency is 131.8 Hertz (3B). The CTCSS is often referred to as "PL" (Motorola's trade name) or "Channel Guard" (GE/Ericsson's trade name).

The net has been in operation since Friday January 21, 1994, when we had 13 check-ins during that first session, 27 years ago.

On Friday December 18, 2020, we had session number 1143. Jim Nicholas, W3ITH, was the Net Control.

No Reading Radio Club Meeting On The Air was scheduled for Christmas, Friday December 25, 2020.

The next RRCMOTA will be on New Year's Day Friday January 1, 2021, starting at 8:00 p.m., on the Reading Radio Club 146.910 MHz W3BN analog repeater. Jim Nicholas, W3ITH, will be the Net Control for session number 1144, on Friday January 1, 2021, starting at 8:00 p.m. local time.

NOTE: The next in-person RRC meeting is scheduled for Friday January 8, 2021, at the Berks County Agricultural Center, in Bern Township. Put the following address in your GPS device or GOOGLE MAPS:

1238 County Welfare Road Leesport PA

Face **MASKS** must be worn

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. (ARRL).

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

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50 YEARS AGO IN THE RRC - JANUARY 11, 1971

=====

By: Rich Ahrens, W3WJC, RRC Historian (12.17.2020)

The officers serving the Reading Radio Club, Inc. in January 1971 were:

President - Rich Ahrens, W3WJC
Vice President - John Freeman, K3CBE
Secretary - Al Brailer, W3UQC, (SK)
Treasurer - Frank Esseluhn, K3MGO, (SK) (Not a BOD Member)

Other RRC Board Members serving the RRC in January 1971 were:

Bill Ader, WA3GTR (SK)	Art Gantert, W3OLG (SK)
Gerry Baldauf, W3WX (SK)	Leo Hood, WA3FBP (SK)
Russ Frederick, W3CDS (SK)	Bob Wagner, W3GII (SK)

The Editor of the February 1971 READING RADIO CLUB BULLETIN was William "Bill" Ader, WA3GTR, (SK).

The following is, in a large part, the republishing of the "Highlights" of the January 8, 1971, monthly meeting taken from the February 1971 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 January 8, 1971, monthly meeting was held in the UGI "Flame Room" Auditorium at 225 Morgantown Road, Reading, Pennsylvania.

RRC President Rich Ahrens, W3WJC, opened the meeting at 8:00 p.m.

The January 8, 1971 monthly meeting was attended by 36 RRC members and four guests.

The winner of the door prize was RRC President Rich Ahrens, W3WJC.

President Rich Ahrens, W3WJC, introduced Rian Robison, W3EMW, from the small town of Gouglersville, Pennsylvania. Rian, W3EMW, is an Electronic Maintenance Technician working for the Sunoco Pipeline Company. Rian, W3EMW, has been involved with bringing the RRC 6 Meter Repeater Transmitter System up and running at the Deer Path site.

Rich, W3WJC, said that the RRC 6-Meter Repeater is in operation. The receiver, on 52.575 MHz, is located at the WEEU site on Mt. Penn (N 40° 21' 16" W 75° 53' 57") and the transmitter, on 52.640 MHz is presently located in his residence at 3404 Reading Crest Avenue, Muhlenberg Township. The repeater sports the W3CCH Call Sign.

(Continued on Next Page)

(Meeting Highlights Continued From Last Page)

Rich went on to say that at the Friday February 12, 1971 monthly meeting a demonstration of the 6-Meter Repeater will be conducted.

President Rich, W3WJC, congratulated Adrian Adkins, WA3NHI, on taking the trip to the Philadelphia Custom's House on December 29, 1970 and passing his General Class FCC exam. Adrian said that next year he is going to take the Advanced. Adrian had held the Technician license for many years but decided to upgrade with the Extra Class License his goal. Best of luck to Adrian.

