

# the *Radio Flyer*, a *BRARA* Newsletter

May 2017



## *BRARA* Calendar:

**Mon 01-May-17 Law & Loyalty Day**

19:00 Mon 01-May-17 (145.29 [110.9])  
Monday Night Nets

19:00-21:00 Tue 02-May-17  
Club Meeting @ West Boca Library

09:00-12:00 Wed 03-May 17  
Ham Shack Work & Radio Day

**Thu 04-May-17 Nat'l Day of Prayer**

**Fri 05-May-17 Cinco de Mayo**

09:00-13:00 Sat 06 May-17  
Ham Shack Work & Radio Day

20:00 Sun 07 May-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 08-May-17 (145.29 [110.9])  
Monday Night Nets

09:00-12:00 Wed 10-May-17  
Ham Shack Work & Radio Day

09:00-12:00 Sat 13-May-17-16  
Ham Shack Work & Radio Day

**Sun 14-May-17 Mothers Day**

20:00-21:00 Sun 14 May-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 15-May-17(145.29 [110.9])  
Monday Night Nets

09:00-12:00 Wed 17-May-17  
Ham Shack Work & Radio Day

**Sat 20-May-17 Armed Forces Day**

09:00-12:00 Sat 20-May-17  
Ham Shack Work & Radio Day

20:00-21:00 Sun 21-May-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 22-May-17 (145.29 [110.9])  
Monday Night Nets

09:00-12:00 Wed 24-May-17  
Ham Shack Work & Radio Day

09:00-12:00 Sat 27-May-17  
Ham Shack Work & Radio Day

12:00 Noon Sun 28-May-2017  
Deadline for Newsletter Input

20:00-21:00 Sun 28-May-17 (443.300)  
DMR-FL-LO Tech Net [TS2 TG2]

**Mon 29-May-17 Memorial Day**

19:00 Mon 29-May-17 (145.29 [110.9])  
Monday Night Nets

09:00-12:00 Wed 31-May-17  
Ham Shack Work & Radio Day



## *This Month's Speaker*

This month, (2-May), Ed Callaway (N4II) was asked to present. As of the newsletter deadline we have not received a synopsis of Ed's presentation.

Next month (6-Jun), we will go over final preparations for FD-2017.

Possible future speakers include:

- Ryan Krenzischek (W4NTR): Army MARS



## *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.

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

As we closed out the Month, N4BRF has logged in 2,774 QSLs 8,555 QSOs (32.4%) on LowTW.

**DXCC Account Status:** New this month Cote d'ivoire (TU). Awards received: Mixed, CW, Phone, 20m, 17m, 15m and 10m.

**WAS Account Status:** Nothing new this month. 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, ME, 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
- 280 (+1) QSOs from 2015
- 155 (+2) QSOs from 2016

**VUCC Account Status:** EN70 (6m).

Update at the next Club Meeting.



## Armed Forces Day Crossband Military/ Amateur Radio Communications Test

ARLX004 Armed Forces Day  
Crossband MIL/HAM Radio Comm  
Test is May 13.

The US Army, Air Force, Navy, and Coast Guard will sponsor the traditional military/amateur radio communication tests on Saturday, May 13 to mark the 66th annual Armed Forces Day (AFD). Armed Forces Day is May 20, but the AFD Crossband Military-Amateur Radio event will take place a week earlier in order to avoid schedule conflicts with those attending Hamvention.

Complete information, including military stations, modes, and frequencies, is available on the US Army MARS website at, <http://www.usarmymars.org/home/announcements>.

The annual celebration is a unique opportunity to test two-way communication between radio amateurs and military stations (authorized under Part 97.111 of the Amateur Service rules). It features traditional military-to-amateur crossband SSB voice, CW, practice using legacy interoperability wave forms, and the opportunity for participating hams to utilize more modern military modes, such as MIL-STD Serial PSK and Automatic Link Establishment (ALE). Military stations and Amateur Radio stations are authorized to communicate directly on certain 60-meter interoperability channels - 5,330.5, 5346.5, and 5,371.5 kHz.

These tests give Amateur Radio operators and shortwave listeners a chance and a challenge to demonstrate individual technical skills and to receive recognition from the appropriate military radio station. QSL cards will be available for stations successfully contacting participating military stations.

The Armed Forces Day message will be transmitted via Military Standard radio teletype modes (MIL-STD 188-110A/B). Software is available to demodulate the military serial PSK waveform, and detailed instructions can be downloaded from, [http://www.n2ckh.com/MARS\\_ALE\\_FORUM/MSDMT.html](http://www.n2ckh.com/MARS_ALE_FORUM/MSDMT.html) [http](http://www.n2ckh.com/MARS_ALE_FORUM/MSDMT.html). Utilizing this mode with soundcard equipment can be challenging; review the instructions carefully.

