



the Radio Flyer, *a BRARA Newsletter*

February 2018

Official Website: www.BRARA.org

BRARA Calendar:

Fri 02-Feb-2018 Groundhog Day

09:00-13:00 Sat 03-Feb-18

Ham Shack Work & Open House

20:00-21:00 Sun 04-Feb-18 (443.300)

DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 05-Feb-18 (145.29 [110.9])

Monday Night Nets

19:00-21:00 Tue 06-Feb-18

Club Meeting @ West Boca Library

09:00-12:00 Wed 07-Feb-18

Ham Shack Work & Open House

Fri/Sat/Sun 09/10/11-Feb-18

Orlando HamCation

09:00-13:00 Sat 10-Feb-18

Ham Shack Work & Open House

20:00-21:00 Sun 11-Feb-18 (443.300)

DMR-FL-LO Tech Net [TS2 TG2]

Mon 12-Feb-2018 Lincoln's B 'Day

19:00 Mon 12-Feb-18 (145.29 [110.9])

Monday Night Nets

Wed 14-Feb-2018 Valentine's Day

Wed 14-Feb-2018 Ash Wednesday

09:00-12:00 Wed 14-Feb-18

Ham Shack Work & Open House

Fri 16-Feb-18 Chinese New Years Eve

09:00-12:00 Sat 17-Feb-18

Ham Shack Work & Open House

20:00-21:00 Sun 18-Feb-18 (443.300)

DMR-FL-LO Tech Net [TS2 TG2]

Mon 19-Feb-2018 Presidents' Day

Mon 19-Feb-2018 Washington's B'day

19:00 Mon 19-Feb-18 (145.29 [110.9])

Monday Night Nets

09:00-12:00 Wed 21-Feb-18

Ham Shack Work & Open House

09:00-12:00 Sat 24-Feb-18

Ham Shack Work & Open House

Noon Sun 25-Feb-18

Deadline for Newsletter Submissions

20:00-21:00 Sun 25-Feb-18 (443.300)

DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 26-Feb-18 (145.29 [110.9])

Monday Night Nets

09:00-12:00 Wed 28-Feb-18

Ham Shack Work & Open House



This Month's Speaker

This month's speaker is Richard Ladisky, WB1J, who will be featuring underwater photographs from 5 shipwrecks he's explored throughout the world. Richard began scuba diving over 35 years ago and eventually decided to join love of diving with his passion for photography and adventure travel. His work and adventures have appeared in many periodicals, the latest being Scuba Diving Magazine, Parade Magazine, Sun-Sentinel and the Hartford Courant Travel Section.

[See Speaker Bio on Page 7]



Ham Shack News

We meet every Wednesday and Saturday morning between 09:00 and 13:00 for our Open House, and any work that needs to be done at the Shack.

We now have internet connectivity at the Shack, but because of the limited bandwidth, connections are restricted to only the Shack computers for logging and spotting programs. Plans are underway for an outside antenna, which should increase our internet speed.

As always, ideas for innovation and improvement are welcomed!

2017 Tax Donation Letters

Tax Donation letters will be emailed for all the 2017 donations. Please turn in your receipts to take advantage of this.

QSL Report ⁿ⁴ⁱⁱ

As we closed out last month, N4BRF has logged 3,156 QSLs/9,757 QSOs (32.4%) on LoTW.

DXCC Account Status: New this month: Somalia (60). We now have 270 Current DXCC Entities confirmed.
Awards received: Mixed, CW, Phone (20m, 17m, 15m and 10m).

WAS Account Status: New this month: FL; LA; MA; NC; NH; NV; VA; WI (+8).
Awards issued: Mixed, 20m, CW, Phone, Digital, Triple Play.