Rich, W3WJC, read a cordial letter from our good friends at the Phil-Mont Mobile Radio Club, Inc., down Philadelphia way. They are extending an invite to other clubs to attend their March 1, 1971 meeting at The Franklin Institute Science Museum. The Institute has offered to have an evening sky show in the Planetarium for Phil-Mont members and their guests. Rich, W3WJC, asked the members to let him know at the February 12, 1971 meeting if you are interested in attending this Phil-Mont get-together. We will try and organize several carpools.

President Rich Ahrens, W3WJC, discussed the Federal Communications Commission's fee schedule. He said that [there has been a lot of misunderstanding](#). [Rich outlined the FCC fee](#) schedule:

Modification of a license without renewal is \$4.00

Modification with renewal is \$9.00

Renewal only is \$9.00

A Special Call Sign is \$25.00

Novice License is free & is non-renewable for a two-year term.

Rich, W3WJC, announced that Novice Code and Theory Classes are being held at the Wilson High School under the direction of Bob Plummer, W3ETJ / W3RP, and that presently there are twelve in the Code Class and three in the Theory Class. It is expected that the FCC Novice Exams will be given around the end of January 1971.

Rich, W3WJC, reported information from a recent ARRL survey of 575 Amateur Radio Clubs. The ARRL reported that the average club has 34 members and that 17 members attend the meetings. The average dues is \$7.45 per year. The survey revealed that the average club is down in both membership and attendance, and that annual dues are going up. The survey also showed that the use of FM is on the increase and that SSB is holding its own at 44 percent. Rich said he thought the RRC was doing much better than the "Average" Amateur Radio Club.

Rich, W3WJC, announced that the Friday February 12, 1971 meeting will be held at the UGI "Flame Room" Auditorium at 225 Morgantown Road, Reading, Pennsylvania, starting at 8:00 p.m.

(50 Years Ago Continued)

RRC Treasury Frank Esseluhn, K3MGO, reported that as of tonight, 45 out of a total of 78 RRC members, have paid their 1971 annual dues.

President Rich, W3WJC, said that the Annual Membership List will be published in the April 1971 RRC BULLETIN.

The entertainment for the evening was the showing of two films "A Place To Live" and "The House That Faith Built".

Reading Radio Club President Rich Ahrens, W3WJC, adjourned the meeting, for a time of fellowship and refreshments.



Reading Radio Club
January 11th, 1971

WE Exams

Are you looking to take your amateur radio test? Looking to upgrade? If we get enough interest, we can set up a test session before a meeting. Please contact Harry Hoffman
Tel: 610-678-8976 or email: harryhoffmanjr@juno.com.

Don't forget we have a test session scheduled in June at Field Day.

Repeaters & Nets

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

*** **DIGI Net** ***

Run by Harris, KC3PBI, Thursdays at 7:30 PM on the W3BN Repeater.

Check in and learn how to use FLDIGI and the digital modes.

***** NOTE: Next Net is January 7th, 2021 *****

ARES/RACES Repeater
County of Berks

Weekly Net—Monday's 8 PM.

147.18 (PL Tone 110.9)
All are welcome to check in and pass along information.

● Digital FM net on Thursday Evenings at 7 PM using the Brandmeister PA
● Crossmode Talkgroup 31425. All amateurs are welcome.
● We can communicate using just about every digital mode. Visit the EPA Section
● Webpage, <https://epa-arrl.org> for more information.



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

List your items here. Contact the editor.

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

Descriptions & Pictures are supplied by the Seller.



THREE SEVEN TEN 2 METER ACTIVITY INITIATIVE

By: Rich Ahrens, W3WJC (09/29/2018) (updated 1/27/2019)

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 146.910 MHz repeater.