A short practice transmission will be (

sent at 1930 and 2330 on May 6, 7, 10, and 12 on 13.506.5 MHz USB and 17.443.0 MHz USB.

Military FSK is Baudot at 850 Hz, 75 baud, low mark, and 2000 Hz center. Most RTTY programs can be set to decode this mode. To achieve low mark while receiving in USB, select reverse shift.

QSL cards are available for individuals that receive the Armed Forces Day test message. To receive a card, copy the printed text of the test message as received from the military station, and include it in your report. No attempt should be made to correct possible errors.

Stations copying Armed Forces Day messages transmitted from US Army and US Navy stations and requesting a QSL card, can complete the QSL report form online at, <http://www.usarmymars.org/>. Stations copying the Armed Forces Day message transmitted from US Air Force stations and seeking a QSL card should send a request to Armed Forces Day Celebration, Chief, Air Force MARS, 203 W. Losey St, Scott AFB, IL 62225.

Include a transcript of the received text, time observed, frequency observed, military station call sign, your full name and Amateur Radio call sign (if applicable), full mailing address (including ZIP code).

Stations with Automatic Link Establishment (ALE) capability can contact a military station on specific half duplex crossband channels established for this purpose. ALE is a selective calling and linking method utilized by government, military, and amateur radio communications. Military stations will scan and receive certain amateur HFLINK ALE frequencies and transmit on the corresponding military ALE frequency. Military stations will also transmit ALE station identification (soundings) on each military frequency at 30- to 90-minute intervals. Amateur stations may scan military frequencies and monitor the soundings to build the LQA database or select the channel manually. Amateur stations will call military stations using ALE selective calling on one of the paired cross band channel.

## *DXcc, was, vucc*

If you don't recognize the alphabet soup in the title of this link, you probably haven't explored the joys of chasing ARRL awards. While you're on the air talking to stations, you could also be qualifying for some "wallpaper" celebrating your accomplishments. Check out the ARRL site for additional information.



## LIFE IS SIMPLE



**No Smoking**  
UNLESS YOU'RE A RADIO WITH A SHORTED CAPACITOR.

## 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
Tue	20:00	IRLP Tech	147.075 MHz
Fri	09:00	SARNet:	
		PBC	443.975 MHz
		FTL	442.850 MHz

## Scheduled DMR Nets

Day	EDST	Talk Group	
Sun	2000	TG-2	(LO) FL Tech
Mon	1600	TG-13	(EN) UK Tech
Wed	2100	TG-03	(NA) NATech
Sat	1200	TG-01	(WW)

## Local DMR Repeaters

Location	Rx Freq	Color Code
Miami	442.225	1
N Dade	443.1250	10
Dania Bch	442.4000	1
Plantation	442.4250	1
Boca Raton	442.0000	8
Delray Bch	443.3000	1
Wellington	442.3000	7
Lk Worth	444.4500	10 In Repair
WPB	444.9125	1
PBG	442.1000	10
Jupiter	442.6000	10 Pending

## Social Media Committee

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

## 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:

K4LEW (Lew), KG4FUR (Gerry),  
KO4XL (Bruce), WA8VSJ (Art),  
KE4OBV (Patrick), W4BFL (Jerry),  
and W4WCD (Walt)

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
- \$5 Associate 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

E5D13

How much power is consumed in a circuit consisting of a 100 ohm resistor in series with a 100 ohm inductive reactance drawing 1 ampere?

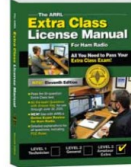
- A. 70.7 Watts
- B. 100 Watts
- C. 141.4 Watts
- D. 200 Watts

(Hint - kind of a trick question - inductors and capacitors are not considered to consume power)

E5D18

How many watts are consumed in a circuit having a power factor of 0.71 if the apparent power is 500VA?

- A. 704 W
- B. 355 W
- C. 252 W
- D. 1.42 mW

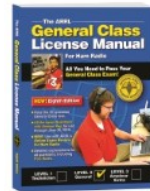


### General Pool

G8B09

Why is it good to match receiver bandwidth to the bandwidth of the operating mode?

- A. It is required by FCC rules
- B. It minimizes power consumption in the receiver
- C. It improves impedance matching of the antenna
- D. It results in the best signal to noise ratio



G8B12

What is the relationship between transmitted symbol rate and bandwidth?