We still need:

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

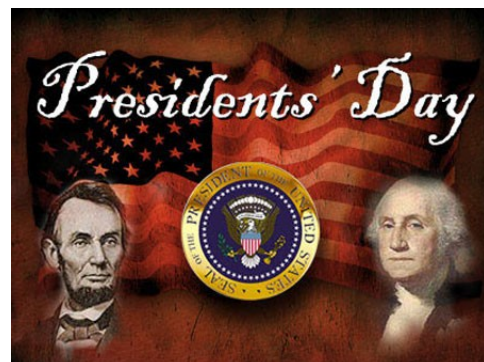
We have received the following QSOs from prior Field Day activities:

- 176 (+0) QSLs from 2012
- 186 (+0) QSOs from 2013
- 263 (+1) QSOs from 2014
- 286 (+0) QSOs from 2015
- 166 (+1) QSOs from 2016
- 252 (+6) QSOs from 2017

VUCC Account Status:

New this month: EL99 (+1).

Latest update at the next Club Meeting.



Secretive “Numbers Stations”

Secretive “Numbers Stations” Persist on HF For many years, unidentified radio broadcasts have been transmitting coded messages, using numbers, such as “6-7-9-2-6. 5-6-9-9-0.” Even today, tuning across the HF spectrum typically will yield a “numbers station,” a mechanical-sounding voice (male or female) methodically announcing groups of single-digit numbers for minutes on end. According to Radio World, you may have tuned into a spy agency’s numbers station transmitting coded instructions to their minions worldwide. Shades of “The Americans” TV spy drama, where characters routinely receive coded messages via radio. Numbers station transmissions typically consist of a voice “reading out strings of seemingly random numbers,” explained Lewis Bush, author of *Shadows of the State*, a new history of numbers stations. “These are sometimes accompanied by music, tones or other sound effects,” he said. Paul Beaumont, an associate editor of *Eye Spy Intelligence Magazine*, a publication dedicated to espionage and intelligence, is quoted in the *Radio World* article as saying, “Voice (numbers) stations are known to be spy messages.”

The article said that one of the best-known numbers stations was “The Lincolnshire Poacher,” so called due to its use of “The Lincolnshire Poacher” folk song played on a pipe organ as an identifier. Radio amateurs used direction-finding equipment to pin down the station’s eventual location to an RAF base on Cyprus, the article said.

Be There or Be Square

Looking for a Grid Square location? Let your smart phone do the work! These are just two of the available apps—you can find more on Google Play Store or the Apple App Store.

Android:

“HamGPS” is a free app which displays your current Maidenhead locator with 10 digit precision. It also computes bearing and distance to a set of target locations using locator or latitude / longitude. Useful to align antennas in VHF / UHF / microwave DX activities. No network or fancy maps usage, so it can be used even in remote locations.

Apple iOS:

“Ham Square” is also a free app that displays the Maidenhead Locator, or “square”, for your current location. This grid system is used by radio amateurs worldwide as a convenient and short way of representing and communicating a location.



“Da Prez Sez”

Is it February already??

Our first events and activities of the year already having taken place and there’s a full schedule for this month as well.

Our first venture into Winter Field Day was a success by all accounts. Everyone who participated said they enjoyed themselves, and we even managed a decent score for what was certainly a casual effort. Thanks and kudos to Jerry W4BFL for the technical set-up, John N3AM and Jim N3JT for their high speed CW skills, John N1QFH for taking the late night shift on 80m, to Pablo KK4YGGZ for our first successful satellite operation (we will do that again!), to John KD4IDW for his famous chili, to Dennis KA2TGO for his excellent photography, and to Jeff W4AEQ, Art WA8VSJ and Gerry KG4FUR for pulling everything together. If you missed WFD, you missed a fun event! We hope to see you in June for regular Field Day and for next year’s winter event as well!

We will be holding our first Technician class of the year this coming weekend, February 3rd and 4th at the station. We’re focusing this year’s training efforts on those who are newer to the hobby, putting the emphasis on Technician and General classes. We will also have our quarterly testing session on Thursday evening, February 8th, at Patch Reef Park. More information can be found elsewhere in the Radio Flyer. You can also contact me for training information or Jerry W4BFL for testing information.