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

(12.12.2020)

<p><i>STATS as of JANUARY 1, 2021</i></p> <p><i>Full Voting Members: 73</i></p> <p><i>Associate (Non Voting) Members: 17</i></p> <p><i>Supporting (Non-Voting) Members: 2</i></p> <p style="text-align: right;"><i>Total: 92</i></p> <p style="text-align: center;"><i>1/4 of Full Voting Members required for a quorum. (19)</i></p>	<p>52 RRC Members are members of the ARRL (57%).</p> <p>92 RRC Members receive the RRC BULLETIN via email (100%).</p> <p>82 RRC Members have a Broad Band ISP (89%).</p>
<p><i>"Life Member"</i></p> <p><i>Harry Hoffman, W3VBY</i> By RRC BOD action on November 10, 2020.</p> <p><i>"Honorary Membership for Life"</i> <i>Jim Nicholas, W3ITH</i> By RRC BOD action on December 8, 2009.</p> <p><i>"Life Member"</i> <i>Rich Ahrens, W3WJC</i> By RRC BOD action on June 6, 2006.</p>	

92 = Total RRC membership as of Jan. 1, 2021

90 = Jan. 2020	106 = Jan. 2009
92 = Jan. 2019	117 = Jan. 2008
88 = Jan. 2018	118 = Jan. 2007
78 = Jan. 2017	118 = Jan. 2006
81 = Jan. 2016	128 = Jan. 2005
84 = Jan. 2015	137 = Jan. 2004
87 = Jan. 2014	131 = Jan. 2003
88 = Jan. 2013	130 = Jan. 2002
93 = Jan. 2012	134 = Jan. 2001
96 = Jan. 2011	134 = Jan. 2000
105 = Jan. 2010	127 = Jan. 1999

There were 193 Members in 1978

Extra Class:	39	(42 %)
Advanced:	5	(5 %)
General:	24	(26 %)
Technician:	22	(24 %)
Novice:	0	(0 %)
No License:	2	(2 %)

May not total 100% due to rounding
 Data may not be up to date
 Checked for upgrades Sep. 22, 2020
 By Rich Ahrens, W3WJC

2021 Reading Radio Club – Meeting Dates at Ag Center

10/21/2020*

Tuesday – BOD Meeting - 7:30 PM	Friday – General Meeting
BY COMPUTER ZOOM	7:30 PM in the Ag Center Main Auditorium
ZOOM	(max 25)
January 5 th	January 8 th
February 9 th	February 12 th
March 9 th	March 12 th
April 6 th	April 9 th
May 11 th	May 14 th
June 8 th	June 11 th
July 6 th	July 9 th
August 10 th	August 13 th
September 14 th	September 17 th (3 rd Friday)
October 5 th	October 8 th
November 9 th	November 12 th
December 7 th	December 10 th

Ag Center Meeting Dates entered by Susan, Dawn, Lisa Hetrick, Penn State Cooperative Extension Office

Tel 610-378-1327 FAX 610-378-7961 on 10-21-2020 (revised)*

(Dates & Meeting locations have been entered in the Ag Center schedule book)

(Ag Center Security Telephone # 610-373-0776 Ext. 2538)

From – Harry Hoffman RRC Secretary Tel 610-678-8976 FAX 610-670-0135

The AG Center address is: 1238 County Welfare Road, Leesport, PA. 19533

The Heritage Park / Freight Station - entrance is at the end of Clematis St (GPS: 992 Clematis St, Sinking Spring, PA. 19608)

The Reading Radio Club, Inc. is a support service of the Berks EMA and is supported by an organized group of local volunteers who are FCC Licensed Amateur Radio Operators.

Other Events:

(Field Day - June 26th-27st, 2021 at Heritage Park, Sinking Spring, PA) weekend

(Picnic – July 17, 2021 at Heritage Park, Sinking Spring, PA) - Saturday

(Hamfest – August 7, 2021 at Heritage Park, Sinking Spring, PA) - Saturday

READING RADIO CLUB, INC

2021 ANNUAL DUES NOTICE

The RRC 2021 annual dues are payable starting November 1, 2020. This is the only notice that will be issued. The dues are payable in full by January 1, 2021. The dues are unchanged from 2020 and are per the following schedule for Full and Associate members.

