



# HARMONICS

1916

South Jersey Radio Association

2018



## Field Day 2018

Ken – K2WB

### CQ FIELD DAY DE K2AA 7A SNJ QSL

I can't believe that it is almost a month since Field Day 2018. The equipment is put away and notes made on what needs to be done to make next year better and so forth.

SJRA members CAME, SAW, and (some bought the ARRL T-Shirt). Most had fun! And it appears that we did pretty good.

If you did not come out you missed a great time, lots of comradery, opportunity to operate great radios with great antennas.

There is always next year. It is a great time to see a mode you may want to explore.

Our band captains did a great job getting the stations on the air.

Team CW, Captains Bob, KE2D and Al, N3AVT put all three stations together in the SJRA trailer (with Air Conditioning). It was a great haven for CW operators. This was a new configuration for the club to put them all in one place. They managed to make over 2,500 contacts in total.

Team SSB, Captains Dennis, AC2FO, Jon, W2MC and Ken, K2WB operated in what has become fondly known as T3 (Trailer 3). There is a story on the

*(Continued on page 4)*



Safety Meeting Prior to Set-up.



## 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 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

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:** Art Arnold, N2CPR and 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:** Matt Grohgans, N2IDW  
**Publicity:** Vacant (Please Volunteer)  
**Picnic:** Vacant (Please Volunteer)  
**Ways & Means:** Roy Herman, WB2EOD  
**Property:** Jon MacMillan, W2MC  
**Web Site:** Ira Weinstein, W2IRA

### Harmonics Staff:

**Publisher/Editor:** Al Ziegler, KD2ST  
**Alternate Editors:** Ted Groke, W2TAG and Jon MacMillan, W2MC  
**Circulation:** Jim Vecchiola, KR2T

### LOCAL WEEKLY NETS

Mondays FM Net	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, August 6, 2018. 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

## Membership Meeting of 27 June 2018

The meeting opened at 1935 by Ken, K2WB at the Gibson House in Marlton, NJ. The "question of the month" was to please give your name and callsign.

Roy, WB2EOD gave the treasurer's report, with 117 members. It was approved on a motion by KA2OSV/AA2AW.

Corresponding Secretary- not present but will do Thank You letters for visitors to Field Day site. Mentioned was Milton Franz as SK.

Membership, by ART, N2CPR; James Frenandez KD2PPB. He also read a letter from Susan Nagy (new ham).

Programs: June- Field day update & video.; July DX Cluster webinar

VE report by N3ATV. 245 tested so far, website updated on calendar as to change of location and dates.

Radiosports by John, W2FDJ. 7/21-22 North American QSO Party TTY and CQWW VHF contest. 8/4-5 North American QSO party CW. 8/18-19 North American QSO party SSB. 8/19 ARRL Rookie Round-up RTTY. 8/25-26 50 MHz Fall Sprint.

Repeater- Ken, Paperwork nearing final assembly, hopefully we will get a speedy approval

Nets- Matt N2IDW- Calendar updated on website.

Web Team- Ken, K2WB some updates completed this month.

Minutes of the May meeting were approved on a motion by W2MC/N3AVT.

No new or old business was brought up. We recessed at 1957 for refreshments before the presentation.

By Lou Priestley, N2HQL

**There was no Board of Directors Meeting due to the Fourth of July Holiday.**

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## President's Message

Ken – K2WB

Field Day 2018 is now a fond memory, much kudos to the band captains and members for their tireless efforts in keeping the club call sign of K2AA on the air for 24 hours. Field Day would not be field day without help. It takes a lot to setup, operate and breakdown the equipment for Field Day. This year we had more help than last year and it really made a difference. We can always use more help. Congratulations to all that participated. I already look forward to Field Day 2019, it is already less than a year away, are you making plans?

*(Continued on page 5)*

*(Field Day 2018 from page 1)*

“Command Center” and T2 but that is for another day.

Team Digital, Captain Ray, N3RG with help from Bob, KE2D and Al, KD2ST tried with FT8 the newest mode, but it did not pan out as well as we had hoped, but it was worth pursuing to make us 7A. There was a lot of learning that will be applied to next year’s Field Day.