The Orlando HamCation is coming up on February 9-11, and a number of us are planning to attend. This is the largest hamfest in Florida and one of the largest in the U.S., second only to Dayton. For those who are thinking of going and do not wish to make the 3 hour drive themselves, John N1QFH has rented a van and may still have an open seat or two, so check with him for details.

There are several major on-air contests taking place in February. You should find more information on these elsewhere in the Radio Flyer and on our website.

[Continued on Page 6.]

Monday Night Nets

BRARA runs two significant Monday Night Nets on the 145.290 MHz (-0.600) [110.9] repeater:

⇒ BRARA Voice Communications Net: 19:00-20:00. Out-of-Area Amateurs may check-in via EchoLink. Our Node is 826953.

⇒ South County NBEMS Net: 20:00-20:30. Mixed-Mode Analog Voice and using FLDigi/FLMsg.

NBEMS

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

Scheduled Nets

Mon	20:00 South County NBEMS 145.290 (-0.600) [110.9]
Tue	19:30 PBC NBEMS 147.285 (+0.600) [103.5]

Other Local Analog Repeater Nets

Daily	18:00 SEFL Traffic 146.61 MHz
Tue	19:30 Gtr Boca/Delray CERT 443.1 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
Wed	2100	TG-03 (NA) NA Tech
Sat	1200	TG-01 (WW)

Local DMR Repeaters

Location	Rx Freq	Color Code
Miami	444.9875	1 SEFL
Miami	442.2250	1 dmr-fl
Dania Bch	442.4000	1 dmr.mar
Plantation	442.4250	1 dmr.mar
Ft Laud.	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
PB Gardens	442.1000	10 dmr.fl
Stuart	440.7000	1 dmr.mar
Pt St Lucie-1	440.0000	1 dmr.mar
Pt St Lucie-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), 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	

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:

K4BH (Jeff S.), KE4OBV (Patrick),
KO4XL (Bruce), N1QFH (John C.)
WA2VNV (George), W4AEQ (Jeff R.),
W4BFL (Jerry).

We hold scheduled monthly Board meetings at 11:00am at the Shack on the Saturday preceding the next General Meeting.

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) with your Call Sign.

Membership Application & Renewal Form

- \$35 Full Membership
- \$10 Associate Membership
- \$5 Each Licensed Family Member

Name: _____

Call Sign: _____

Address: _____

Phone: _____

Email: _____

ARRL Member: Yes No

Birthday: Month: _____ Day: _____

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 & Experimentin Satellite

Other: _____

Signature: _____

Return with dues to BRARA by either:

USPS Mail to:

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

Or in person to a director at a Shack Open House on Wednesday or Saturday mornings.

Amateur License Refresher

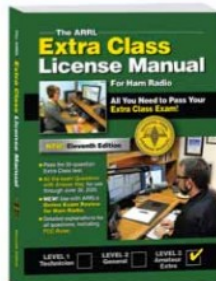
It's probably been awhile since you took your Amateur License exam. Here are a few sample questions just to keep those synapses firing.

Extra Pool

E1B01

Which of the following constitutes a spurious emission?

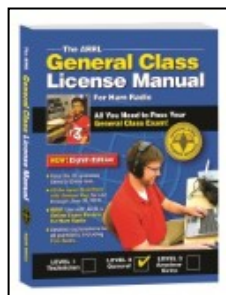
- A. An amateur station transmission made at random without the proper call sign identification
- B. A signal transmitted to prevent its detection by any station other than the intended recipient
- C. Any transmitted signal that unintentionally interferes with another licensed radio station
- D. An emission outside its necessary bandwidth that can be reduced or eliminated without affecting the information transmitted



E1B02

Which of the following factors might cause the physical location of an amateur station apparatus or antenna structure to be restricted?

- A. The location is near an area of political conflict
- B. The location is of geographical or horticultural importance
- C. The location is in an ITU Zone designated for coordination with one or more foreign governments
- D. The location is of environmental importance or significant in American history, architecture, or culture



General Pool

G1B01

What is the maximum height above ground to which an antenna structure may be erected without requiring notification to the FAA and registration with the FCC, provided it is not at or near a public use airport?