- A. Symbol rate and bandwidth are not related
- B. Higher symbol rates require higher bandwidth
- C. Lower symbol rates require higher bandwidth
- D. Bandwidth is constant for data mode signals

### Answers to License Refresher:

- E5D13 (B)
- E5D18 (B)
- G8B09 (D)
- G8B12 (B)

## 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@yahoo.com



## New Hams Corner *WA2NSW*

There are a lot of fun things for hams to do in this hobby. A lot of people will participate in an organized contest. The usual goal is to contact as many people as you can within the designated time limit. There are many ways to get "extra" points and they differ by contest. The rules for most contests are published on a website and are available in magazines like QST published by the ARRL.

To participate you will need a few things to make your experience a better one. Good equipment, a way to log your contacts and a comfortable operating position. If you plan on going for an extended time make sure you have a bathroom, food and place to rest. A comfortable chair is my favorite thing to have...your rear end will get sore after a few hours of sitting.

If you are lucky enough to cause a pile-up (a lot of stations calling you) then take a deep Breath...log the stations and call them back in order. Once you have finished your list you can go back to a general call requesting the next round of calls. I like 2-3 at a time as it is easier to keep track and log them correctly.

Ok, about now someone is saying "but what contests can I participate in? I am only a Tech!". My answer: The twice a year VHF QSO Party, A lot of state QSO parties and of course the grand Contest of them all...Field Day. More about that next month.

If you have never listened to a contest operation before it will be a GREAT idea to just listen for 15 minutes then jump into the soup. Get the feel for how to rate signals using your ears and A signal strength meter if you have one. BE HONEST. I have doubted a return signal report a few times because of the power I was using, the antenna system or other things like weather. While I am mentioning weather, if you are operating outside make sure you are prepared!

One final idea that I should have started with...Join a club operation or team up with some experienced hams for your first contest. They can give you a lot of tips but watching them will really help you see what participating in a contest is like. Ask questions before a contest because in the heat of the battle a lot of hams will not want to answer you or will push you aside if they feel like you are faltering. Don't let nerves get to you, just have fun!



## Ham Humor

### Study Finds Anomaly With Amateur Radio Operators

By radioartisan

Results from a study published by University of California Berkeley in The Journal of Psychology found that amateur radio operators are 45% more likely than the general public to believe fake news articles or material with misleading or outright wrong claims. Researchers weren't specifically studying amateur radio operators, but discovered the correlation by accident.

The report noted:

*"We tested over 15,000 adult subjects and recorded profiles of each person... the common attributes like age, race, ethnicity, etc. and also their likes, dislikes, hobbies, diets, habits, etc. We discovered a strong and unexpected correlation with those claiming to be amateur or "ham" radio operators after running all of the data through an analysis using a recently developed Reverse Polish Bayesian algorithm. The unexpected data correlation continues to have the research team puzzled and further study is warranted."*

There is currently no proven explanation for the correlation, however one plausible hypothesis has emerged, that exposure to high levels of radio frequency energy combined with very fatty diets and long periods of television viewing, with political and news programming exposure, causing the frontal cortex of the brain to rapidly atrophy. Researchers are struggling to reproduce the characteristics as lab mice either die or become very disinterested when exposed to the combination of factors, especially when frequencies in the 3.5 Mhz range are used in experiments.



### Song Played on 14.313 Wins Grammy

By K5KVN, on the scene

**BEVERLY HILLS, CA** – A Los Angeles songwriter was thrilled – but totally surprised – when he won a Grammy for an obscure song he wrote two years ago.



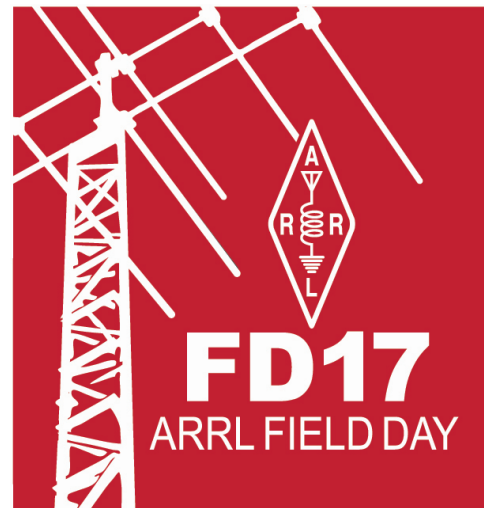
The award was announced at a small event the day after the Grammys and was not televised. At the ceremony, Grammy officials said the song had been played more than 2,500 times on 14.313 MHz. The tally came directly from Official Observer reports and complaints from around the amateur radio community.

The songwriter, Eldon Jarvis, has been a struggling instrumental composer for more than 10 years but specializes in what he describes as "songs that annoy people." He says he was told about winning the award, the first he's ever won, while eating a microwave pizza at his home.