GOTA (Get on the Air) Captain was Burton, NJ2IT operated from his acquired trailer. His group made 46 contacts introducing amateur radio to try getting on the air. There were a number of first contact operators who just got their license. My grandson did his part doubling his contact *CONVERSATION* count from 2 to 4

Bonus Points - A number of years ago Bonus point Chairman has grown to an invaluable position for the group. Captain Rich, KV2R assisted by Burton, NJ2IT. At the time of the writing of this article Rich

has been working on putting together our Bonus justification.

Bonus points include:

- Satellite contacts with Joe, KC2TN
- Messages – Holden, KD2JPV
- Safety – Frank, AA2AW
- Solar – Jon, W2MC
- Information – Mary, KV2M

The food was great thanks to Dom, KD2EPM master chef of the “Bistro in the Field” assisted by Mark, KD2JPW.

In short, we had a blast. The last vehicle left the site at 7:00 PM on Sunday. Speaking for myself, I was unloaded by 8:00 PM.

Thank you SJRA for the opportunity to run Field Day 2018.

73’s

Ken, K2WB

Field Day Chairman 2018

Band	Mode		
	CW	SSB	Digital
80m	360	251	0
40m	1,045	642	18
20m	1,007	462	2
15m	239	83	0
10m	16	30	0
6m	4	10	19
<b>TOTAL Q's</b>	<b>2,671</b>	<b>1,478</b>	<b>39</b>



CW Ops in the SJRA Trailer

*(President's Message from page 3)*

With some of the activities of Field Day, it reminds us to be safe while working on our antennas or equipment. Accidents come without warning. Towers, antennas and equipment can be replaced easily, but injuries or worse are not so easily remedied.

As the heat of the summer continues, everyone should be mindful of staying hydrated. The other bad side of the heat is severe weather. Summer also brings thunder storms, so it is important to monitor the weather especially if you have outside antennas.

Be safe and check on our elderly friends.

Thank you for being a member of the South Jersey Radio Association, encourage others to do the same.

73's

Ken, K2WB

President



**SJRA Net News**

Matt - N2IDW

**SJRA NET RUNNING AVERAGES**

Net Type	Avg. No. of Participants
2 Meter FM Repeater	12
2 Meter Fusion Repeater	9
2 Meter SSB	5
6 Meter SSB	10

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

Email your listing to:  
harmonics at sjra dot org

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## 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 June VHF Contest (held June 9, 10)

(Results from ARRL logs filed)

N2SCJ, Bob	5,453 points
KC2THQ, Dara	3,638 points
WB2EOD, Roy	3,638 points
KD2EPM, Dom	1,170 points

Congrats Bob, N2SCJ on leading SJRA in this contest. Bob had 114 QSO's in 41 grid squares and utilized four bands and both USB and FM. About a third of Bob's contacts were made using FM. Next ARRL VHF chance is just around the corner on Sept 8-10.

Please send me your summary sheet so I will be able to list your claimed score next time. John/W2FDJ contests at sjra dot org.

**Upcoming Contests** - see arrl.org or wa7bnm dot com for rules and more details.

### Every Tuesday Only

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

### Every Wednesday Only

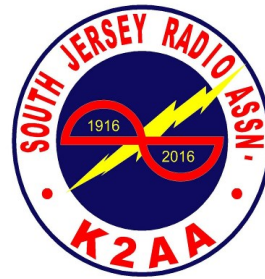
CWops Mini-CWT test 9 -10AM,3-4PM,11-12PM  
(three one Hr. sprints)

(Continued on page 9)

## Upcoming Regional Hamfests August 2018

August 4th: **Reading, PA Radio Club Mini-Fest** 8am to ? at Heritage Park, Sinking Spring, PA Website:  
<http://www.qsl.net/w3bn>

August 18th: **Ramapo Mountain ARC Ham Radio & Computer Flea Market** 8am - ? at St. Catherine RC Church, 112 Erskine Rd, Ringwood, NJ.  
Website: <http://www.qsl.net/rmarc/pdf/hamfest2018.pdf>