- A. 50 feet
- B. 100 feet
- C. 200 feet
- D. 300 feet

G1B02

With which of the following conditions must beacon stations comply?

- A. A beacon station may not use automatic control
- B. The frequency must be coordinated with the National Beacon

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.

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.



New Hams Corner *WA2NSW*

Grounding

So many hams forget to ground their equipment. When you live in the lightning capital of the US it just makes good sense to have a GREAT ground. Before I get too far off track there are a few types of grounds but we will focus on two, Earth ground and RF ground.

Good electrical practices tell us to have short, heavy duty ground connections. If you have ever taken a lightning hit you understand why! A lot of voltage very fast needs a place to go and do the least amount of damage to your equipment. There are two schools of thought on what should be used: Wide solid copper bands or wide braided wire. For flexibility the braid wins all the time. I like to make a hole close to the end, solder all around the hole and place it over the ground post on your equipment. The key is to make sure you have a good mechanical and electrical connection.

Some people will swear by one of the following two methods: Tie all of the pieces of equipment to a central point individually or tie each piece to the next piece and then to a central point. For Electrical grounding I prefer the tie each piece to a central point method but if you have RF problems then tie equipment in a daisy chain fashion might help with the RF issue. I will go off script and say tie them all to the central point at the end of the feed from the antenna. This gives you the shortest path to ground and might allow your equipment to be spared.

There are other devices on the market that protect your antenna line and these should always be tied directly to ground wherever possible. They work on a surge principle where a giant surge of voltage is shunted to ground. If you take a direct hit, replace the surge protector! I have a standard operating procedure of removing antennae that are not being used and tie them DIRECTLY to ground. In a shack with multiple antennas it is much easier to have one plate with several jacks mounted on it and tie the plate directly to ground.

Since most new hams don't have towers I will skip tower grounding. HOWEVER if you have a vertical Mounted on your house there quite often is a spot to make a direct connection to ground. USE IT! Remember that lightning will take the direct path to ground most of the time.





Ham Humor

Ham Humor: Man Climbs Tower, Won't Come Down Until Family Leaves

By WBØRUR, on the scene

PETALUMA, Calif. - In a surprising move, a local man has taken his family feud to new heights - literally. Sunday, Ronnie Hawkins scaled his 75 foot amateur radio signal tower and vows he'll stay there until his "get down into my business, never good enough for their daughter" in-laws and "no-good, no-job having, drink all my beer" brother leave his house.

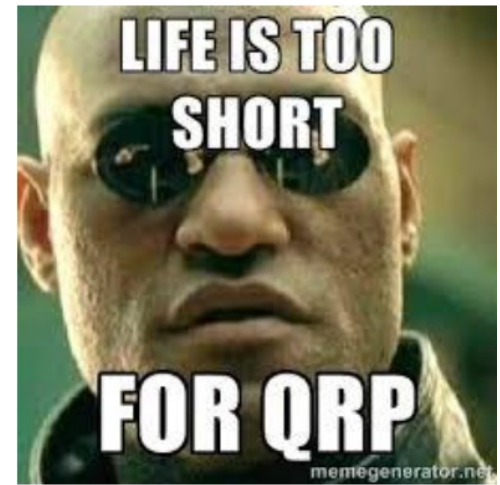
"I had to put some distance between me and them," says Hawkins. "I thought they were just coming for a Thanksgiving meal. Then I found out they planned to stay until next Tuesday."

Hawkins, a former production manager for Brach's Candies, retired to Petaluma's south side in 1986. He's been a ham radio operator since 1988.

The feud erupted late Sunday afternoon as the family was planning the traditional Thanksgiving meals for the week. A debate over corn bread dressing versus traditional dressing and fried turkey versus oven-baked sparked the fireworks.

"It became apparent that they were here for the long-haul," says a surprised Hawkins. "I just didn't plan on it. When they leave, I'll come back down to terra firma. Until then, I'm pulling my meals up with a rope tied to this basket."

