



# HARMONICS

1916

South Jersey Radio Association

2017



Jon, W2MC and Matt, N2IDW manage SJRA exhibit at NJ ARRL Convention and Gloucester County Hamfest while Rick, W2JAZ and Tony, N2ATB took a break to hunt for bargains.

## 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 Room 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 K2AA Repeater or from Mary Von Lintig, KV2M, 856-772-6475

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/sections/?sect=SNJ> ★  
 ★\*\*\*\*\*

### Officers

**President:** Ken Botterbrodt, K2WB  
**Vice Pres.:** Jon MacMillan, W2MC  
**Treasurer:** Roy Herman, WB2EOD  
**Rec. Sec:** Lou Priestley, N2HQL  
**Cor. Sec:** Dennis Cioffi, AC2FO

### Directors:

Art Arnold, N2CPR  
 Matt Grohgans, N2IDW  
 Rick Lawn, W2JAZ  
 John Doran, W2FDJ  
 Tony Canuso, N2ATB  
 Burton Sampley, NJ2IT  
 Al Witner, N3AVT

### Committees:

**Historian:** Mark Walter, KD2JPW  
**Membership:** Alan Handley, K3WWT  
**Field Day:** Ken Botterbrodt, K2WB  
**Contests:** John Doran, W2FDJ  
**Repeater:** Joe Fisher, KC2TN  
**Programs:** Rick Lawn, W2JAZ  
**H&W:** Roy Herman, WB2EOD; and Dara Herman, KC2THQ  
**Awards:** Rick Lawn, W2JAZ  
**Hospitality:** Jean Priestley, KA2YKN  
**Nets:** John Fogleboch, WY2J  
**Publicity:** Vacant (Please Volunteer)  
**Picnic:** Vacant (Please Volunteer)  
**Ways & Means:** Ray Golley, N3RG  
**Property:** Jon MacMillan, W2MC  
**Web Site:** Ira Weinstein, W2IRA

### Harmonics Staff:

**Publisher/Editor:** Ted Groke, W2TAG  
**Alternate Editor:** Rick Stoneking, W2RDS  
**Circulation:** Mary VonLintig, KV2M; Jim Vecchiola, KR2T

### LOCAL WEEKLY NETS

Monday	K2AA, Medford	145.290 @ 8PM
Fusion on 2 <sup>ND</sup> & 4 <sup>TH</sup> Thurs. and 2M SSB on 3 <sup>RD</sup> Thurs.	Various Locations	145.290 @ 8PM, Fusion 144.270 MHz USB

### Harmonics Deadline

Articles submitted for the next Harmonics will be accepted until Monday, October 9, 2017. Email: [ted.w2tag@gmail.com](mailto:ted.w2tag@gmail.com)

**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 Membership Meeting of 23 August 2017

The meeting was opened at 1930 by Ken, K2WB, at the Gibson House in Evesham Twp., Nj, with a salute to the American flag. The question of the night was "Do you monitor our repeater or any other repeater?".

Minutes of the July meeting were approved as printed in Harmonics, motion by N2HQL/N3AVT.

Repeater- KC2TN, Joe reported all are working with no known problems, Club Stuff: Joe is still taking orders.

Ken, K2WB read the e-mail of the treasurers report made the treasurers report. Report was approved, motion by N3RG/N2ABT.

There was discussion regarding Eclipse emission transmissions.

No old or New Business at this meeting.

DX Report- by Jack, N2VW: The planned Dxpedition to Bouvet Island 3Y is still in the fund raising mode. It is #2 on the most needed list, expected early 2018: Cambodia XU7AEX until 29 August, working using LOTW: Sable Isl., until 31 Aug: French Polynesia TX5EG 15 Aug-5 Sept: Vietnam XV9WJR 26 Aug-17 Sept , 40/20 CW:

Radiosport report-9/17/18 NJ QSO party:, OCT 1+2 Classic exchange , SSB HF +6m +2M, AM, FM, SSB: Oct 27+28 CQWW DX SSB.

Tonights program is a webinar by DX engineering on Station setup and safety, including grounding .

Voorhees is selling off some gear- list to be in Harmonics, and possibly in Membership e-mail list.

Sept 10, ARRL NJ Convention/ GCARC Hamfest.

Submitted by Lou, N2HQL, Rec. Sec.

### Minutes of BoD Meeting of 6 September 2017

President Ken, K2WB, opened the meeting at 1930. Participating officers/ BOD were President Ken, K2WB; Vice President Jon, W2MC; Treasurer Roy, WB2EOD; Cor, Sec Dennis AC2FO, Rec Sec Lou participated by phone.

BOD members Art, N2CPR; Burton, NJ2IT; Tony, N2ATB; Matt, N2IDW; John, W2FDJ; and Al, N3AVT, Ira W2IRA. Dennis, AC2FO, recorded the meeting minutes.