"I had never heard of ham radio or a radio station called 14.313. Do they play instrumental jazz?" says Jarvis. He says he has learned a great deal about amateur radio this week and will tap into his new fame by launching a new website at [songstoQRMpeople.com](http://songstoQRMpeople.com).

The award-winning song, as well as various other compositions and musical sound effects can be heard nearly 24/7 on 14.313 MHz.

### [hamhijinks.com](http://hamhijinks.com)



# FD17

ARRL FIELD DAY

## WWW.ARRL.ORG

18:00 UTC Sat–20:59 Sun  
24-25 June 2017

Again, this year we will be operating from the shack as a 3E Home Station using emergency power.

There are no substantive rule changes from 2016. There are some minor changes on VHF/UHF Information.

For specifics, please consult the above ARRL website.

We still get Bonus Points for:

1. Emergency Pwr-100 points per Transmitter
2. Media-100 points for attempting to secure Local Media publicity
3. Pub Loco-No points
4. Pub Info-No points
5. SM/SEC Messages-100 points
6. Messages Originated-100 points
7. Satellite QSO-No points
8. Alt Pwr-5 QSOs = 100 points
9. W1AW FD Bulletin-100 points
10. Edu Activity-100 points
11. Elected Official Visit-100 points
12. Site Visit: ARC/SA/EM-100 points
13. GOTA-No points
14. Web Submission-50 points
15. Youth-10 points per QSO
16. Social Media-100 points for FD promo
17. Safety Officer-No points

We need to insure that we maximize the other bonus point options like Social Media.

Join us on Twitter [BRARA@N4BRF](https://twitter.com/BRARA@N4BRF) and on Instagram [#BRARA\\_N4BRF](https://www.instagram.com/BRARA_N4BRF) as well as on Facebook.

New this year, are the 40m and 20m band pass filters donated by WA8VSJ and KG4FUR respectively. We may want an 80 m band pass filter too.

## 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
+ AGCW QRP/QRP Party	1300Z-1900Z, May 1
+ RSGB 80m Club Championship, SSB	1900Z-2030Z, May 1
+ ARS Spartan Sprint	0100Z-0300Z, May 2
+ Phone Fray	0230Z-0300Z, May 3
+ CWops Mini-CWT Test	1300Z-1400Z, May 3 and 1900Z-2000Z, May 3 and 0300Z-0400Z, May 4
+ 432 MHz Spring Sprint	1900 local - 2300 local, May 3
+ NRAU 10m Activity Contest	1700Z-1800Z, May 4 (CW) and 1800Z-1900Z, May 4 (SSB) and 1900Z-2000Z, May 4 (FM) and 2000Z-2100Z, May 4 (Dig)
+ MIE 33 Contest	2300Z, May 4 to 0300Z, May 5
+ NCCC RTTY Sprint	0145Z-0215Z, May 5
+ NCCC Sprint	0230Z-0300Z, May 5
+ Araucaria VHF Contest	0000Z, May 6 to 1600Z, May 7
+ 10-10 Int. Spring Contest, CW	0001Z, May 6 to 2359Z, May 7
+ SBMS 2.3 GHz and Up Contest and Club Challenge	0600 local, May 6 to 2359 local, May 7
+ Microwave Spring Sprint	0800-1400 local, May 6
+ F9AA Cup, PSK	1200Z, May 6 to 1200Z, May 7
+ ARI International DX Contest	1200Z, May 6 to 1159Z, May 7
+ 7th Call Area QSO Party	1300Z, May 6 to 0700Z, May 7
+ Indiana QSO Party	1500Z, May 6 to 0300Z, May 7
+ FISTS Spring Slow Speed Sprint	1700Z-2100Z, May 6
+ Delaware QSO Party	1700Z, May 6 to 2359Z, May 7
+ New England QSO Party	2000Z, May 6 to 0500Z, May 7 and 1300Z-2400Z, May 7
+ Phone Fray	0230Z-0300Z, May 10
+ CWops Mini-CWT Test	1300Z-1400Z, May 10 and 1900Z-2000Z, May 10 and 0300Z-0400Z, May 11
+ RSGB 80m Club Championship, Data	1900Z-2030Z, May 10
+ NAQCC CW Sprint	0030Z-0230Z, Apr 11
+ NCCC RTTY Sprint	0145Z-0215Z, May 12
+ NCCC Sprint	0230Z-0300Z, May 12
+ Jakarta DX Contest 40m	1000Z-2200Z, May 13
+ Portuguese Navy Day Contest	1100Z, May 13 to 2300Z, May 20
+ HPC World Wide DX Contest	1200Z, May 13 to 1159Z, May 14
+ SKCC Weekend Sprintathon	1200Z, May 13 to 2400Z, May 14
+ VOLTA WW RTTY Contest	1200Z, May 13 to 1200Z, May 14
+ CQ-M International DX Contest	1200Z, May 13 to 1159Z, May 14
+ Arkansas QSO Party	1400Z, May 13 to 0200Z, May 14