"It went downhill quickly," says visiting mother-in-law Mildred Hayes of Manhattan, Kansas. "He seemed a little prickly at lunch, but later in the day he came totally unwound."



The brother, Donnie Hawkins of Rio Rancho, New Mexico, sees the glass as half full.



Back in the day, for a pluggers to be involved in "social media," he first had to pass the ham radio license exam.

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
+ CWops Mini-CWT Test	1300Z-1400Z, Jan 31 and 1900Z-2000Z, Jan 31 and 0300Z-0400Z, Feb 1
+ NRAU 10m Activity Contest	1800Z-1900Z, Feb 1 (CW) and 1900Z-2000Z, Feb 1 (SSB) and 2000Z-2100Z, Feb 1 (FM) and 2100Z-2200Z, Feb 1 (Dig)
+ NCCC RTTY Sprint	0145Z-0215Z, Feb 2
+ QRP Fox Hunt	0200Z-0330Z, Feb 2
+ NCCC Sprint	0230Z-0300Z, Feb 2
+ YLRL YL-OM Contest	1400Z, Feb 2 to 0200Z, Feb 4
+ Vermont QSO Party	0000Z, Feb 3 to 2400Z, Feb 4
+ 10-10 Int. Winter Contest, SSB	0001Z, Feb 3 to 2359Z, Feb 4
+ Black Sea Cup International	1200Z, Feb 3 to 1159Z, Feb 4
+ F9AA Cup, CW	1200Z, Feb 3 to 1200Z, Feb 4
+ Mexico RTTY International Contest	1200Z, Feb 3 to 2359Z, Feb 4
+ FYBO Winter QRP Sprint	1400Z-2400Z, Feb 3
+ Minnesota QSO Party	1400Z-2400Z, Feb 3
+ British Columbia QSO Party	1600Z, Feb 3 to 0400Z, Feb 4 and 1600Z-2400Z, Feb 4
+ AGCW Straight Key Party	1600Z-1900Z, Feb 3
+ FISTS Winter Slow Speed Sprint	1700Z-2100Z, Feb 3
+ North American Sprint, CW	0000Z-0400Z, Feb 4
+ RSGB 80m Club Championship, SSB	2000Z-2130Z, Feb 5
+ ARS Spartan Sprint	0200Z-0400Z, Feb 6
+ QRP Fox Hunt	0200Z-0330Z, Feb 7
+ Phone Fray	0230Z-0300Z, Feb 7
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 7 and 1900Z-2000Z, Feb 7 and 0300Z-0400Z, Feb 8
+ UKEICC 80m Contest	2000Z-2100Z, Feb 7
+ NCCC RTTY Sprint	0145Z-0215Z, Feb 9
+ QRP Fox Hunt	0200Z-0330Z, Feb 9
+ NCCC Sprint	0230Z-0300Z, Feb 9
+ CQ WW RTTY WPX Contest	0000Z, Feb 10 to 2359Z, Feb 11
+ SARL Field Day Contest	1000Z, Feb 10 to 1000Z, Feb 11
+ Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 10
+ Dutch PACC Contest	1200Z, Feb 10 to 1200Z, Feb 11
+ KCJ Topband Contest	1200Z, Feb 10 to 1200Z, Feb 11
+ SKCC Weekend Sprintathon	1200Z, Feb 10 to 2400Z, Feb 11
+ OMISS QSO Party	1500Z, Feb 10 to 1500Z, Feb 11
+ FISTS Winter Unlimited Sprint	1700Z-2100Z, Feb 10
+ RSGB 1st 1.8 MHz Contest	1900Z-2300Z, Feb 10
+ Balkan HF Contest	1200Z-1800Z, Feb 11

“Da Prez Sez” (cont’d.)