Minutes of the August BOD meeting were approved as printed in Harmonics; motion made and seconded by Jon, W2MC, Art, N2CPR. Roy, WB2EOD, provided the Treasurers report; motion to accept, Tony, N2ATB/John, W2FDJ.

Membership: The BoD voted on two new member was mentioned; we are working on their applications. A discussion of several membership topics included: joining from web-page email, "pointers" from the SJRA.ORG web page, and the need for a single application form.

*(Continued on page 10)*




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

Email Ted, W2TAG, with your listing:

ted.w2tag at gmail dot com

WORLDWIDE DISTRIBUTION



**Ken Hartley**  
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**Test Session Report for July 12, 2017**

The SJRA would like to congratulate the following on their recent Amateur Radio licensing achievements:

(Please note: Test Session Reports are published in Harmonics the month after the test session so we can publish passing technicians newly assigned call.)

Mark Corroda, KD2OAL  
17 Spingdale Dr.  
Laurel Springs, NJ 08021  
Earned his Tech

Robert M. Beyer, KD2AWE  
21 Delaware Ave.  
Ewing, NJ 08628  
Earned his General

	Tech	General	Extra	Total
To Date	126	56	29	211

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## **ARRL finally realizes status quo isn't going to cut it**

**Dan, KB6NU, cwgeek at kb6nu dot com**

An item in the July 2017 ARRL board meeting caught my attention. It notes that a committee of staff members was tasked with identifying the challenges facing ARRL and possible solutions. The August 3, 2017 issue of the ARRL Letter ran the following report:

"ARRL Chief Executive Officer Tom Gallagher, NY2RF, presented the report of six Headquarters staffers who had been tasked with identifying the challenges facing ARRL and devising feasible solutions. Specifically, the committee addressed market research findings that have continued to reveal that only a small percentage of new hams join the League, and only about one-half of new hams actually get on the air.

"The committee began with the premise that ARRL must act in order to remain relevant going forward. It proposed instituting a Lifelong Learning Program to focus on developing a clear developmental path for all radio amateurs, from newcomers to established radio amateurs. The committee recommended the creation of new programs and services to increase the knowledge base of newcomers in order to get them active, as well as programs to keep experienced amateurs up to date with changing technology and practice."

The board meeting minutes were a little more detailed:

"Mr. Roderick yielded the floor to CEO Gallagher who presented the report of a

committee of staff members tasked with identifying the challenges facing ARRL and possible solutions. The members of the committee - Diane Petrilli, KB1RNF; Norm Fusaro, W3IZ; Becky Schoenfeld, W1BXY; Debra Jahnke, K1DAJ; Steve Ford, WB8IMY; and Sean Kutzko, KX9X, joined the meeting at 9:20 AM, to present this report. Their findings show the importance to ARRL of getting newly licensed hams actively on the air and how that relates to continued growth of the organization. In order to achieve that goal, the committee proposed developing a lifelong learning department, which would address the needs of all amateurs with the focus being on developing a clear knowledge path for all amateurs. They proposed creating straightforward programs and services to enhance the knowledge base of new amateurs as well as to enhance their sense of community within the hobby.

"Another recommendation involved refocusing the priorities of the emergency preparedness department to address the current trends in public service.

"A third recommendation was to improve the value proposition of membership. The committee proposed doing a survey, which would include test material that is targeted to the interests of newer hams. The content would include a strong emphasis on serving communities, agencies, and partners; digital communications, and human interest. Projects would be simple. The survey would obtain information on new ham's interests and needs in the hobby.

*(Continued on page 7)*





Ray, N3RG and Bob, W2SJ, putting the final touches to the Microwave stack before raising the tower on High Knob, Hawley, PA just before the 2017 ARRL VHF/UHF QSO Party (contest).

## Voorhees PD Ham Gear to be Sold by Consignment at the September Meeting

Originally, the Voorhees hams were located in the old Voorhees PD station, using a great tower 100 feet tall. We had the township buy us a spread of ham gear - transceivers, antennas, antenna tuners, keyer, etc. This all worked out well until the township sold the old PD station, took down the tower, and gave us a final "eviction" notice. So all of the gear was moved to Jim, KR2T, basement. The equipment is, by rights, the township's, so they came to us to decide the next step. We checked out the "rules of ownership", and informed the PD that we would be happy to handle the consignment auction at our September meeting, and forward the money to the Voorhees PD.

