

# *the Radio Flyer, a BRARA Newsletter*

September 2017

New Official Website: [www.BRARA.org](http://www.BRARA.org)



## *BRARA Calendar:*

- 09:00-13:00 Sat 02 Sep 17  
Ham Shack Work & Radio Day
- 20:00 Sun 03-Sep-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]
- Mon 04-Sep-17 Labor Day**
- 19:00 Mon 04-Sep- 16 (145.29 [110.9])  
Monday Night Nets
- 19:00-21:00 Tue 05-Sep 17  
Club Meeting @ West Boca Library
- 09:00-12:00 Wed 06-Sep-17  
Ham Shack Work & Radio Day
- 09:00-12:00 Sat 09-Sep-17  
Ham Shack Work & Radio Day
- 20:00-21:00 Sun 10-Sep-17 (443.300)  
DMR-FL-LO Tech Net [TS2 2]
- Mon 11-Sep-17 Patriot Day**
- 19:00 Mon 11-Sep-17(145.29 [110.9])  
Monday Night Nets
- 09:00-12:00 Wed 13-Sep-17  
Ham Shack Work & Radio Day
- 09:00-12:00 Sat 16-Sep-17  
Ham Shack Work & Radio Day
- 20:00-21:00 Sun 17-Sep-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]
- Mon 18-Sep-17 US Air Force Birthday**
- 19:00 Mon 18-Sep-17 (145.29 [110.9])  
Monday Night Nets
- 09:00-12:00 Wed 20-Sep-17  
Ham Shack Work & Radio Day
- Wed 20-Sep-17 Rosh Hashanah begins at Sundown**
- Fri 22-Sep-17 Autumnal Equinox**
- 09:00-12:00 Sat 23-Sep-17  
Ham Shack Work & Radio Day
- 12:00 Noon Sun 24-Sep- 2017  
Deadline for Newsletter Input
- 20:00-21:00 Sun 24-Sep-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]
- 19:00 Mon 25-Sep-17 (145.29 [110.9])  
Monday Night Nets
- 09:00-12:00 Wed 27-Sep-17  
Ham Shack Work & Radio Day
- Fri 29-Sep-17 Yom Kippur begins at Sundown**
- 09:00-12:00 Sat 30-Sep-17  
Ham Shack Work & Radio Day



## *This Month's Speaker*

This month (5-Sep), Jesse Sheinwald (N2CA) will give a presentation on the Smith Chart. Jesse's Bio-Sketch is on page 7.

In October (3-Oct), John Cole (N1QFH) will bring us up to speed on the new official BRARA website and associated BRARA officiala social media.

See Gerry Gawaldo (KG4FUR) if you are interested or know someone who gives a great presentation.



## *Repeater, HSMM, & Ham Shack News*

Even though the new Shack is operational, there are still a lot of areas for innovation and improvement. We still meet every Wednesday and Saturday morning roughly between 09:00 and 13:00.

Both analog repeaters are working. Innovation and improvement opportunities are present here too. The work on the new 2m antenna and connections are completed

Repeater 2m/70cm linking as well as the time stamp are still works in progress. We are still fund collecting for a new 2m repeater antenna.

While the digipeater is operational, the packet repeater is a work in progress.

We have still not solved the limited internet connection and are still dependent on individual hot spots. We are, however, getting closer to resolving the internet link from the Repeater.

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## *QSL Report <sup>n4ii</sup>*

As we closed out the Month, N4BRF has logged in 3,044 QSLs 9,619 QSOs (31.6%) on LoTW.

**DXCC Account Status:** New this month Bangladesh (S2). Awards received: Mixed, CW, Phone, 20m, 17m, 15m and 10m. We are now 265 Mixed DXCC.

**WAS Account Status:** New this month: MA, 40m Phone; TX, 40m Dig. Awards issued: Mixed, 20m, CW, Phone, Digital, Triple Play, RTTY. Nothing new this month: DE-40m CW. We still need:

- AK, ID for 40m
- WV for 15m
- WY for 20m Phone
- NV for 20m CW.
- AK, ID, NV for 40m CW.

We have received the following QSOs from Field Day activities:

- 176 (+0) QSLs from 2012
- 184 (+0) QSOs from 2013
- 258 (+0) QSOs from 2014
- 283 (+0) QSOs from 2015
- 161 (+0) QSOs from 2016
- 228 (+15) QSOs from 2017

**VUCC Account Status:** Nothing new this month.

Update at the next Club Meeting.



commenthaven.com

## *BRARA Board Elections are coming*

Pursuant to the By-laws, preparations have begun for the Election of a new Board of Directors. The Current Board authorized a Nominating Committee consisting of Members in good standing not running for election, which will be chaired by Art Lewis [WA8V5J]. The Board approved the following schedule and procedures:

1. **Prior to 12:00 Noon Wednesday 20-September-2017, the Nominating Committee will accept names of members in good standing for the New Board. Names may be submitted to the Nominating Committee Chair.**
2. **Prior to the October General Membership Meeting, the Nominating Committee will meet to produce a seven-member recommended Slate of Candidates.**
3. **At the October General Meeting:**
  - A. The Nominating Committee Chair to identify the recommended Slate of Candidates.
  - B. The President will ask for nominations and seconds to put these choices on the Ballot.
  - C. The President will then call for additional nominations of members in good standing from the floor, each of which will require a second. Both the Nominator and the Secunder must be members with voting rights and should not be the Nominee.
  - D. Once there are no further floor nominations, the President will declare nominations closed.
    - i. If there are no Floor Nominations, the President will ask the Nominating Committee Chair to make a motion that the Slate be accepted by acclamation. A second should be made by another Nominating Committee member. A simple aye/nay vote will then be taken and there will be no need for a November election.
    - ii. If there are Floor Nominations, a paper ballot containing the all Candidates (the recommended Slate and all Floor Nominations) will be prepared for the November Meeting/Election. No additional nominations will be taken after the October Meeting.
4. **If there are more than seven Candidates, then at the November General Meeting:**
  - A. One each paper ballot will be distributed to all BRARA members with voting rights.
  - B. Secret Ballots may be cast for up to seven candidates and collected by the Nominating Committee Chair.
  - C. The Nominating Committee will tally the votes and rank the candidates accordingly.
  - D. The Nominating Committee Chair will announce the clear winning Candidates (up to seven).
    - i. If there are not seven clear winning Candidates, the Nominating Committee Chair will announce a tie and immediately conduct runoff election(s) among the tied trailing Candidates until a list of the seven winning Candidates is established.
    - ii. When there are seven clear winning Candidates, the Nominating Committee Chair will announce the New Board to take Office at the January 2018 General Membership Meeting.
5. The New Board should select its Executive Committee (President, Vice President, Secretary, and Treasurer) **prior to the December General Membership Meeting** and in accordance with the above mentioned BRARA By-Laws. The New Board takes office with the January 2018 General Meeting.

## *Amateur Radio Parity Act Support Requested*

Dear Southeastern Division ARRL Member,

The efforts by many Amateurs from around the Nation regarding the Amateur Radio Parity Act (ARPA) is getting the attention of many Senators. Thanks to those of you who have written your Senators for support of the Amateur Radio Parity Act. We want to make sure Amateur Radio has our Senators attention, if you have not already sent a letter, please do so by clicking on the link below. It only takes a minute.

<https://arrl.rallycongress.net/ctas/urge-us-senate-to-support-amateur-radio-parity-act>

For more information on the Amateur Radio Parity Act, click these links:

<http://www.arrl.org/amateur-radio-parity-act>

<http://www.arrl.org/files/file/Regulatory/The%20Amateur%20Radio%20Parity%20Act%20FAQ.pdf>

Thank you,  
73,

Greg Sarratt, W4OZK  
ARRL Southeastern Division Director  
[www.facebook.com/ARRLSoutheasternDivision](http://www.facebook.com/ARRLSoutheasternDivision)

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ARRL Southeastern Division  
Director: Greg Sarratt, W4OZK  
[w4ozk@arrl.org](mailto:w4ozk@arrl.org)  
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## *Welcome New BRARA Members*

N8IFQ  
KT4JQ  
K4BOS  
N2LAI  
KK4PPN  
KN4FEN  
KN4FEQ

Steve Grevemeyer  
Richard Geissinger  
Brian O'Sullivan  
Joel Wisotshy  
Gerald Hasse  
Stephen Martin  
James Nolan



IF YOU DON'T  
**VOTE**  
YOU LOSE  
THE RIGHT TO  
COMPLAIN

## Monday Night Nets

### KG4FUR

BRARA now runs three Monday Night Nets on the 145.290 MHz -0.600 [110.9] repeater:

- ⇒ New HAMS Net: 19:00-19:30.
- ⇒ BRARA Informational Net: 19:30-20:00. Out-of-Area Amateurs may check-in via EchoLink. Our Node is 826953.
- ⇒ South County NBEMS Net 20:00-20:30. Analog Voice and FLDigi/FLMsg mixed mode.

## NBEMS KG4FUR

For more information and the latest Guide and Troubleshooting, go to [www.qsl.net/k4wrc/PBC-BASIC-NBEMS.html](http://www.qsl.net/k4wrc/PBC-BASIC-NBEMS.html) or simply Google "Palm Beach NBEMS"

### Scheduled Nets

Mon	20:00	S County	145.290 -0.6 110.9
Tue	19:30	PBC NBEMS	147.285 +0.6 103.5

## Other Local HAM Analog Repeater Nets

Daily	18:00	SEFL Traffic	146.61 MHz
Tue	19:00	Boynton CERT	443.1 MHz
Fri	09:00	SARNet: PBC FTL	443.975 MHz 442.850 MHz

## Scheduled DMR Nets

Day	EDST	Talk Group
Sun	2000	TG-2 (LO) FL Tech
Wed	2100	TG-03 (NA) NAtch
Sat	1200	TG-01 (WW)

## Local DMR Repeaters

Location	Rx Freq	Color Code
Miami	444.9875	1 SEFL
Miami	442.2250	1 dmr-fl
N Dade	443.1250	10 ipse2
Dania Bch	442.4000	1 dmr.mar
Plantation	442.4250	1 dmr.mar
Ft Lauderdale	443.6250	1 SEFL
Boca Raton	442.0000	8
Delray Bch	443.3000	1 SEFL
Wellington	442.3000	7 dmr.fl
Lk Worth	443.2500	7 BMR
WPB	444.9125	1 SEFL
PBG	442.1000	10 dmr.fl
Stuart	440.7000	1 dmr.mar
PSL 1	440.0000	1 dmr.mar
PSL 2	440.750	10 nj.trbo
Naples	444.9850	1 DMR+
Marco Island	444.8125	1 DMR+

## Social Media Committee

A committee was formed to update, simplify and modernize BRARA social media: W4BFL (Jerry), KO4XL (Bruce), NE4LS (Nelson), N1QFH (John C), N8IFQ (Steve).

