



HARMONICS

1916

South Jersey Radio Association

2019



President's Message

Ken- K2WB



As the leaves start turning and will eventually fall to the ground, this is a time for cooler weather in the evenings and warm days. It is also the start of the contest season for those who enjoy contests.

Last month the GCRC (Gloucester County Radio Club) had their ham fest/convention in Mullica Hill. They provided clubs table space to publicize their clubs. I want to thank John, W2FDJ and others for their help in manning the club table.

Club QSO Party - This is our third year running the club QSO Party, anyone interested to operate as K2AA should contact me as soon as possible. If you operate as K2AA any contacts made count towards your own personal contact count.

The next big "SJRA" event will be the November Sweepstakes. Traditionally the SJRA will provide any member who submits their log with the SJRA as their club

affiliation the normal ARRL awards should you qualify. These would be a participation pin for anyone who makes at least 100 contacts and a clean sweep coffee mug for anyone that contacts all 83 ARRL/RAC sections. CW is November 2-4 and SSB is November 16-18. For more information go to the ARRL webpage for rules and more information.

Last year we put K2AA on the air for the November Sweepstakes. It was a fun time for all, the operation was low key, while serving as a club facility and help SJRA members to gain experience in operating in a contest and use N1MM. If you are interested, please contact me so that you can be put in the operator schedule and get an Elmer setup if you want one. K2AA will most likely operate from my QTH in Marlton out of T3.

We have several nets ranging from repeater on Monday night, Fusion Net and Simplex on Thursday nights. Matt, N2IDW has been doing a great job setting and coordinating the nets. He is always looking for net control operators. Contact Matt, N2IDW if you would like to try it out.

CQWW - I encourage anyone to operate in the contest. This is one that is easy, and you can achieve DXCC in one weekend with 100W transmitter and a simple antenna farm. From New Jersey & Pennsylvania

(Continued on page 6)

SOUTH JERSEY RADIO ASSOCIATION

HARMONICS is published monthly and is the official news letter of the South Jersey Radio Association. The SJRA was established on June 16, 1916 and has been meeting continuously since its inception. The club has been affiliated with the American Radio Relay League since 1920.

The SJRA meets each month on the fourth Wednesday, January through September; and usually the third Wednesday, October, November and December; in one of the Meeting Rooms of the Gibson House at 525 East Main Street, Marlton, NJ 08053. Visitors are always welcome at our general meetings. **“Our Meetings are Smoke Free”**

SJRA operates the K2AA Repeater (145.290 - PL 91.5) located in Medford, NJ and the K2UK Repeaters (146.865 and 442.350 - PL 131.8) located in Pine Hill, NJ. The repeaters are open for use without restriction to all licensed amateur operators.

There are currently over 100 SJRA members active in most all aspects of amateur radio. Membership is by application and is subject to the approval of the Board of Directors. Club dues are currently \$30/yr. for memberships, \$22.50/yr. for retired-person membership (62 plus 1 yr. membership), and \$15/yr. for additional family members and student membership. Membership information is available on the SJRA website: www.sjra.org or from Alan Handley, K3WWT, 610-532-5407 Email: sjra@sjra.org SJRA's web page: www.sjra.org

SJRA VE Team: ve@sjra.org is the SJRA/ARRL VUCC card checker

Joe Fisher, KC2TN, is the SJRA/ARRL WAS card checker

 ★ Harmonics is now available for SJRA members on the WEB in pdf ★
 ★ format at: <http://www.sjra.org> ★
 ★ South Jersey ARRL Section News is available on the WEB at: ★
 ★ <http://www.arrl.org/Groups/view/southern-new-jersey> ★
 ★ *****

Officers

President: Ken Botterbrodt, K2WB
Vice Pres.: John Doran, W2FDJ
Treasurer: Roy Herman, WB2EOD
Rec. Sec: Carl Hyde, W2CSH
Cor. Sec: Dennis Cioffi, AC2FO

Directors:

Art Arnold, N2CPR
 Tony Canuso, N2ATB
 Holden Correia-Fisher, KD2JPV
 Matt Grohgans, N2IDW
 Rick Lawn, W2JAZ
 Frank Longbottom, AA2AW
 Al Witner, N3AVT

Committees:

Historian: Mark Walters, KD2JPW
Membership: Vacant (Please Volunteer)
Field Day: Ken Botterbrodt, K2WB
Contests: John Doran, W2FDJ
Repeater: Robert Sunbury, K2UQ
Programs: Carl Hyde, W2CSG & Rick Lawn, W2JAZ
H&W: Roy Herman, WB2EOD; and Dara Herman, KC2THQ
Awards: Jim Higgins, KC2SZ
Hospitality: Jean Priestley, KA2YKN
Nets: Matt Grohgans, N2IDW
Publicity: John Johns, KD2RKA
Picnic: Vacant (Please Volunteer)
Ways & Means: Roy Herman, WB2EOD
Property: Frank Longbottom, AA2AW
Web Site: Ira Weinstein, W2IRA

Harmonics Staff:

Publisher/Editor: Al Ziegler, KD2ST
Alternate Editor: Ted Groke, N8MP
Circulation: Jim Vecchiola, KR2T

LOCAL WEEKLY NETS

Mondays FM Net; Swap Net every 4th Monday	K2AA Repeater, PL: 91.5	145.290 @ 8PM
Fusion on 2 ND & 4 TH Thurs.	K2AA Repeater, DN mode	145.290 @ 8PM, Fusion
6M SSB on 1 st Thurs.		50.150 MHz USB @ 8PM
2M SSB on 3 RD Thurs.		144.260 MHz USB @ 8PM

Harmonics Deadline

Articles submitted for the next Harmonics will be accepted until Monday, November 11, 2019. Email: harmonics@sjra.org

SWAP SHOP - For Sale/Wanted ads are free of charge and are accepted for Amateur Radio related items only. While ads are not restricted to SJRA members, there is only limited space available and members have priority for listings. No items will be accepted for inclusion in the Swap Shop from commercial vendors or traders. All ads must be submitted at least three weeks prior to the scheduled SJRA general meeting date.

GENERAL ADVERTISING - Limited commercial advertising is accepted on a space available basis. Annual advertising rates range from \$25/yr (Min 1/8 page) to \$200/yr (Full Page). Information is available from Ken Botterbrodt, K2WB.

Meeting Minutes

Minutes of September 4, 2019 BOD Meeting

Time: 1930

Facilitator: Ken, K2WB

In Attendance: Carl W2CSH; Frank, AA2AW; Holden, KD2JPV; Roy, WB2EOD; Art, N2CPR; John, KD2RKA; Ken, K2WB; Dennis, AC2FO; Al, N3AVT; Tony, N2ABT; John, W2FDJ; Rick, W2JAZ & Matt, N2IDW

Approval of Minutes: The minutes of the August meeting were approved.

Board: Ken, K2WB called the meeting to order.

Treasurers Report: Roy, WB2EO presented the treasurers report. There was a motion to accept which was seconded and the motion carried.

Membership: Art, N2CPR presented the membership applications of W3CGS, KD2RXK, KD2PZW, N2TYS, KD2RRU, KD2ALQ, N3XKE. There was a motion to accept these individuals as new members which was seconded and unanimously approved.

Correspondence Secretary: Dennis, AC2FO reported receiving a letter from the Mayor of Evesham Township Jackie Veasy expressing thanks for the Field Day tour and interest in knowing the club's final score for Field Day.

Harmonics: Al, KD2ST – No Report

Repeater: Ken, K2WB with the board's unanimous support will give the Repeater Committee four goals to reach before the end of the year. These are to get the K2UK VHF repeater connected to the internet, to

link the two repeaters for nets and wider coverage, to put the K2UK on Wires-X and keep it permanently connected to America link, and to put the UHF repeater in the air sharing the existing antenna while preparing a request to the township engineer for a UHF antenna at a future date.

History - No Report

Club Merch - No Report

Contests: John, W2FDJ discussed the October 19th club QSO party. Members will be reminded to sign up at the September general meeting. The board decided to set a 175 mile radius as the around the Medford area to be the official member area for club members in the contest. The Boy Scout's Jamboree on the Air (JOTA) is the same day and volunteers will be solicited to help with that effort in equipment and time. Volunteers can also work the contest while supporting the scouts.

Health and Welfare: Roy, KC2EOD reported that a sympathy card and a call of condolence was made to our member Mark Walters in his time of loss. Roy will also give a call to Bob Applegate, K2UT to send along greeting and thoughts from the club.

Nets: Matt, N2IDW – It was discussed that a new net be established on the K2UK repeater to replace or supplement one of the Thursday night nets. This will be discussed at the general meeting.

Awards: No Report.

(Continued on page 4)

(Meeting Minutes Continued from page 3)

Programs: Rick, W2JAZ- Programs are set through April of 2020. Rick is now off the hook for programs. Carl, W2CSH is the new Programs Chairperson.