Here is the lot of gear: a IC-706 HF/VHF/UHF transceiver; Alinco DR-235 220 FM mobile; Yaesu FT-8800 2m/440 FM mobile and a Yaesu VX-7R 2m/440 handheld; - all checked out and working. There are Diamond X50 2M/440 antennas; - one with mounting hardware, one plain. There are a Cushcraft ARX-220 220 vertical and a Cushcraft R8 HF antennas; - both require assembling. There is a MFJ-949E antenna tuner; a Bencher BY-1 keyer; a Heil Proset 4 with the AD-1IM adapter (probably for the IC-706) microphone/headphone; one Astron power supply RS-35A (35 amp); one Astron power supply RS-20A (20 amp); and a 24 hour clock. There is a RG-8X 400 foot reel, four Polyphaser lighting arrestors mounted on a plate with a grounding strap, (The Polyphasers are

*(Continued on page 10)*

## President's Message

Ken – K2WB

Fall will be here soon Autumnal Equinox is September 22nd. If you look carefully the signs are already showing, with a little yellow, or red is starting to appear from the green of summer. This is the best time to spruce up the antenna farm and get ready for the fall radio contest and DX season. Get help with any big projects there are many members with knowledge and experience that will help make your project safe and successful.

If you participated in the ARRL September VHF contest, send your log to the league noting the SJRA as your affiliation. This is a club competition; VHF contesting is easy to do and does not require special equipment. Most of our members are located in grid squares FM29 or FN20, with the exception of our Centennial Members

Lastly, there are number of members of the club who can no longer make it to the meetings for various reasons. The Health and Welfare committee can coordinate riders with drivers. If you can't make it the meeting because of transportation issues or would like to offer assistance, or would like to offer your services contact Roy, WB2EOD, or Dara, KC2THQ.

As always the SJRA is looking for more members, bring a friend to a meeting. With some luck and encouragement they may even join and become a SJRA member.



*(Voorhees PD Ham Gear to be Sold from page 9)*

three at the IS-50NX-C1-MA and one at the IS-50NX-C0-MA (three for VHF/UHF and one for HF?) and various lengths of 1/2 inch hardline, each one about 50 to 100 feet in length, some with connectors (most expensive part of the section). The cable is 1/2" foam cable from Tessco. Their part number is 810918-001. The cable is marked "Cellflex LCF 12-50J". Checked the web - both are shown - 810918 and LCF12-50J, so either way would be OK. Again, there's five sections of the cable, various lengths, with some fittings at either end.

Jim, KR2T.

*(Radio Sport aka Contests from page 4)*

**432Mhz Fall Sprint (all modes)**

10/4, Wed 7PM-EDT (4 hours).

**ARRL EME (CW, Phone, Digital)**

10/6-8, Friday 8PM EDT (48 hours)  
50-1296 Mhz.

**Microwave Fall Sprint**

10/7, Saturday 8AM EDT (6 hours)  
902 Mhz and up all.

**10-10 International Sprint (10 meter)**

10/9, Monday 8PM EDT (24 hours).

**Oceana DX CW**

10/14-15, Saturday 4AM EDT (24 hours).

**ARRL School Club Roundup**

10/16-20, Monday 9AM EDT to Friday 8PM.

**10-10 International (10 meter CW only)**

10/20, Friday 8PM EDT (48 hours).

**CQ WW DX Contest SSB**

10/27 and 28, Friday 8 PM EDT (48 hours).

*(Meeting Minutes from page 3)*

Programs- Rick, W2JAZ, reported September Program: Consignment Auction, November Program : Skywarn Presentation with Dennis, K2DCD.

Contests- John, W2FDJ reported that the Club QSO Party Wrap-up and the VHF/UHF QSO party is this weekend.

Health & Welfare- Roy, WB2EOD, reported that birthdays were sent to Ted, W2TAG, condolence card was sent to Lou, N2HQL, and that Jeff, K2DFE, is doing ok after surgery.

VE team- Al, N3AVT reported that over 210 tested so far, Motion to purchase books for VE Team voted on and passed N3AVT/NJ2IT,

Repeater- Discussion about club assets such as using the K2UK repeaters for a three month Swap Net experiment will be re-evaluated.

Web Team- Ira, W2IRA, reported that goals to restructure and reorganize Web Team operation, update Web Site membership form, and remove centennial information is on agenda

Old Business: GCARC HamFest Information table.

Dennis , AC2FO, Cor. Sec



## 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 \$25 (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 second Wednesday of each month. The location is: 443 Commerce Lane, Suite 5, West Berlin, NJ 08091. Registration is at 7:00 PM and testing begins at 7:30PM. 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.

**September Meeting:**

Is the **Fourth** Wednesday, September 27, 2017

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

**Program For September:**

The Consignment Auction

**SJRA Member October Birthdays**

Robert Beyer, KD2AWE; Ken Botterbrodt, K2WB; Craig Hodsdon, WE2Q; Burton Sampley, NJ2IT; Robert Turner, Jr., N2SCJ; Jim Vecchiola, KR2T.

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

**October Meeting:**

Is the **Fourth** Wednesday, October 25, 2017

**First Class Mail**

South Jersey Radio Association  
PO Box 1026  
Haddonfield, NJ 08033