## Club Repeaters

144.390 APRS Repeater  
145.070 Packet Repeater  
145.290 -0.600 [PL 110.9] EC-826953  
442.875 +5.000 [PL 110.9]

Location: 26.39724 -80.09485  
145.290 & 442.875 linking planned

## Club Ham Shack

West Delray Regional Park  
10875 West Atlantic Avenue  
Delray Beach, FL 33446

## Board of Directors

### Scheduled Meetings

The BRARA Board of Directors:

KE4OBV (Patrick), KG4FUR (Gerry), KO4XL (Bruce), W4AEQ (Jeff), W4BFL (Jerry), W4WCD (Walt), and WA8VJSJ (Art)

will hold scheduled monthly meetings at 11:00 at the shack on the Saturday preceding the next General Meeting. Additional impromptu meetings may be held at the Shack on Wednesday and Saturday mornings.

## Donations & Contributions

Contributions to BRARA—a 501(c)(3) organization—are tax deductible as charitable donations. As you complete your membership renewal or begin your year-end tax planning, please consider making a donation to BRARA.

Planned Giving—Please also consider BRARA when updating or initiating planned giving (including charitable gift annuities, bequests and gifts or retirement plan assets) and other assets.

## Apparel Donations

\$10 donation-BRARA Name Plate with your Call Sign.  
\$30 donation-BRARA Polo Shirt with your Call Sign.  
\$40 donation-BRARA button down red cotton/poly shirt (short sleeve)

## Membership Application & Renewal

- \$25 Full Membership
- \$10 Assoc Membership
- \$5/Family Mbr w/License

Name: \_\_\_\_\_

Call Sign: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

ARRL Member:  Yes  No

Birthday: Month: \_\_\_\_\_ Year: \_\_\_\_\_

License Grade: \_\_\_\_\_ Exp Date: \_\_\_\_\_

Interests:  Field Day  Ham Fest

HF  Digital  DXing

VHF  Packet  CW

UHF  Voice  Contesting

EmComm  Skywarn  Public Svc

DMR  MARS  CERT

Award Chasing  Ragchewing

Building & Experimenting  Satellite

Other: \_\_\_\_\_

Signature: \_\_\_\_\_

Return with dues to BRARA at either:

BRARA  
P.O. Box 480162  
Delray Beach, FL 33448-0162

Or

to a director at the Shack on Wednesday or Saturday morning radio days.

## Amateur License Refresher

It's probably been awhile since you took your Amateur License exam. Here are a few sample questions just to keep those synapses firing.

### Extra Pool

E6D14

Which type of slug material decreases inductance when inserted into a coil?

- A. Ceramic
- B. Brass
- C. Ferrite
- D. Powdered-iron

E6D17

Why should core saturation of a conventional impedance matching transformer be avoided?

- A. Harmonics and distortion could result
- B. Magnetic flux would increase with frequency
- C. RF susceptance would increase
- D. Temporary changes of the core permeability could result

### General Pool

G9D04

What is the primary purpose of antenna traps?

- A. To permit multiband operation
- B. To notch spurious frequencies
- C. To provide balanced feed-point impedance
- D. To prevent out of band operation

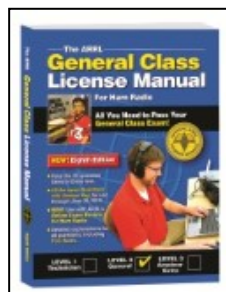
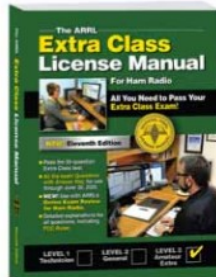
G9D11

Which of the following is a disadvantage of multiband antennas?

- A. They present low impedance on all design frequencies
- B. They must be used with an antenna tuner
- C. They must be fed with open wire line
- D. They have poor harmonic rejection

### Answers to License Refresher:

- E6D14 (B)
- E6D17 (A)
- G9D04 (A)
- G9D11 (D)



## New Hams Corner WA2NSW

Test equipment and tools

I recently saw an online post from a beginner who wanted to know what test equipment he should have in his budding shack. A lot of answers flowed in but the common theme was there in most of them.

1. **A good Volt Ohm Meter.** Fluke makes some very good ones and most electronics folks have one or two in their toolbox. We old-timers like an analog meter as well so we can see fluctuations in things that cannot be easily seen on a digital meter. The little cheap ones are good in a pinch but when you can spend a few bucks on a good one. I still have my Simpson from 1978!

2. **A good soldering iron.** Wires fall off, you want to put connectors on and every now and then might try to do a project. Most people will tell you to have a good 60-75 watt iron for general duty work and something much higher for those things that absorb heat rapidly! I have a soldering gun for those kinds of things.

3. **A set of good simple tools.** Large and small screwdrivers. Jeweler screwdrivers. Pliers, wire cutters and a ratchet set. I prefer open end wrenches with ratchet on the opposite side. Having two of some common sizes is VERY helpful 7/16", 1/2" and 5/8" will work for most antenna parts and mounts.

4. **A good watt meter and SWR meter.** At some point you will want to experiment with different antennae. It is always nice to know what is going on when you try to tune an antenna or see what your loss is thru a cable. Having 2 or 3 good jumper cables is a high priority for me. They are always used for testing and no station is complete without a few for everyday use as well.