WORLDWIDE DISTRIBUTION



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## Field Day Photos



Satellite Station



*(Radio Sport aka Contests Continued from page 7)*

### **Every Thursday Only**

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

### **Every Thursday Only**

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

### **North America QSO Party RTTY**

7/21-22, Sat 2PM EDT – Sun 2AM EDT  
HF; RTTY

### **CQ Worldwide VHF Contest**

7/21-22, Sat 2PM EDT – Sun 5PM EDT  
6 & 2 mtrs. All modes

### **North America QSO Party CW**

8/4-5, Sat 2PM EDT- Sun 2AM EDT  
HF; CW

### **North America QSO Party SSB**

8/18-19, Sat 2PM EDT – Sun 2AM EDT  
HF; SSB

### **ARRL Rookie Roundup RTTY**

8/19, Sat 2PM – 8PM EDT  
HF; RTTY

### **50 Mhz Fall Sprint**

8/25-26, Sat 7PM EDT- Sun 11PM EDT  
6 mtrs.; specified

### **ARRL September VHF Contest**

9/8-10, Sat 2PM EDT to Sun 11PM  
50 MHz and up; All modes

### **New Jersey QSO Party**

9/15-16, Sat noon to midnight EDT  
Sun 10AM to 4PM EDT  
80 – 10mtr; CW, Phone

## **Other Thoughts**

Here are a few You Tube video's this month I recommend for viewing. Just go to <https://www.youtube.com> and enter the title of the video in the search window.

*“Ham Radio Heaven”* by braintrusts Humorous Ham video.

*“Ultimate Factories\_M1 Abrams Tank Part 1\_2”* by ENdocumentary. This two part video deals with taking used multimillion dollar tanks and completely refurbishing them into new condition. The extent to which this is done amazed me.

If you have some recommended video's let me know and we will share them with the membership. /John W2FDJ

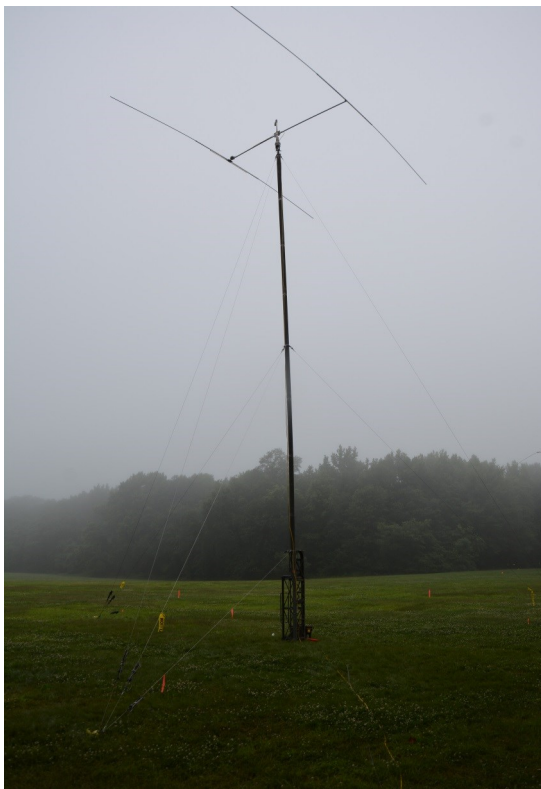
## **SJRA Membership Drive**

Attention SJRA Members: Sign up two new members by December 31, 2018 and get your 2019 Membership free.

For additional information please contact Art, N2CPR or email:

**Membership at [sjra dot org](http://sjra.org)**

## Field Day Photos



## Test Session Report for June 20, 2018

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.)*

Gordon H. Groff, KA3JSN  
1910 Wilson Ave  
Bristol, PA. 19007  
Earned his General

John W. Peterson, KD2ODE  
7 Roberts Dr.  
Westampton, NJ 08060  
Earned his General

Michael W. Egan, KD2QBW  
80 Dundee Ct.  
Williamstown, NJ 08094  
Earned his Tech

Susan E. Nagy, KD2QBV  
101 Sherwood Lane  
Westampton, NJ 08060  
Earned her Tech

Regina S. Litman, KC3LRF  
1680 Huntingdon Pike, #309  
Huntingdon Valley, PA 19006  
Earned her Tech

	Tech	General	Extra	Total
To Date	147	63	35	245

# 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 third Wednesday of each month, except Nov & Dec are current 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.

**July Meeting:****Is the Fourth Wednesday, July 25, 2018**

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 July:**

Ham Radio Deluxe Webinar.

**SJRA Member August Birthdays**

August Birthdays are: Alfred Chai, KD2ELG, Jim Higgins, KC2SZ, Lou Priestley, N2HQL and Rick Stoneking, W2RDS.

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

**August Meeting:****Is the Fourth Wednesday, August 22, 2018****First Class Mail**

South Jersey Radio Association  
15 Pelham Road  
Marlton, NJ 08053

