



## 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](http://www.sjra.org) or from Alan Handley, K3WWT, 610-532-5407 Email: [sjra@sjra.org](mailto:sjra@sjra.org) SJRA's web page: [www.sjra.org](http://www.sjra.org)

SJRA VE Team: [ve@sjra.org](mailto:ve@sjra.org) is the SJRA/ARRL VUCC card checker

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

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 ★ 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

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 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:** **Vacant (Please Volunteer)**  
**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 <sup>ND</sup> & 4 <sup>TH</sup> Thurs.	K2AA Repeater, DN mode	145.290 @ 8PM, Fusion
6M SSB on 1 <sup>st</sup> Thurs.		50.150 MHz USB @ 8PM
2M SSB on 3 <sup>RD</sup> Thurs.		144.260 MHz USB @ 8PM

### Harmonics Deadline

Articles submitted for the next Harmonics will be accepted until Monday, December 9, 2019. Email: [harmonics@sjra.org](mailto: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

Meeting minutes were not available for this edition. We will publish the minutes in the December issue.

### Award Nominations Please!

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 **John Doran, W2FDJ** at: **johnd152 at verizon dot net**.

Alternately, you can submit your written nominations to John or any board member at the November General Meeting. Your nominations need not be lengthy and can also be "snail mailed" to John at his home address: 113 Brace Rd. Cherry Hill, NJ 08034.

The deadline to submit nominations this year is the November 20<sup>th</sup> SJRA meeting.

### October's General Meeting Presentation



Photo by John Jones, KD2RKA

Randy Smith, WU2S - President and Founder of Amateur Radio Emergency Data Network Inc. (AREDN) gave a presentation on High-Speed Multi-Media Mesh Networking for the 21st Century. The presentation covered how to use the amateur radio microwave bands, proven Internet protocols and open source software to build and deploy a reliable RF-based network. This capability can be utilized to support emergency responders and disaster relief agencies.

## New Ham?

If you are a new ham or have been a ham for a while and have any questions regarding amateur radio practice, technical questions or need how-to advice, please send your questions to: **Elmer at [sjra dot org](mailto:sjra dot org)**.

The SJRA has over 100 members with a variety of experience in all aspects of Amateur Radio that are willing to help.

## ARRL Sweepstakes (Phone)

Ken, K2WB will have his trailer set up at his QTH and all members are invited to get on the air. This event is scheduled for November 16-17th. Ken will have a sign-up sheet available to schedule a time slot. If interested, please e-mail Ken at: **ken at [k2wb dot com](mailto:k2wb dot com)**.

This is an excellent opportunity for members that don't have a HF station or members wishing to gain contesting experience.

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](mailto:press@sjra.org) for a registration form**

## VE Report for October 16<sup>th</sup>

**Albert J Bassetti, KD2FGG**  
900 Broad Street  
Florence, NJ 08518  
Earned his General

**Karl D Davis, KD2SSE**  
38 Jacamar Dr.  
Voorhees, NJ 08043  
Earned his General

### Total New or Upgrades to Date

Tech	General	Extra	Total
166	79	39	284

Please note that there are no VE sessions scheduled for November or December due to SIRA meeting conflicts. The next scheduled VE session is January 15, 2020.

## New Members

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

- Karl Davis, KD2SSE

## Items for Sale

**ICOM 9100**—I've got too many radios and it's time to part with this shack in a box.

The transceiver covers 160-6 meters plus the 2 meter, 70 cm, and 23 cm bands. It also has the additional DStar module. The radio has stock filters and comes with the original box, mic, power cord and manuals. It is guaranteed and in fine condition. Asking \$1,500. Contact **Rick, W2JAZ** at 856-904-6488 or **rjlawn at Gmail dot com**.

### 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.



## SJRA Monthly Breakfast

Join us on the second Saturday every month at **9:30 am** at the **Bob Evans Restaurant**; 601 Fellowship Rd, Mount Laurel, NJ 08054 for an informal get together.

## All SJRA Members

Dennis- AC2FO

It is that time of year again to prepare for the annual SJRA Holiday Party.

When: Wed, December 18, 7:00pm - 9:30pm.

Located at: Gibson House 535 East Main Street Marlton, NJ 08053

The dinner will be served buffet style, appetizers are provided before the dinner, provided by the SJRA Board of Directors. There will be a selection of three entrees and two veg along with salad and rolls, drinks, along with coffee and desserts.

SJRA customarily picks up the cost of server, and the extra cost for the dinner, tax, gratuity.

The Cost Per person is \$15.00.

If you are unable to attend after giving a commitment to be there, we will have five days prior to the party to remove you and adjust quantity with the Caterer. We (SJRA) are charged for the quantity we provide a week before hand not how many show up at the night of the party. Please keep that in mind if you are unable to make it.

Payment can be made at the door or to Roy Herman at the next general meeting via check, cash or via PayPal.

If you plan on paying ahead of time to Roy please email me (**ac2fo at comcast dot net**) that you are attending and how many.

If you would like to attend, please contact me with your name and quantity. Look forward to seeing everyone there.

## 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/>



## 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.

### Club QSO Party (was Oct. 19<sup>th</sup>-20<sup>th</sup>)

This SJRA sponsored contest completed a third year of running with good support by our members. K2AA/103 was on the air available for contacts about 60% of the 24 hours. Score summaries from participants have begun arriving. The deadline for submissions is the end of the day Wed, Nov 20<sup>th</sup>. Ken, K2WB is collecting the results into spreadsheets so we should have results available in December.