5. **A dummy load.** You will need this for testing equipment and not radiating a signal. I always like putting everything together and seeing what is happening into a known quantity. A dummy load should not change over the years so you know you have a known quantity that you can trust. Look around at ham fests and online for a good one offered at a bargain price.

6. Here is one most people forget about but I have used them for years and they Save me a lot of time...**Alligator jumpers.** When Radio Shack was good you could Go in, buy a package of black and red plus some wire and make your own to the length that was most useful for you. I just used mine at work a few weeks ago so they still come in handy for testing or measuring.

This is by no stretch of imagination the whole list. You will want specific things based on what you like doing and what projects you will tackle. ALWAYS put your call on your gear. When you have 5 hams together working on something tools are everywhere and it makes easier to return to rightful owner.

Safety note: ALWAYS treat equipment as live and having lethal voltages. I know a few People who did not follow this rule and are now pushing up daisies.....

## Newsletter Guidelines kg4fur

Thanks for all who submitted articles and I hope you continue to do so. We're also looking for new writers as well. Here are some guidelines for article submissions.

- Text should be in MS Word or equivalent, saved as a .DOC file. ASCII text written in an email works too.
- Write your best stuff, but don't sweat the grammar. That's why there's an editor.
- Please submit pictures/illustrations as separate files, don't embed them in the text.
- Be sure to submit clear, in-focus photos

Got an idea for an article? Or constructive critique? Want to share club news and events? How about writing a short 30-minute project idea? Your submissions to the Red Flyer are needed to help keep this one of the best club newsletters in South Florida.

Please send articles to  
KG4FUR@BRARA.org





# Ham Humor



## Area Ham Sets Up Beer Night On DX Cluster

By K5KVN, on the scene

LEXINGTON, Ky. — Raymond Sutler and friends had a "heck of a time" last night thanks to a website meant for posting reception of distant amateur radio stations. Sutler and his radio buddies weren't concerned with radio propagation, though.

"One time, I saw Indonesia spotted on 20 meters but I needed him on 40," said Sutler. "So, I spotted him on the cluster and added a message asking him to please move to 40. And he did!"

That was the inspiration for what happened yesterday. "I mean, if that station in Indonesia saw the message, I figured my friends would see messages, too," he said.

Ham Hijinks obtained a screenshot of the messages, confirming that a beer night was, indeed, arranged on the DX Cluster:



Time	Info	Country
15:31	Can U bring corn dogs	United States
15:32	Yes. Who got beer?	United States
15:32	59 back of beam. Thx	Aruba
15:34	Hey Joe - I'll get beer	United States
15:34	Your the man.	United States
15:35	Heard in PA	Oman
15:35	Game is on tonight, too	United States
15:35	Ok - 1830 at my QTH!	United States

### LIFE IS SIMPLE



## Contest and Special Event Operating News and Information

Data below as well as more information courtesy of the following website:  
<http://www.hornucopia.com/contestcal/index.html>.

Contest and Special Event	Date Time Group
+ QRP Fox Hunt	0100Z-0230Z, Sep 1
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 1
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 1
+ G3ZQS Memorial Straight Key Contest	2300Z, Sep 1 to 2300Z, Sep 3
+ CWOps CW Open	0000Z-0359Z, Sep 2 and 1200Z-1559Z, Sep 2 and 2000Z-2359Z, Sep 2
+ All Asian DX Contest, Phone	0000Z, Sep 2 to 2400Z, Sep 3
+ Russian RTTY WW Contest	0000Z-2359Z, Sep 2
+ Wake-Up! QRP Sprint	0600Z-0629Z, Sep 2 and 0630Z-0659Z, Sep 2 and 0700Z-0729Z, Sep 2 and 0730Z-0800Z, Sep 2
+ RSGB SSB Field Day	1300Z, Sep 2 to 1300Z, Sep 3
+ AGCW Straight Key Party	1300Z-1600Z, Sep 2
+ IARU Region 1 Field Day, SSB	1300Z, Sep 2 to 1259Z, Sep 3
+ Colorado QSO Party	1300Z, Sep 2 to 0400Z, Sep 3
+ PODXS 070 Club Jay Hudak Memorial 80m Sprint	2000Z, Sep 2 to 2000Z, Sep 3
+ WAB 144 MHz QRO Phone	1000Z-1400Z, Sep 3
+ Tennessee QSO Party	1800Z, Sep 3 to 0300Z, Sep 4
+ MI QRP Labor Day CW Sprint	2300Z, Sep 4 to 0300Z, Sep 5
+ ARS Spartan Sprint	0100Z-0300Z, Sep 5
+ Phone Fray	0230Z-0300Z, Sep 6
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 6 and 1900Z-2000Z, Sep 6 and 0300Z-0400Z, Sep 7
+ UKEICC 80m Contest	2000Z-2100Z, Sep 6
+ NRAU 10m Activity Contest	1700Z-1800Z, Sep 7 (CW) and 1800Z-1900Z, Sep 7 (SSB) and 1900Z-2000Z, Sep 7 (FM) and 2000Z-2100Z, Sep 7 (Dig)
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 8
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 8
+ Kulikovo Polye Contest	0000Z-2359Z, Sep 9
+ FOC QSO Party	0000Z-2359Z, Sep 9
+ WAE DX Contest, SSB	0000Z, Sep 9 to 2359Z, Sep 10
+ ARRL EME Contest	0000Z, Sep 9 to 2359Z, Sep 10
+ SARL Field Day Contest	1000Z, Sep 9 to 1000Z, Sep 10
+ SKCC Weekend Sprintathon	1200Z, Sep 9 to 2400Z, Sep 10
+ Ohio State Parks on the Air	1400Z-2200Z, Sep 9
+ Russian Cup Digital Contest	1500Z-1859Z, Sep 9 and 0600Z-0959Z, Sep 10
+ ARRL September VHF Contest	1800Z, Sep 9 to 0300Z, Sep 11