K2AA Web Site: Ken had a discussion with Ira, W2IRA about continuing as the Web administrator. Ira expressed a desire to continue. Ken explained the goals that need to be met in getting the web site up to date and professionally presented. These goals are an updated BOD list, updated calendar of events, updated membership application, VE Session schedules and locations, conference link, the Dayton trip and links to social media. John and other interested members will assist in revamping the web site and progress will be monitored.

VE Team: Al, N3AVT – The VE Team has licensed or upgraded 282 new hams so far. They are fast approaching the 300 mark.

Publicity: John, KD2RKA – The Dayton bus trip is moving forward. Hotels have been reserved and the bus arrangements made. The final day to make reservations will be given at the general meeting. The trip is open to other clubs. John made a motion to give him a reimbursement check for five hundred dollars to cover the bus company reservation. This was seconded and approved by the board.

John stated that the SJRA Facebook page is receiving more traffic. The members will be encouraged to share the link and to post comments on the page.

John is preparing business type cards that can be handed out by members to attract new members and inform people of nets and

monthly meetings. Samples will be available soon for the general membership.

Old Business: At the July meeting the Uber Conference App was used to allow members not able to attend to participate remotely in the meeting using the internet. The five people who attended on line were very pleased with the process.

Property: Frank, AA2AW is coordinating with the Repeater Committee to get the equipment inventoried at the new repeater site. There will be a work party in the fall to inventory the property in the club trailer. Volunteers will be needed.

New Business: John, W2FDJ will have a flyer and information on the Boy Scout's JOTA effort so that club members can volunteer to help with equipment and control operator support. The club repeaters will also be utilized for this event. Art, N2CPR will help coordinate and schedule the volunteers.

The meeting was adjourned at 9:10

Submitted by Carl Hyde, W2CSH

Upcoming Regional Hamfests November 2019

Nov. 2nd: **New Jersey Antique Radio Club Fall Swap Meet** 8am at Parsippany PAL, 33 Baldwin Rd, Parsippany, NJ. Website: http://www.njarc.org/images/NJARC_Fall_2019_flyer.pdf

Nov. 29th: **Fair Lawn Amateur Radio Club Auction** Open 5pm to 10pm at The Fair Lawn Senior Center; 11-05 Gardiner Rd, Fair Lawn, NJ. Website: <http://flarc.net/AUCTION.pdf>

VE Report

The 300th person to obtain an initial license or upgrade with the SJRA VE team wins free SJRA Membership for one year!

Total New or Upgrades to Date

Tech	General	Extra	Total
166	77	39	282

Items for Sale

Antennas for Sale:

Cushcraft A3W with 30m driven element. For WARC bands 30/17/12m: \$150.00

Hy-Gain TH6DXX – 20/15/10m: \$150.00

Hy-Gain 402BA – 2 Element 40m Beam: \$200.00

They will be available before the end of June. They will be disassembled and marked for easy reassembly and transportation.

Contact by email: **ken at k2wb dot com**

Cushcraft Model A-3WS 3 element WARC bands beam antenna still in the box never opened. Will accept any reasonable offer for it or willing to trade or deal. If interested please contact **Jack Froehlich**, W2AF at **856-809-2965** or **609-352-9696**.

The antenna can be picked up in Atco, NJ. Thank you for your time.

Limited Seating – Register Now!

2020 Hamvention Bus Trip South Jersey to Dayton, OH



Only \$150!

Bus Fare and Hamvention Ticket (hotel separate)

Thursday, May 14 – Sunday, May 17, 2020
South Jersey Radio Association

Agenda includes
The National Museum of the US Airforce
on Friday or Saturday
(Admission not included)



Discounted Hotel Rooms Available

The World's Largest Hamfest!

Large Outdoor Flea Market Major Prizes Free License Exams Dozens of Forums Special Events Station Inside Exhibits

Email press@sjra.org for a registration form

New Members

The SJRA would like to welcome the following new members to our Club:

- Karl Davis, KD2SSE
- Joseph Gallagher, KC2VAQ

SJRA is Now on Facebook

For those who have not heard, we have a SJRA group page on Facebook. It allows us to share files/pictures, demonstration videos, announcements, reminders, etc. If you are active on Facebook, please join us and invite any prospective SJRA members to do the same.

<https://www.facebook.com/groups/SJRA.K2AA/>

facebook | join our group +
sjra.k2aa

(President's Message Continued from page 1)

the exchange is easy... Just remember 59 05 (Signal) and CQWW Zone and have fun.