- UNDER 18 YEARS OF AGE, \$5.00\$ _____
OR
 - AGE 18 OR OLDER, \$21.00\$ _____
 - SUBSEQUENT FAMILY MEMBERS AGE 18, OR OVER, LIVING IN
THE SAME HOUSEHOLD – HALF RATE, \$10.50\$ _____
 - REJOINING, \$5.00 INITIATION FEE (Former members who did NOT
pay their 2020 dues)\$ _____

 - DONATION (Tax deductible – we are 501(c)(3))..... (OPTIONAL) \$ _____
- TOTAL \$ _____
-
-

Please complete the following information to insure credit to your membership account and to confirm our records. Also, if your US mailing address, email address, telephone number, or license class has changed in the past year, **please print** the new information on the “NEW INFO” lines below.

NAME: _____ CALL SIGN: _____

NEW INFO: _____

NEW INFO: _____

LICENSE CLASS: (circle one) EXTRA ADVANCED GENERAL TECHNICIAN NO LICENSE

LICENSE EXPIRATION DATE: _____

MEMBER OF THE ARRL: (circle one) YES NO EXPIRATION DATE: _____

INTERNET SERVICE: (circle one) BROAD BAND (DSL, CABLE) or DIAL-UP

EMAIL ADDRESS FOR THE RRC BULLETIN: _____

IF paying Treasurer at RRC Meeting please bring this form with you. Thank You!
PLEASE MAKE CHECKS PAYABLE TO: READING RADIO CLUB, INC.

IF MAILING PAYMENT, INCLUDE THE ENTIRE COMPLETED FORM WITH YOUR PAYMENT.

(DO NOT CUT FORM APART)

THE CLUB ADDRESS IS (USPS format):

READING RADIO CLUB INC
TREASURER
PO BOX 13777
READING PA 19612-3777

Thank you for your payment and continued support of the READING RADIO CLUB.

RRC Calendar of Events

January 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 MOTA (8 pm)	2
3	4 ARES/RACES (8 pm.) 147.18	5 RRC BOD Meeting ZOOM 7:30 PM	6 QCWA Virtual Breakfast 9:30	7 Digi Net 146.91 7:30 PM	8 RRC Meeting AG Center 7:30 PM	9
10	11 ARES/RACES (8 pm.) 147.18	12	13	14 Digi Net 146.91 7:30 PM	15 MOTA (8 pm)	16
17	18 ARES/RACES (8 pm.) 147.18	19	20	21 Digi Net 146.91 7:30 PM	22 MOTA (8 pm)	23
24/31	25 ARES/RACES (8 pm.) 147.18	26	27	28 Digi Net 146.91 7:30 PM	29 MOTA (8 pm)	30

PLEASE NOTE:

January 5th, 2021—7:30 PM —Board Meeting— ZOOM

January 8th, 2021—7:30 PM —Club Meeting— AG CENTER

January 6th 2021—9:30 AM — QCWA Virtual Breakfast—W3BN Repeater

January 25th 2021— 9 PM— QCWA Family Nite On The Air

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.

January Birthdays: Donald McKinney, W3FCT; Aiden Schlegel, KA1DAN; Roger Rehr, W3SZ; Joe Pietruszynski, AC3DI

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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 © 2020 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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January 1st, 2021 - EMAIL VERSION STARTED ON FEBRUARY 10, 1998.
CIRCULATION: 90 RRC - 106 RRC ELIGIBLE NON-MEMBERS,
FIVE CLUBS WE SWAP BULLETINS WITH, PLUS 10 OTHER CLUBS.
THE FREQUENCY OF PUBLICATION IS MONTHLY.

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Got an idea or an article for the Bulletin? Be sure to send it to us kc3pcs@gmail.com. All submissions are welcome.



Deadline for the February Newsletter is January 31st, 2020. However, earlier is better. Please submit to kc3pcs@gmail.com.