### Da Prez Sez:

#### Next Meeting:

**Tuesday**  
**5-Sep-2017**  
**19:00-20:45**  
**West Boca Library**

**See our new Website:**  
[www.BRARA.org](http://www.BRARA.org)

**We had a very successful Tech Class Training and Laurel testing. This was our first time managing our own Laurel Test Sessions (6 & 10-Aug). Jerry, W4BFL was a wizard managing the testing.**

**Mark your calendar, we will be having a Fall Radiator Grill on Saturday 21-Oct. See the flyer/Ad on page 10.**

**We will be offering General Training 4/5 Nov and a Testing Session 9-Nov. See the flyer/AD on page 11.**

**Nominations for the New Board are being accepted and if necessary Elections will be held in November. See article on page 2 for the procedure we are following**

*My father hated radio and could not wait for television to be invented so he could hate that too.*

*Peter DeVries*

*If it weren't for Philo T. Farnsworth, inventor of television, we'd still be eating frozen radio dinners.*

*Johnny Carson*

<b>Contest and Special Event</b>	<b>Date Time Group</b>
+ North American Sprint, CW	0000Z-0400Z, Sep 10
+ <u>Swiss HTC QRP Sprint</u>	1300Z-1900Z, Sep 10
+ Classic Exchange, CW	1300Z, Sep 10 to 0800Z, Sep 11 and 1300Z, Sep 12 to 0800Z, Sep 13
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Sep 11
+ <u>RSGB 80m Autumn Series, SSB</u>	1900Z-2030Z, Sep 11
+ Phone Fray	0230Z-0300Z, Sep 13
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 13 and 1900Z-2000Z, Sep 13 and 0300Z-0400Z, Sep 14
+ <u>NCCC RTTY Sprint</u>	0145Z-0215Z, Sep 15
+ <u>NCCC Sprint Ladder</u>	0230Z-0300Z, Sep 15
+ <u>AGB NEMIGA Contest</u>	2100Z-2400Z, Sep 15
+ <u>ARRL 10 GHz and Up Contest</u>	0600 local, Sep 16 to 2400 local, Sep 17
+ <u>SARL VHF/UHF Analogue/Digital Contest</u>	1000Z, Sep 16 to 1000Z, Sep 17
+ <u>Scandinavian Activity Contest, CW</u>	1200Z, Sep 16 to 1200Z, Sep 17
+ <u>All Africa International DX Contest</u>	1200Z, Sep 16 to 1200Z, Sep 17
+ <u>SRT HF Contest SSB</u>	1300Z, Sep 16 to 1300Z, Sep 17
+ <u>Iowa QSO Party</u>	1400Z, Sep 16 to 0200Z, Sep 17
+ <u>Washington State Salmon Run</u>	1600Z, Sep 16 to 0700Z, Sep 17 and 1600Z-2400Z, Sep 17
+ <u>QRP Afield</u>	1600Z-2200Z, Sep 16
+ <u>New Hampshire QSO Party</u>	1600Z, Sep 16 to 0400Z, Sep 17 and 1600Z-2200Z, Sep 17
+ <u>New Jersey QSO Party</u>	1600Z, Sep 16 to 0359Z, Sep 17 and 1400Z-2000Z, Sep 17
+ <u>Feld Hell Sprint</u>	1800Z-1959Z, Sep 16
+ <u>North American Sprint, RTTY</u>	0000Z-0400Z, Sep 17
+ <u>BARTG Sprint 75</u>	1700Z-2059Z, Sep 17
+ <u>Run for the Bacon QRP Contest</u>	0100Z-0300Z, Sep 18
+ <u>144 MHz Fall Sprint</u>	1900 local - 2300 local, Sep 18
+ Phone Fray	0230Z-0300Z, Sep 20
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 20 and 1900Z-2000Z, Sep 20 and 0300Z-0400Z, Sep 21
+ <u>RSGB 80m Autumn Series, CW</u>	1900Z-2030Z, Sep 20
+ <u>NAQCC CW Sprint</u>	0030Z-0230Z, Sep 21
+ <u>NCCC RTTY Sprint</u>	0145Z-0215Z, Sep 22
+ <u>NCCC Sprint Ladder</u>	0230Z-0300Z, Sep 22
+ <u>CQ Worldwide DX Contest, RTTY</u>	0000Z, Sep 23 to 2400Z, Sep 24
+ <u>Maine QSO Party</u>	1200Z, Sep 23 to 1200Z, Sep 24
+ <u>Texas QSO Party</u>	1400Z, Sep 23 to 0200Z, Sep 24 and 1400Z-2000Z, Sep 24
+ <u>AGCW VHF/UHF Contest</u>	1400Z-1700Z, Sep 23 (144) and 1700Z-1800Z, Sep 23 (432)
+ <u>220 MHz Fall Sprint</u>	1900 local - 2300 local, Sep 26
+ <u>SKCC Sprint</u>	0000Z-0200Z, Sep 27

## *Speaker Bio-Synopsis:*

### **Bio Sketch: Jesse Sheinwald, N2CA**

Jesse Sheinwald, N2CA received his Novice license in 1962, General in 1963, and his Extra in 1974. He earned the BEE degree from Pratt Institute, Brooklyn, NY in 1972 and the MSE(EE) degree from The University of Michigan, Ann Arbor, MI in 1973. Although now retired, he had an engineering career that spanned more than four decades primarily in military and defense RF and microwave electronics. He has published articles on Monolithic Microwave Integrated Circuit (MMIC) testing and integrating filter designs into hybrid microwave assemblies.