### CQ WW DX Contest SSB (was Oct 25<sup>th</sup> - 27<sup>th</sup>)

Raw scores from CQ WW Website:

Name	#QSO'S	Points
John, W2FDJ	231	112,690
Frank, AA2AW	179	52,008
Tom, N2XW	-	3,649

**Upcoming Contests** – see [arrl.org](http://arrl.org) or [contestcalendar.com](http://contestcalendar.com) for rules and more details.

### Every Tuesday only

**Phone Frey** 9:30PM-10PM. (yes 30 min) (ten weeks -4 times a year).

### Every Wednesday only

**CWops Mini-CWT test** 8-9AM, 2-3PM, 10-11PM (three one hr. sprints).

### Every Thursday only

**NCCC Sprint** 9:30PM-10PM. (yes 30 min.).

### Every Thursday only

**NCCC RTTY Sprint** 8:45-9:15PM. (30 min.).

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**ARRL Sweepstakes:** 11/16-17, 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

### Looking Longer Range:

**ARRL RTTY Roundup:** 1/4-5, Sat 1 PM EST to Sun 7 PM. HF. Modes: RTTY, Digital

**ARRL Kids Day:** 1/4, Sat 1 PM to 7PM HF + 17, 12, 2m. Mode: SSB

**North American QSO Party CW:** 1/11-12, Sat 1 PM to 1 AM Sun. HF. Mode: CW

**North American QSO Party SSB:** 1/18-19, Sat 1 PM to 1 AM Sun. HF. Mode: SSB

**ARRL January VHF Contest:** 1/18-19, Sat 2 PM to 11 PM Sun. 50Mhz and up. Any-mode.

## SJRA Membership Renewal Begins January 1, 2020

This is just a brief reminder that DoozRdo on January 1, 2020. We've tried our best to make it convenient for you by going to the Club's website and following the instructions on the renewal form: <https://sjra.org/sites/default/files/2018%20RENEWAL%20AND%20NEW%20MEMBER%20FORM%20updated%203%2014%202018.pdf>

Several members have renewed so far so beat the rush and renew your membership today.



Thanks, Happy  
New Year and 73,

Roy Herman,  
WB2EOD  
Treasurer, SJRA  
19 Bryce Road  
Voorhees, NJ 08043

## Garage Sale of Electronic Items

Dean—N2AWJ

I am moving to an apartment and am looking to get rid of a lot of electronic parts and other workshop items. Anyone interested is invited to come to my house on **November 16th** from 10 AM to 2 PM.?

Much of the stuff will be free for the taking but I would like it to go to hams who will make good use of it.

My address is 110 Merion Way, Hainesport, NJ 08036.

I can be contacted at: **dean\_gross at Hotmail dot com**

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

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

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## How to get “Plugged in” to the Amateur Radio Community

By Dan Romanchik, KB6NU

This morning, I found this email in my inbox:

*Thank you for your website and great content. I passed the Tech and General tests on Saturday, and I will be taking the Extra exam in November. Your “No Nonsense” guides were very helpful.*

*I do have a question, though. How do I stay current on what’s happening in the ham world? For example the CQ WW SSB contest was this weekend. How do newbies know this kind of thing? How do we find local or regional hamfests and other events?*

This is a great question. Like any special interest, it can seem daunting to get plugged in (pun intended) to the community. Here are a few of my suggestions:

**Join the ARRL** (<http://arrl.org/>). The American Radio Relay League (ARRL) is really the place to start for information related to amateur radio. *QST*, the ARRL’s monthly magazine, includes news about upcoming contests and ARRL-sanctioned hamfests. It also reviews new amateur radio products and provides a wealth of technical information.

In addition to *QST*, the ARRL publishes many email newsletters that members can subscribe to. For example, *Contest Update* is a biweekly newsletter that not only lists upcoming contests, but also includes tips on operating contests. The *ARES E-Letter* is a monthly public service and emergency communications newsletters. There are

also email newsletters for ham radio instructors, those interested in DX, legislative matters, and satellite operation.

**Join your local club.** While the ARRL will help you keep abreast of amateur radio news and events nationally and internationally, if you want to know what going on in amateur radio in your area, you should join your local club. To find clubs near you, go to <http://www.arrl.org/find-a-club>.

**Visit the WA7BNM Contest Calendar** (<https://www.contestcalendar.com/>). This contest calendar has become my go-to resource for any and all contest information. This site provides detailed information about amateur radio contests throughout the world, including their scheduled dates/times, rules summaries, log submission information and links to the official rules as published by the contest sponsors. Its features include an 8-Day calendar, a 12-Month calendar, and separate calendars for state QSO parties, CW contests, and QRP contests. You can also get a weekly e-mail of contests taking place in an 8-day period (Monday through Monday), as well as a list of contests scheduled for the next week and a list of log submission information for recent contests.

**Ham radio blogs.** Blogs are also a good way to keep up with what’s going on in amateur radio. I like to think that I do a good job of covering what’s going on in amateur radio, but, of course, I can’t do it all. That being the case, you might also want read other blogs. Other amateur ra-

*(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.

**November Meeting:  
Is the **Third** Wednesday, November 20, 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 November:**

Our program for November is a panel discussion on CW operation.

**SJRA Member December Birthdays**

December Birthdays are: Ed Fletcher, N2ZPR; Tom Forner, KD2PPA; Ray Golley, N3RG; Dara Herman, KC2THQ; Rizal Malong, KH7JO; Lawrence Nelson, KD2LBV and David Soll, KC2YJI

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

**December Meeting:  
Is the **Third** Wednesday, December 18, 2019.**

**First Class Mail**

South Jersey Radio Association  
15 Pelham Road  
Marlton, NJ 08053