One more thought for this month: Recently, you may have seen our club’s response to some of the proposed changes at the ARRL. The good news is that enough individuals and organizations like ours voiced their concern, with the result that all of the objected-to policies and practices were defeated and withdrawn. Of course, issues such as these are never permanently settled. We will need to remain vigilant, look to the League to follow through on its stated willingness to become more open and democratic, and be willing to raise our voices again if the organization appears to be moving counter to our needs and wishes.

This brings us to our own club: Are we doing all we can to be the best local radio club that we can be? Is BRARA doing everything possible to serve the needs and wishes of our members? A large part of the responsibility for this goes to our officers and directors, but we need the support of all our members. We have many fine examples of individuals who contribute their time and skill to BRARA, but there is always room for more. If you have a particular concern or interest that you do not see being addressed, are you willing to help make it happen? The board and I are always eager to hear your thoughts and ideas.

By the way, did you know that BRARA directors’ meetings are open to all club members? I would encourage you to sit in on a board meeting occasionally to share your ideas and get the inside scoop on what’s going on.

Well, that’s about it for this month. As always, I look forward to seeing everyone at our meeting and at the shack.

73, Bruce KO4XL

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

Clinton Herbert [AB7RG]

Contest and Special Event	Date Time Group
+ 4 States QRP Group Second Sunday Sprint	0100Z-0300Z, Feb 12
+ CQC Winter QSO Party	0100Z-0259Z, Feb 12
+ ARRL School Club Roundup	1300Z, Feb 12 to 2359Z, Feb 16
+ PODXS 070 Club Valentine Sprint	0000Z-2359Z, Feb 14
+ NAQCC CW Sprint	0130Z-0330Z, Feb 14
+ QRP Fox Hunt	0200Z-0330Z, Feb 14
+ Phone Fray	0230Z-0300Z, Feb 14
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 14 and 1900Z-2000Z, Feb 14 and 0300Z-0400Z, Feb 15
+ RSGB 80m Club Championship, Data	2000Z-2130Z, Feb 14
+ NCCC RTTY Sprint	0145Z-0215Z, Feb 16
+ QRP Fox Hunt	0200Z-0330Z, Feb 16
+ NCCC Sprint	0230Z-0300Z, Feb 16
+ ARRL Inter. DX Contest, CW	0000Z, Feb 17 to 2400Z, Feb 18
+ SARL Youth Day Sprint	0800Z-1000Z, Feb 17
+ Russian PSK WW Contest	1200Z, Feb 17 to 1159Z, Feb 18
+ Feld Hell Sprint	1900Z-2059Z, Feb 17
+ AWA Amplitude Modulation QSO Party	2300Z, Feb 17 to 2300Z, Feb 18
+ Classic Exchange, Phone	1300Z, Feb 18 to 0800Z, Feb 19 and 1300Z, Feb 20 to 0800Z, Feb 21
+ Run for the Bacon QRP Contest	0200Z-0400Z, Feb 19
+ QRP Fox Hunt	0200Z-0330Z, Feb 21
+ Phone Fray	0230Z-0300Z, Feb 21
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 21 and 1900Z-2000Z, Feb 21 and 0300Z-0400Z, Feb 22
+ AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 21
+ RSGB 80m Club Championship, CW	2000Z-2130Z, Feb 22
+ NCCC RTTY Sprint	0145Z-0215Z, Feb 23
+ QRP Fox Hunt	0200Z-0330Z, Feb 23
+ NCCC Sprint	0230Z-0300Z, Feb 23
+ CQ 160-Meter Contest, SSB	2200Z, Feb 23 to 2200Z, Feb 25
+ REF Contest, SSB	0600Z, Feb 24 to 1800Z, Feb 25
+ UBA DX Contest, CW	1300Z, Feb 24 to 1300Z, Feb 25
+ South Carolina QSO Party	1500Z, Feb 24 to 0159Z, Feb 25
+ North American QSO Party, RTTY	1800Z, Feb 24 to 0559Z, Feb 25
+ High Speed Club CW Contest	0900Z-1100Z, Feb 25 and 1500Z-1700Z, Feb 25
+ SARL Digital Contest	1300Z-1600Z, Feb 25
+ North Carolina QSO Party	1500Z, Feb 25 to 0059Z, Feb 26
+ SKCC Sprint	0000Z-0200Z, Feb 28
+ QRP Fox Hunt	0200Z-0330Z, Feb 28
+ Phone Fray	0230Z-0300Z, Feb 28
+ CWops Mini-CWT Test	1300Z-1400Z, Feb 28 and 1900Z-2000Z, Feb 28 and 0300Z-0400Z, Mar 1
+ UKEICC 80m Contest	2000Z-2100Z, Feb 28