Now living in Boynton Beach, he is busy devising HF stealth antennas that will pass muster with the local HOA and writing signal processing algorithms in Mathematica. He is primarily interested in chasing DX and ragchewing on HF CW using no more than 100 watts (sometimes less) utilizing simple, stealthy multi-band antennas.

### **Synopsis: Information for DXing**

A Smith chart is a powerful tool of circuit and transmission line analysis. While it is a complex tool of engineering analysis, interpretation is not. Smith charts sometimes make it into amateur publications and books so that having an idea of what they mean could be useful even to those with minimal technical backgrounds. After all, the ARRL still advertises ham radio as a 'scientific hobby'.

Jesse will also provide a link to free Smith chart software so that anyone can try it out for themselves.

Contest and Special Event	Date Time Group
+ Phone Fray	0230Z-0300Z, Sep 27
+ CWops Mini-CWT Test	1300Z-1400Z, Sep 27 and 1900Z-2000Z, Sep 27 and 0300Z-0400Z, Sep 28
+ UKEICC 80m Contest	2000Z-2100Z, Sep 27
+ RSGB 80m Autumn Series, Data	1900Z-2030Z, Sep 28
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 29
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 29
+ Feld Hell Sprint	0000Z-2359Z, Sep 30
+ UK/EI DX Contest, SSB	1200Z, Sep 30 to 1200Z, Oct 1
+ Russian WW MultiMode Contest	1200Z, Sep 30 to 1159Z, Oct 1



The Great Shofar  
is sounded  
and  
a still small voice  
is heard



*L'shanah Tovah!*

May this  
New Year  
be filled with  
health and  
happiness for  
you and  
your family.

## *DX Operating News and Information*

Credit for the below information and further information can be found at the following website: <http://www.ng3k.com>

Start	End	DXCC	Call	QSL via	Reported by	Information
2017 Aug27	2017 Sep04	Vanuatu	YJ0CX	CX3AN	<a href="#">DXW.Net</a>	By CX3AN fm IOTA OC-035; focus on 40 30m CW and 20 17m SSB; 100w; dipoles
2017 Aug27	2017 Sep08	South Cook Is	E51DLD	W6HB	<a href="#">DXNews</a>	By W6HB fm Rarotonga I (IOTA OC-013); 160-10m; SSB
2017 Aug28	2017 Sep04	Micronesia	<a href="#">V63KS</a>	LotW	<a href="#">TDDX</a>	By JA6REX fm Chuuk I (IOTA OC-011); 160-6m; CW SSB RTTY
2017 Aug28	2017 Sep13	Vanuatu	YJ0AT	LotW	KQ2I	By KQ2I fm IOTA OC-035; 40-10m, focus on 40m; CW; 100w; vertical; QSL also OK via NR6M
2017 Aug29	2017 Sep03	Montenegro	<a href="#">407GXB</a>	LotW	IZ7GXB	By IZ7GXB; HF + 6m, focus on 6m; 500w; QSL also OK via IZ7GXB direct or 4O Buro
2017 Aug29	2017 Sep14	Vanuatu	YJ0AT	KQ2I Direct	<a href="#">TDDX</a>	By KQ2I fm Efate I; 40-10m, focus on 40m; CW; 100w; vertical; holiday style operation; QSL also OK via Club Log
2017 Sep01	2017 Sep04	South Cook Is	<a href="#">E51JHQ</a>	LotW	<a href="#">DXW.Net</a>	By JA0JHQ fm Rarotonga (IOTA OC-013); 80-6m; 200w; micro vertical; QRV for All Asian DX SSB; call sign pending; QSL also OK via JA0JHQ direct or Club Log
2017 Sep01	2017 Sep10	Algeria	7Y94I	7X2DD	<a href="#">DXW.Net</a>	By Radio Club of Djelfa fm Rachgoun I (IOTA AF-094); HF
2017 Sep05	2017 Sep22	Mauritius	3B8	LotW	<a href="#">DXW.Net</a>	By PA3HGT as 3B8/PA3HGT fm IOTA AF-049; 40 20 10m; SSB + digital; 100w; end-fed wire; QSL also OK via PA3HGT (Buro or diret)
2017 Sep06	2017 Sep13	Morocco	CN2	LotW	TA1HZ	By TA1HZ TA7AZC as TBD; holiday style operation; QRV for WAE DX SSB Contest; QSL also OK via LZ3HI
2017 Sep06	2017 Oct01	French Polynesia	FO	DF1YP Buro	DF1YP	By DF1YP as FO/DF1YP fm Moorea I (IOTA OC-046, BH52cm, WWFF FFF-0178); 20-15m; SSB + digital; holiday style operation
2017 Sep07	2017 Sep15	Botswana	A25AL	Auto Buro	<a href="#">TDDX</a>	By IW5ELA; mainly CW; vertical; spare time operation
2017 Sep09	2017 Sep22	Dodecanese	SV5	LotW	<a href="#">TDDX</a>	By HB9OAU as SV5/HB9OAU fm Karpathos I (IOTA EU-001); 40-10m; SSB RTTY PSK; QSL also OK via HB9OAU (Buro or direct) or eQSL