### Da Pres says:

#### Next Meeting:

**Tuesday**  
**02-May-2017**  
**19:00-20:45**  
**West Boca Library**

**I would like to thank all of you for respecting the Extra Class students who are occupying the ragchewing area of our HAM Shack both last week end and the first weekend of May. Testing is Thursday 11-May at Patch Reef Park.**

**The next major event for us is FD17 on the weekend of 24/25 June. We are always looking for a few good HAMS to man the stations either on the air or as loggers. More on this next month. Who am I kidding, we aren't proud, we will take any licensed HAM. But CW operators are a premium.**

**Sometime after this weekend's training and FD17 we need to work on the shack. We need to straighten out both the shack and the shed. We also need to make a trip to PBC recycling. It is time to retire one of the sofas!**

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

Johnny Carson

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

Peter DeVries

<b>Contest and Special Event</b>	<b>Date Time Group</b>
+ MARAC County Hunters Contest	1400Z-2400Z, May 13 and 1400Z-2400Z, May 14
+ FISTS Spring Unlimited Sprint	1700Z-2100Z, May 13
+ 50 MHz Spring Sprint	2300Z, May 13 to 0300Z, May 14
+ WAB 7 MHz Phone	1000Z-1400Z, May 14
+ UA2 QSO Party	1300Z-1659Z, May 14
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, May 15
+ Phone Fray	0230Z-0300Z, May 17
+ CWops Mini-CWT Test	1300Z-1400Z, May 17 and 1900Z-2000Z, May 17 and 0300Z-0400Z, May 18
+ NCCC RTTY Sprint	0145Z-0215Z, May 19
+ NCCC Sprint	0230Z-0300Z, May 19
+ Slobzhansky Sprint Contest	1800Z-1959Z, May 19 (SSB) and 2000Z-2159Z, May 19 (CW)
+ UN DX Contest	0600Z-2100Z, May 20
+ NZART Sangster Shield Contest	0800Z-1100Z, May 20 and  0800Z-1100Z, May 21
+ Aegean RTTY Contest	1200Z, May 20 to 1200Z, May 21
+ His Maj. King of Spain Contest, CW	1200Z, May 20 to 1200Z, May 21
+ EU PSK DX Contest	1200Z, May 20 to 1200Z, May 21
+ Feld Hell Sprint	1600Z-1759Z, May 20 and 2000Z-2159Z, May 20
+ Baltic Contest	2100Z, May 20 to 0200Z, May 21
+ Run for the Bacon QRP Contest	0100Z-0300Z, May 22
+ SKCC Sprint	0000Z-0200Z, May 24
+ Phone Fray	0230Z-0300Z, May 24
+ CWops Mini-CWT Test	1300Z-1400Z, May 24 and 1900Z-2000Z, May 24 and 0300Z-0400Z, May 25
+ RSGB 80m Club Championship, CW	1900Z-2030Z, May 25
+ NCCC RTTY Sprint	0145Z-0215Z, May 26
+ NCCC Sprint	0230Z-0300Z, May 26
+ CQ WW WPX Contest, CW	0000Z, May 27 to 2359Z, May 28
+ SARL Digital Contest	1300Z-1600Z, May 28
+ QRP ARCI Hootowl Sprint	2000 local - 2400 local, May 28
+ Phone Fray	0230Z-0300Z, May 31
+ CWops Mini-CWT Test	1300Z-1400Z, May 31 and 1900Z-2000Z, May 31 and 0300Z-0400Z, Jun 1

## *Speaker Bio-Synopsis:*

Bio sketch: None Submitted

Topic:  
None submitted

You know it's bad when...you start hearing CW all the time, and there really isn't any...