If you do participate in a contest, you can help the SJRA by listing the SJRA as your affiliated club. The club robot needs it put as "South Jersey Radio Assn" to count. Send your summary sheets to **contests at sjra dot org**

Awards - Jim, KC2SZ will start looking for nominations for the club awards. The Club Awards are the Amateur of the Year and the Gordon Kressel award. To nominate someone who is deserving of an award email Jim with details of why and which award they qualify for. Send your nominations to **awards at sjra dot org**.

Renewals - It is that time of year again, time to renew your membership. We will be sending out renewal forms soon. Renew early so that you don't miss any editions of Harmonics.

73's

de Ken K2WB



SJRA Monthly Breakfast

Join us on the second Saturday every month at 9:15 am at the **Bob Evans Restaurant**; 601 Fellowship Rd , Mount Laurel , NJ 08054 for an informal get together.

Radio Sport aka Contests

John, W2FDJ, johnd152 at Verizon dot net

Member's activities:

Please send your thoughts and ideas to me at **johnd152 at Verizon dot net** for publication.

ARRL Sept VHF Contest

The weather was great, and it was a busy weekend with the SJRA breakfast on Saturday morning, and a local Hamfest on Sunday which combined to lower activity on the VHF bands. Logs were received from the following members:

Name	#QSO'S	# Grids	Points
Rick, W2JAZ	53	20	988
John, W2FDJ	46	19	988
Roy, WB2EOD	29	7	612
Dara, KC2THQ	29	7	612
Dom, KD2EPM	13	2	102

NJ QSO PARTY			
Name	# QSO'S	# States	# NJ Counties
Dom, KD2EPM	14	8	6

Upcoming Contests - see arrl.org or contestcalendar.com for rules and more details.

We lead off first, with our very own Club QSO Party contest. It will be very easy to participate. Make contacts by using your call/103 and SJRA as the exchange. You can work anyone whether in the contest or not, have a discussion with them and explain what the /103 means and who SJRA. Try to work K2AA/103. Then file a summary when you're done with SJRA.

Make a few contacts or many. All modes, just about all bands, including our K2AA repeater may be used. See the rules which I have sent out and join the fun. For extra fun sign up to use your own station as K2AA/103 for an hour or so. (again all bands, modes are game - see rules). All contacts you make while K2AA/103 count towards your personal total.

Club QSO Party: 10/19-20, Sat 2PM EDT to Sun 2PM HF, 6m, 2m,70cm. Any mode.

Every Tuesday only

Phone Frey 10:30PM-11PM. (yes 30 min) (ten weeks -4 times a year).

Every Wednesday only

CWops Mini-CWT test 9 -10AM, 3-4PM, 11-12PM (three one hr. sprints).

Every Thursday only

NCCC Sprint 10:30PM-11PM. (yes 30 min.).

Every Thursday only

NCCC RTTY Sprint 9:45-10:15PM. (30 min.).

(Continued on page 8)

(Contests Continued from page 7)

432 mHz Fall Sprint: 10/9, Wed 7PM EDT to 11PM; 432 Mhz, mode not specified.

Microwave Fall Sprint: 10/12, Sat 8AM EDT to 2PM; Microwave, mode not specified.

Oceania DX Contest CW: 10/12-13, Sat 4AM EDT to Sun 4AM; HF, CW

ARRL School Club Roundup: 10/14-18, Mon 9AM EDT to Fri 8PM All bands except 60, 30, 17 & 12m. CW, Phone, Digital

Looking Longer Range:

ARRL Sweepstakes: 11/2-4, Sat 5PM EDT (24 of 30hrs) To Sun 10PM EST (time change). HF; CW

ARRL Sweepstakes: 11/16-18, Sat 4PM EST (24 of 30hrs) To Sun 10PM EST ; HF, Phone.

CQ WW DX Contest CW: 11/23-24, Fri 7 PM EST (48hrs). HF; CW

ARRL 160-Meter Contest: 12/6-8, Fri 5 PM EST to Sun 11AM; 160 mtr, CW

All SJRA Members

Dennis – AC2FO

The South Jersey Radio Association cordially invites all members and their families to attend the SJRA Holiday Party on December 18th at 7 pm at the Gibson House. The regular business meeting and awards ceremony will follow. Come join our end of year party for dinner, desserts and SJRA Awards.

Cost is \$15 per person cash or check payable to SJRA via Treasurer.