Start	End	DXCC	Call	QSL via	Reported by	Information
2017 Sep12	2017 Sep28	<b>Cocos &amp; Keeling</b>	<a href="#">VK9CGJ</a>	W7GJ	W7GJ	By W7GJ; 6m; mainly EME, some SSB CW; exact dates uncertain
2017 Sep13	2017 Sep25	<b>Niue</b>	<a href="#">E6AG</a>	LotW	<a href="#">DXW.Net</a>	By VK5GR; 40-6m, perhaps 80m; mainly digital, some SSB; 500w; vertical folded dipole; QSL also OK via M0OXO OQRS, Club Log, eQSL, VK5GR Buro
2017 Sep14	2017 Sep21	<b>Galapagos</b>	<b>HD8M</b>	WB2REM	<a href="#">TDDX</a>	By WB2REM VK2BXE KG0YL N1MWJ G8OFQ fm Isabela I (IOTA SA-004); 160-6m
2017 Sep15	2017 Sep20	<b>Svalbard</b>	<b>JW</b>	OM6TC Buro	<a href="#">DXW.Net</a>	By OM6TC as JW/OM6TC; HF; CW SSB; 100w; wires
2017 Sep15	2017 Sep25	<b>Botswana</b>	<b>A25</b>	Home Call	<a href="#">TDDX</a>	By RM0F as A25BI, R2AD as A25SP, RC5A as A25BE fm Kasane; 160-6m; CW SSB; QSL OK via Buro or direct; A25BI and A25BE will use LotW
2017 Sep16	2017 Sep28	<b>Mauritania</b>	<a href="#">5T5OK</a>	LotW	<a href="#">DXW</a>	By OK1BOA OK1CRM OK6DJ OK1FCJ OK1GK OK2ZA OK2ZI 5T0JL 5T2AI; 160-6m; SSB CW RTTY; 100w; yagis, verticals; QSL also OK via <a href="#">OK6DJ.Net</a>
2017 Sep17	2017 Sep23	<b>St Pierre &amp; Miquelon</b>	<b>FP</b>	Home Call	<a href="#">TDDX</a>	By M0WUT as FP/M0WUT, M0BLF DK2AB G3ZAY DH5FS G7VJR likewise fm IOTA NA-032; all bands; all modes
2017 Sep20	2017 Sep26	<b>Palau</b>	<b>T88XA</b>	LotW	<a href="#">TDDX</a>	By JA3KIO fm Koror Island (IOTA OC-009); 160-10m; CW SSB; yagi + dipoles; QSL also OK via JA3KIO (Buro or direct)
<b>CQ. WW DX Contest, RTTY Sep 23-24,2017</b>						
2017 Sep27	2017 Oct02	<b>Micronesia</b>	<b>V63FKR</b>	JR1FKR	<a href="#">DXW.Net</a>	By JR1FKR fm Pohnpei (IOTA OC-010); HF
2017 Sep28	2017 Oct30	<b>Burkina Faso</b>	<b>XT2AW</b>	M0OXO	<a href="#">OPDX</a>	By DF2WO; 40-10m; CW SSB + digital; hex beam, dipole
2017 Sep30	2017 Oct20	<b>Temotu</b>	<a href="#">H40GC</a>	LotW	LZ1GC	By LZ1GC; 160-10m; CW SSB RTTY PSK; QSL also OK via LZ1GC or Club Log

## *ARRL Simulated Emergency Test (SET) Fall Classic Set for First Weekend in October 2017*

The main weekend for the 2017 ARRL Simulated Emergency Test (SET) is only a little more than a month away -- Saturday and Sunday, October 7 and 8. This primary League-sponsored national emergency exercise is designed to assess the skills and preparedness of ARES® and other organizations involved with emergency and disaster response.

"Every local ARES team and/or

ARRL Section will come up with their own scenarios and work with served agencies/partners during the SET,

"SETs can be scheduled at the local and Section levels and conducted throughout the fall season to help maximize participation," Ewald said, "and ARRL Field Organization leaders have the option of conducting their SETs on another weekend if October 7 and 8 are not convenient."

ARRL Field Organization Leaders -- Section Managers, Section Emergency Coordinators, Section Traffic Managers, District Emergency Coordinators, Emergency Coordinators, and all of their Assistants and Net Managers -- are among those tasked with developing plans and scenarios for this year's SET.

The SET invites all radio amateurs to become aware of emergency preparedness and available training. ARES, RACES, National Traffic System™, SKYWARN, CERT, SATERN, and other allied groups and public service-oriented radio amateurs are encouraged to participate."

The object of the annual nationwide exercise is to test training and skills and to try out new methods. It's a time to work with partner organizations and served agencies to get to know them better and to determine their needs before an emergency or disaster strikes. Knowing who to contact within partner groups with the planned procedures will help everyone accomplish their goals and succeed in their missions.