**Clinton Herbert [AB7RG]**

**“When radio keeps silent, our ears shall never hear the real details!”**

**Ernest Agyemang Yeboa**

## DX Operating News and Information

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

Start	End	DXCC	Call	QSL via	Reported by	Information
2017 Apr 13	2017 May10	Solomon Is	H44MS	DL2GAC	DXNews	By DL2GAC fm Malaita I (IOTA OC-047); 160-10m; SSB; QRV for CQ 160m SSB Contest
2017 Apr17	2017 May08	Guatemala	TG7	KC0W Direct	DXW.Net	By KC0W as TG7/KC0W; 40-6m; CW; 100w; work once per band; Non US include US\$2 w/ QSL request, US w/ SASE
2017 Apr19	2017 May09	Vietnam	XV9G	JP7MBO	OPDX	By JP7MBO fm Ho Chi Minh City; 40 20m, perhaps 15m; CW SSB; QSL also OK via eQSL
2017 Apr21	2017 May15	Guatemala	TG9	LotW	TDDX	By VE7BV as TG9BBV and VE7VZ as TG9/VE7VZ; 20-12m, possibly 6m; wires; QSL also OK via VE7BV (Buro or direct) and eQSL
2017 Apr24	2017 May01	St Kitts & Nevis	V4	W1CDC Direct	TDDX	By W1CDC as V4/W1CDC; 160-10m; mainly CW
2017 Apr24	2017 May05	Greenland	OX	LotW	DXW.Net	By 5P1KZX as OX/5P1KZX fm Nuuk; 80-10m; digital; QSL also OK via Club Log
2017 Apr24	2017 May07	Maldives	8Q7EJ	LotW	TDDX	By G3VDB fm Vilamendhoo I (IOTA AS-013); 20m, perhaps 30 17m; mainly CW, perhaps SSB + digital; holiday style operation; QSL also OK via G3VDB (Buro or direct) or Club Log
2017 Apr25	2017 May06	Botswana	A25UK	M0OXO	DXW.Net	By G0VJG + team; 160-6m; CW SSB RTTY; up to five stations
2017 Apr27	2017 May03	Dodecanese	SV9	OH1VR CBA	OH1VR	By OH1VR as SV9/OH1VR; 80-10m; wire
2017 Apr28	2017 May13	South Cook Is	E51		TDDX	By W6HB as E51AND, KG7MXL as E51JD, KI7DLK as E51BQ fm Rarotonga I (IOTA OC-013); 160-10m; SSB
2017 Apr29	2017 May05	Bhutan	A52IVU	JA3IVU	TDDX	By JA3IVU; HF; SSB RTTY PSK31 JT65; QSL OK via Buro or direct
2017 Apr29	2017 May06	Cayman Is	ZF2AB	WA3EOP	DXNews	By KZ3AB fm IOTA NA-016; HF
2017 Apr29	2017 May12	Vietnam	3W9FU	LotW	DXNews	By RM0F; HF; Steppir, Buddipole; QSL also OK via RM0F and Club Log
2017 Apr30	2017 May05	Ogasawara	JD1BMH	JD1BMH Buro	DXNews	By JG7PSJ fm Chichijima I (IOTA AS-031); 160-10m; CW SSB RTTY; QSL also OK via Chichijima I (IOTA AS-031); 160-10m; CW SSB RTTY; QSL also OK via JG7PSJ direct
2017 Apr30	2017 May12	South Cook Is	E5	Home Call	DXW.Net	By AD7MM as E51BAS and W6HB as E51DLD fm Rarotonga I; 160-10m; yagis, wires