Speaker Bio:

Richard Ladisky began scuba diving over 35 years ago and eventually decided to join love of diving with his passion for photography and adventure travel. His specialty has become the most dangerous, the most unusual and the discovery of new or newly discovered species.

He is retired from public education and supervision after 35 years, and Director of Homeland Security in CT after 34 years.

For ten years he has done underwater photojournalism for a company in California that has sent him around the world to photograph the wonders below.

In his "spare" time Rich has used his amateur radio license to communicate with a cosmonaut on Mir and the astronauts on both the Space Shuttle and International Space Station. He has confirmed contacts with people in every country and entity on earth.

Rich has done shows for numerous clubs, civic groups and foundations, the Florida Dive Show, and for ten years has presented his adventures at Beneath the Sea in N.J., the largest diving and photography convention in North America.

His work has shown in galleries and he recently had a two-month one-man show, as well as a one-month showing at two Community Centers.

Two of his images have just been part of a yearlong exhibit at the NOVA Southeastern University Oceanographic Center in Florida.

He has recently joined the ranks of many scientists, explorers and astronauts by presenting his work for the "On the Shoulders of Giants" series at Talcott Mountain Science Center in CT. A second show followed.

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
2018 Jan24	2018 Feb19	Guatemala	TG9	VE7BV	VE7BV	By VE7BV as TG9/VE7BV; 40 20 17 15 12m; holiday style operation; perhaps some HR5 activity fm Copan Ruinas
2018 Jan25	2018 Mar14	Bouvet I	<u>3Y0Z</u>	N200	<u>DXW.Net</u>	By EY8MM HA5AO JR4OZR K0IR K4UEE K9CT LA6VM N4GRN N6HC N9TK NM1Y PA5M SM5AQD VA7DX VE7CT W0GJ W6IZT W8HC WB9Z; 160-10m; tentative dates
2018 Jan27	2018 Feb01	Fernando de Noronha	PY0	PY2NDX	<u>DXW.Net</u>	By PY2NDX as PY0F/PY2NDX; HF
2018 Jan28	2018 Feb05	Mozambique	C9	Club Log	<u>DXW.Net</u>	By PA5X as C8X and PG5M as C81G fm Ibo I (IOTA AF-061); 80-10m, incl 60m; CW SSB FT8; 1kw; 5 band Hexbeam, verticals
2018 Jan28	2018 Feb10	Comoros	<u>D68I</u>	IK5CRH	<u>425DXN</u>	By IK5BCM IK5CBE IK5CRH; 80-10m fm IOTA AF-007; CW SSB + digital
2018 Jan29	2018 Feb12	St Kitts & Nevis	<u>V47UR</u>	LotW	<u>TDDX</u>	By W3UR fm Calypso Bay (FK87pg); 160-6m; CW SSB FT8; spare time operation; QSL also OK via NR6M OQRS and Club Log
2018 Jan29	2018 Mar15	Guadeloupe	FG	F6ITD	<u>TDDX</u>	By F6ITD as FG/F6ITD fm la Desirade (IOTA NA-102, LH GUA005, FFF1000); 160-6m; SSB CW + digital; 500w
2018 Feb01	2018 Feb05	Palau	T88XS	JL3WXS	<u>DXNews</u>	By JL3WXS; HF
2018 Feb01	2018 Feb07	Papua New Guinea	<u>P29VXG</u>	LotW	<u>DXNews</u>	By JA1XGI fm Rabual, New Britain I (IOTA OC-008, QI65dp); 160-30m; CW; focus on 160m for EU and NA; QSL also OK via
2018 Feb01	2018 Feb15	Panama	HP8	LotW	AA1M	By W1USN as HP8/W1USN and AA1M as HP8/AA1M; HF; CW SSB + digital; QSL also OK via home_call (Buro or direct)
2018 Feb01	2018 Feb28	Senegal	6W	ON4AVT	<u>TDDX</u>	By ON4AVT as 6W/ON4AVT; 20m; PSK SSB; 100w; Buddipole; holiday style operation; QSL also OK via Club Log
2018 Feb02	2018 Feb05	Ogasawara	JD1BNA	JL1UTS Direct	<u>DXNews</u>	By JD1BNA fm Hahajima I (IOTA AS-031); focus on 160-10m; QSL: Nick Seki, 4-731-6 Sakuragi, Omiya-Ku, Saitama-C, Saitama, 330-0854, Japan
2018 Feb08	2018 Feb12	Belize	V31VP	WB0TEV	<u>DXW.Net</u> 20171229	By WB0TEV; 80-10m; mainly SSB RTTY; QRV for CQ WW WPX RTTY contest w/ KK7JS; QSL OK via Buro or direct, also Club Log
2018 Feb08	2018 Feb14	Belize	V31JZ/p	NN7A	NN7A	By NN7A fm South Water Caye (IOTA NA-180); 160-10m; mainly CW; QSL OK via ARRL Buro or direct, also via Club Log
2018 Feb09	2018 Feb12	Isle of Man	MT0IXD	M0OXO	GM0OBX	By GM0OBX MM0OKG MM0VPY fm Scarlett Point; CW SSB; QRV for CQ WPX RTTY Contest