# BRARA FALL RADIATOR GRILL



10:00am – 1:00pm Sat/Sun

21 Oct 2017



At the Ham Shack in West Delray Park

10875 W Atlantic Ave, Delray Beach, FL 33446



**EVERYONE IS WELCOME:** HAMS, Family, Friends, Perspective HAMS

**Youth Hours:** 09:00am-11:00am

**Talk-In Repeaters:** Analog 145.290 MHz (PL 110.9) or DMR 443.300 TS2 TG2

Enjoy with us:

- Ham Radio and Coradery
- Hamburgers and Hot Dogs; Chips and Soft Drinks

**Contacts:**

- Gerry Gawaldo    561-706-8338    KG4FUR@yahoo.com or
- Art Lewis        330-518-6868    WA8VSJ@gmail.com

# BRARA GEN CLASS TRAINING



9:00am – 5:00pm Sat/Sun

4/5 Nov 2017



At the Ham Shack in West Delray Park

10875 W Atlantic Ave, Delray Beach, FL 33446



## FREE LAUREL HAM LICENSE TESTING

7:00pm – 9:00pm Thu

9 Nov 2017

James A Rutherford Comm Ctr, Patch Reef Pk

2000 Yamato Rd, Boca Raton, FL 33431

### Requirements:

- Enthusiasm for the Hobby and Willingness to Learn & Study
- Note Pad and Two No.2 Pencils with Erasers
- For Testing: Current License (if you have one), Picture ID, SSN or FRN

**Talk-In Repeaters:** Analog 145.290 MHz (PL 110.9) or DMR 443.300 TS2 TG2

### Contacts:

- Bruce Ratoff      561-862-8198      Training@BRARA.org
- Jerry Zaza      305-706-8338      Testing@BRARA.org

## Florida State Convention (52nd Annual Melbourne Hamfest)

Start Date: 10/13/2017  
 End Date: 10/14/2017  
 Location: Melbourne Auditorium  
 625 East Hibiscus Blvd.  
 Melbourne, FL 32901  
 Website: <http://www.pcars.org>  
 Sponsor: Platinum Coast Amateur Radio Society  
 Type: ARRL Convention  
 Talk-In: 146.85  
 Public Contact: Dan Fisher , AI4GK  
 PO Box 100081 Palm Bay, FL 32910  
 Phone: 321-723-7582  
 Email: [ai4gk@cfl.rr.com](mailto:ai4gk@cfl.rr.com)

## Fall 2017 Cy Harris Free Flea

Start Date: 10/28/2017  
 End Date: 10/28/2017  
 Location: Collins Center  
 3900 3rd Avenue  
 Oakland Park, FL  
 Website: <http://browardarc.net/free-flea/>  
 Sponsor: Broward ARC (W4AB)  
 Type: ARRL Hamfest  
 Talk-In: 146.91 (PL 110.9)  
 Public Contact: Tony Becker , KK4GUU  
 3721 West State Road 84, Unit 102 Davie,  
 FL 33312  
 Phone: 954-612-9303  
 Email: [kk4guu@arrl.net](mailto:kk4guu@arrl.net) Phone: 772-905-3552  
 Email: [johnsails@hotmail.com](mailto:johnsails@hotmail.com)

## Free Laurel VEC Testing



Sun 3-SEP-2017, 11:00-13:00, Fire Station 28, 1040 RPB Blvd, Royal Palm Beach [PWARC] (1st Sunday of odd months).

Tue 12-Sep-2017, 18:00-19:30, Broward Gen MC, 1600 S Andrews Ave, Ft Lauderdale [BARC] (2nd Tue of every month).

Thu 9-Nov-2017, 19:00-21:00, Rutherford Com Ctr, 2000 Yamato Rd, Boca Raton, FL 33498 [BRARA] (Quarterly: Feb, May, Aug, Nov)

## Welcome New Members:

See new members on page 2

## For more on BRARA:

Website: [www.brara.org](http://www.brara.org)  
 Twitter: [BRARA@N4BRF](https://twitter.com/BRARA_N4BRF)  
 Instagram: [#BRARA\\_N4BRF](https://www.instagram.com/BRARA_N4BRF)  
 Facebook: [facebook.com/BRARA-138743906714224](https://www.facebook.com/BRARA-138743906714224)

Please be advised that the above are the official BRARA social media sites. No other social media sites are recognized by BRARA.

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Congratulations to the following hams who successfully either joined the ham ranks and/or advanced in class:



KN4DED	[E]	Eric Small*
KN4FET	[G]	Philip Voluck
N4JPM	[G]	John Murnaghan
KN4FEK	T	Thomas Nolan
KN4FEL	T	Glen Joseph
KN4FEM	T	Mark Morrison
KN4FEN	T	Stephen Martin
KN4FEO	T	John Martins
KN4FEP	T	Paul Murnaghan
KN4FEQ	T	James Nolan
KN4FER	T	Stephen Warden
KN4FES	T	Charles Crichton
KN4FEU	T	Braeden Denny
KN4FFO	T	Rose Marie Arnold

\* BRARA members

## BRARA Ham Shack

### Key Rules <sup>K4LeW</sup>

To obtain a key for our ham shack you must be a member in good standing for a minimum of a continuous year and hold a general class license or above and go through a short training session with K4LEW (Lew), W4BFL (Jerry), W4WCD (Walt) or N4CGC (Max).

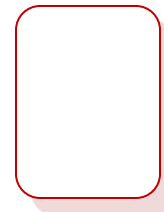
### the Radio Flyer's Purpose

The purpose of this newsletter is to keep club members and other interested hams updated on club events and ham activities in the Greater Boca Raton Area. We hope you enjoy this month's *the RF* as much as we did publishing it!



the Radio Flyer

P.O. Box 480162  
 Delray Beach, FL 33448-0162



BRARA Club Member Name  
 Call Sign  
 Street Address  
 City, State Zip Code