Start	End	DXCC	Call	QSL via	Reported by	Information
2017 May01	2017 May05	Austral Is	FO		425DXN	By JI1JKW as FO/JI1JKW fm Rurutu I (IOTA OC-050); 40-6m; SSB CW
2017 May01	2017 May08	Lord Howe I	VK9L	DL1YAF	DXW.Net	By DL1YAF as DL1YAF/VK9 fm IOTA OC-004 (QF98ml); 80-10m; SSB CW; vertical, dipoles; holiday style operation
2017 May01	2017 May10	Vietnam	3W9DQ	LotW	DXW.Net	By DF7DQ fm Phan Thiet; 40-15m; CW SSB RTTY; holiday style operation; QSL also OK via DF7DQ
2017 May01	2017 May15	St Martin	FS	K9EL	TDDX	By K9EL as FS/K9EL; 160-6m; 500w; verticals, dipoles, yagi on 6m
2017 May02	2017 May10	Seychelles	S79J	LZ1PJ	TDDX	By LZ1PJ fm Mahe I (IOTA AF-024); HF + 6m; CW; QSL OK via Buro or direct and possibly LotW
2017 May04	2017 May16	Morocco	CN2SB	OE9SBC	TDDX	By OE9SBC fm Marrakesh; 20-10m; CW; 100w; longwire
2017 May04	2017 May18	Qatar	A7	MW0BRO Direct	DXNews	By MW0BRO as A7/MW0BRO; 40-10m; CW; QSL: Martin Lewis, 3 St Patricks Hill, Llanreath, Pembroke Dock, SA72 6XQ, Wales, UK; eQSL also OK
2017 May04	2017 May23	Kosovo	Z68BG	HB9TSW	TDDX	By HB9TSW fm Slatina Air Base; 40-10m; mainly CW; 100w; ground plane, dipole; not valid for DXCC
2017 May05	2017 May11	Jersey	MJ	LotW	TDDX	By PA1AW as MJ/PA1AW, PA3EWP PA9JO PB5X likewise; 160-10m; QSL also OK via PA1AW and Club Log
2017 May05	2017 May14	Belize	V31OK	LotW	TDDX	By VO1OK fm Belize City and Caye Caulker (IOTA NA-073); 5w; end-fed and vertical; QSL also OK via VO1OK direct
2017 May05	2017 May15	Fernando de Noronha	PY0NY	LotW	DXNews	By PY4NY; 160-10m focus on 160 80m; CW SSB + digital; delta loop and other wires; QSL also OK via PY4NY direct and eQSL
2017 May06	2017 May07	Market Reef	OJ0W	OH3WS	TDDX	By OH3WS; 20-6m, perhaps 60m (circa 5354 Khz); CW, perhaps SSB; QSL OK via Buro or direct
2017 May09	2017 May16	Philippines	DU9	SP5APW	DXW.Net	By SP5APW as DU9/SP5APW fm Siargao I (IOTA OC-235); 40, 20-10m; wire vertical + Hexbeam; 1kw
2017 May09	2017 Jun02	Cape Verde Is	D44TWO	M00XO	DXW.Net	By DF2WO fm Praia, Santiago I (IOTA AF-005); 40-10m; CW (slow) SSB + digital; holiday style operation
2017 May10	2017 May15	Bermuda	VP9	EB7DX	TDDX	By CX4CR as VP9/CX4CR and CX3AN as VP9/CX3AN; focus on 12m, if open; holiday style operation
2017 May10	2017 Jun08	Guyana	8R1	KC0W Direct	DXW.Net	By KC0W as 8R1/KC0W; 40-6m; CW; 100w; focus on JA; work once per band; Non-US include US\$2 w/ QSL request, US w/ SASE
2017 May11	2017 May23	North Cook Is	E51LYC	VE3LYC	DXNews	By VE3LYC fm Pukapuka Atoll (IOTA OC-098); 40-10m; CW SSB; verticals, wires
2017 May12	2017 May19	Palau	T88MZ	LotW	TDDX	By JH0CKF; HF; mainly SSB; yagi + inverted V; QSL also OK via JH0CKF (Buro or direct), Club Log, eQSL
2017 May13	2017 May27	Honduras	HR9	LotW	TDDX	By AD8J as AD8J/HR9; fm Dunbar Rock (IOTA NA-057); 160-15m; mainly CW, some SSB; 100w; dipole over water; focus on JA at SR/SS; QSL also OK via AD8J direct (w/ SASE)
2017 May15	2017 May19	Lakshadweep Is	VU7KP	Club Log	TDDX	By W4VKU and VU2PAI fm Bangaram I; 40-10m; CW SSB RTTY; 2 stations; amps; beach verticals; holiday style operation

Start	End	DXCC	Call	QSL via	Reported by	Information
2017 May15	2017 May24	Malta	9H3SQ	LotW	DXW.Net	By SQ3RX fm Gozo I (IOTA EU-023); 40-10m; CW SSB RTTY; inverted V, vertical wires; QSL also OK via SQ3RX (Buro or direct) and Club Log
2017 May15	2017 May29	Galapagos	HC8	LotW	DXW.Net	By LW9EOC as HC8/LW9EOC fm Isabela I (IOTA SA-004); 160-6m, focus on WARC bands; CW SSB RTTY; QSL also OK via LW9EOC direct
2017 May15	2017 Jul15	Minami Torishima	JD1	JA8CJY	DXNews	By JG8NQJ as JG8NQJ/JD1 fm IOTA OC-073 (QL64xg); 80-6m; CW RTTY; begin and end dates approximate
2017 May16	2017 May30	Palestine	E44WE	SP9FIH	SP9FIH	By SP9FIH fm KM71oq; 17 10 6m; 100w; QSL also OK via Club Log
2017 May18	2017 May21	Ceuta & Mellila	ED9T	EA4PN	DXNews	By EA4PN EA3NN EA3HSJ EA4GMX EA5UF EA5IHK EA4JJ EA3CV EA8ZT EA2CW for the King of Spain CW Contest; will be EG9TOR before contest; HF; mainly CW
2017 May19	2017 May23	Sint Maarten	PJ7	LotW	PH2M	By PH2M as PJ7/PH2M; 40-10m; SSB WSPR; 100w (200mw WSPR); end fed wires; QSL also OK via PH2M (Buro or direct)
2017 May19	2017 May29	Eritrea	E31A	JH1AJT	JA1NRH	By JH1AJT DJ9ZB E21EIC RA9USU; mainly 160-10m; CW SSB RTTY; will also use E39DI fm Dahlak I (IOTA AF-038) for a few days
2017 May20	2017 May21	Luxembourg	LX44FF	PH0NO	PH0NO	By PD77YY PG8M PH0NO fm various nature reserves; 80-10m; CW SSB; QSL also OK via Club Log
2017 May22	2017 Jun07	Guadeloupe	FG	DL2AAZ	TDDX	By DL2AAZ as FG/DL2AAZ fm Saint Rose (FK96di); 30-10m; SSB CW; 300w; ground planes; QSL OK via DARC Buro or direct (w/ US\$2 + SAE)
2017 May24	2017 May28	Saba & St Eustatius	PJ6	LotW	PH2M	By PH2M as PJ6/PH2M fm Saba I; 40-10m; SSB WSPR; 100w (200mw WSPR); end fed wires; QSL also OK via PH2M(Buro or direct)
<b>CQ WW WPX Contest, CW (May 27-28, 2017) Check here for per contest activity too.</b>						
2017 May29	2017 Jun04	Saba & St Eustatius	PJ5	LotW	PH2M	By PH2M as PJ5/PH2M fm St Eustatius I; 40-10m; SSB WSPR; 100w (200mw WSPR); end fed wires; QSL also OK via PH2M (Buro or direct)