If you are thinking of attending just send an email back to Dennis at **ac2fo at comcast dot net**. All we would like is a confirmation that you are coming and how many plan to attend. Please be mindful of the fact that the Club does pick up a portion of the bill and we are stuck paying for No Shows who have confirmed. Dec 10th will be the cut off date as final total needs to be given to the caterer.

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Award Nominations Please!

Jim – KC2SZ

It's not too early to be thinking about SJRA awards given out annually at the December Holiday dinner party. Each year SJRA recognizes significant accomplishments of its members by presenting three prestigious awards – Miles Brown Award for Technical Merit, Harry Densham Amateur of the Year Award and the Gordon Kressel Long Term Service Award. These awards bring distinction and recognition to deserving amateur radio operators for their activities, accomplishments, and exceptional contributions to the hobby and the SJRA. The SJRA website has more information about these awards and past recipients.

The Awards section of the SJRA website gives a full description of each award. Just click on the image to view previous SJRA Award winners. Email nominations can be sent directly to "*KC2SZ01 at gmail dot com*".

Alternately, you can submit your written nominations to any board member. Your nominations need not be lengthy and can also be "snail mailed" to Jim at his home address: 1100 Edgewood Ln., Cinnaminson, NJ 08077.

The deadline to submit nominations this year is the November 20th SJRA meeting.

List Your "For Sale" Ham Stuff in the SJRA Harmonics

Email: [harmonics at sjra dot org](mailto:harmonics@sjra.org) with your listing.

Can You Copy at 20 Words Per Minute By Hand?

By Dan Romanchik, KB6NU

About a month ago, this email from the ARRL was sent to the CWOps mailing list:

From: Fusaro, Norm W3IZ [mailto:w3iz@arrl.org]

Sent: Monday, July 1, 2019 4:00 PM

Subject: W1AW Code Proficiency Certificate

Greetings Morse Code Enthusiasts.

I have some exciting news that I want to share with you! The ARRL has reinvigorated the W1AW Code Proficiency Certificate program. Several things have changed beginning with our new sponsor, Vibroplex, a legend in Morse telegraphy equipment. If you see Scott Robbins W4PA and the Vibroplex team at a hamfest or convention please be sure to thank him for his support. The Vibroplex logo will appear on the newly designed certificates (see below) and in the award recipient page that will appear every month in QST.

That's right, each month in QST we will publish the most recent recipients of the W1AW Code Proficiency Certificate, beginning with all the 2019 recipients. As a bonus, we are sending all the 2019 CPC holders a new certificate at no cost to replace their older style award.

The award is available to anyone who copies one solid minute of code during the qualifying runs. Complete program details can be found on the

(Continued on page 10)

SJRA Jackets, Shirts, Hats

Order NOW - Next order going in soon!



Spring Jacket is \$51 (S,M,L,XL), Fall Jacket is \$58 (S,M,L,XL),
 Shirts are \$28 (S,M,L,XL), Hats are \$20 (one size fits all)
 Name and Call Sign embroidery included....Larger sizes slightly more!
 Email Joe, KC2TN, with orders or additional info: kc2tn at comcast dot net

Amateur Radio FCC License Testing

The SJRA sponsors *FREE* Amateur Radio FCC License testing on the third Wednesday of each month, except Nov & Dec. TBD. The location is: New Brooklyn United Methodist Church; 1336 E. Malaga Rd. Williamstown, NJ 08094. Registration is at 7:00 PM and testing begins at 7:30 PM. Walk-ins are accepted.

VE team members can be reached at *VE at SJRA dot org*. A calendar and more information can be found on the SJRA web site.

October Meeting:**Is the **Fourth** Wednesday, October 23, 2019**

The meeting commences promptly at 7:30 PM in the first floor Meeting Room of the Gibson House on Main Street, Marlton, NJ 08053. Guests are always welcome.

Program For October:

Our program for October is High Speed Multi-Media Mesh Networking by Randy Smith, WU2S.

SJRA Member November Birthdays

November Birthdays are: Art Arnold, N2CPR; Mike Fischbach, KB2RHI; Joseph Lameiras, K2WJL; Richard Von Lintig, KV2R; Jerry Parker, KC2JTT

Health and Welfare Co-chairpersons: Roy, WB2EOD and Dara, KC2THQ

November Meeting:**Is the **Third** Wednesday, November 20, 2019.****First Class Mail**

South Jersey Radio Association
15 Pelham Road
Marlton, NJ 08053