*"Our city's vast and complex communications system, is indebted to the many trained amateur radio volunteers, who are efficient and dependable and lend a much needed hand in times of crisis or disaster. They are an invaluable part of our city's communication network..."*

The difference between involvement and commitment is like ham and eggs. The chicken is involved; the pig is committed.

Martina Navratilova

*A world without radio is a deaf world.*

*A world without television is a blind world.*

*A world without telephone is a dumb world.*

*"A world without communication is indeed a crippled world."*

# BRARA EXTRA CLASS TRAINING



9:00am – 5:00pm Sat/Sun  
29/30 Apr and 6/7 May 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  
11 May 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      KO4XL@yahoo.com or
- Gerry Gawaldo    561-706-8338      KG4FUR@yahoo.com

## Ohio State Convention (2017 Dayton Hamvention)

Start Date: 05/19/2017  
End Date: 05/21/2017  
Location: Greene County Fair & Exposition Center  
120 Fairground Road  
Xenia, OH 45385  
Website: <http://www.hamvention.org>  
Sponsor: Dayton Amateur Radio Association  
Type: ARRL Convention  
Talk-In: 146.94 (PL 123)  
Public Contact: Ron Cramer , KD8ENJ  
PO Box 964 Dayton, OH 45401  
Phone: 937-603-9707  
Email: [chair@hamvention.org](mailto:chair@hamvention.org)

## Fort Pierce Hamfest

Start Date: 08/12/2017  
End Date: 08/12/2017  
Location: Indian River State College  
3209 Virginia Avenue  
Fort Pierce, FL 34945  
Website: <http://FPARC.org>  
Sponsor: Fort Pierce Amateur Radio Club  
Type: ARRL Hamfest  
Talk-In: 147.345 (PL 107.2)  
Public Contact: John Sweigart , KK4SHF  
4103 Smokey Pines Court Fort Pierce, FL 34951  
Phone: 772-905-3552  
Email: [johnsails@hotmail.com](mailto:johnsails@hotmail.com)

## Free Laurel VEC Testing



Tue 11-Apr-2017, 18:00-19:30,  
Broward Gen MC, 1600 S Andrews  
Ave, Ft Lauderdale [BARC] (2nd Tue  
of every month).

Sun 07-May-2017, 11:00-13:00, Fire  
Station 28, 1040 RPB Blvd, Royal  
Palm Beach [PWARC] (1st Sunday of  
odd months).

Thu 11-May-2017, 19:00-21:00,  
Rutherford Com Ctr, 2000 Yamato  
Rd, Boca Raton, FL 33498 [BRARA]  
(Quarterly: Feb, May, Aug, Nov)

## Welcome New Members:

KJ4POM	Michael Duke
KM4GOI	Sam Wilfond
KE0MDJ	Jennifer Weinbrum
	John Martins
KJ4VCT	Melanie Fernandez
N2HT	John Durante

## For more on BRARA:

[www.n4brf.org](http://www.n4brf.org)

Join us on Twitter [BRARA@N4BRF](https://twitter.com/BRARA_N4BRF)  
and on Instagram [#BRARA\\_N4BRF](https://www.instagram.com/BRARA_N4BRF) as  
well as on Facebook.



## 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).

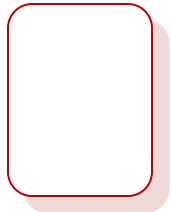
### the Radio Flyer's Purpose

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