Start	End	DXCC	Call	QSL via	Reported by	Information
2018 Feb09	2018 Feb16	Gambia	C5DX	LotW	G4DJX	By G4DJX M6LPJ M6POG M6MXD M6SQQ; HF; CW SSB; 400w; multiband dipole; QSL also OK via G4DJX direct and Club Log
2018 Feb10	2018 Feb24	Bonaire	PJ4	LotW	NE9U	By NE9U as PJ4/NE9U; QSL also OK via NE9U (direct w/ SASE or Buro)
2018 Feb13	2018 Feb20	Morocco	CN2	LotW	DL7DF	By DK1BT DL4WK DL7DF DL7UFR as CN2DF and CN2FR fm Tahazout; 160-10m; CW SSB RTTY PSK31; QSL also OK via DL7DF (DARC Buro or direct)
2018 Feb13	2018 Feb21	Palau	T8	Home Call	AA4NC	By AA4NC AA4VK as TBA; World War II Commemorative DXpedition
2018 Feb13	2018 Feb27	Antigua	VP26PE	LotW	DXNews	By VA3ZC fm Jolly Harbour (IOTA NA-100); 40-20m; FT8 JT65 SSB; QSL also OK via VA3ZC
2018 Feb13	2018 Mar16	St Kitts & Nevis	V47JA	LotW	W5JON	By W5JON fm Calypso Bay, St Kitts; 160-6m, incl 60m; SSB; yagi on 6m, verticals, dipole; QSL also OK via W5JON direct
ARRL International DX Contest, CW (Feb 17-18, 2018)						
2018 Feb17	2018 Feb27	New Caledonia	FK	LotW	DXNews	By JG1XMV as FK/JG1XMV fm Grand Terre I (IOTA OC-032) and other islands; 40-15m; SSB; QSL also OK via JG1XMV direct; end date not specified
2018 Feb18	2018 Feb28	Martinique	FM	LotW	TDDX	By OH2IS as FM/OH2IS; focus on low bands; CW SSB, perhaps FT8; 1kw; vertical, dipoles; QSL also OK via OH2IS direct and Club Log
2018 Feb20	2018 Feb28	Benin	TY1TT	LotW	ON6DX	By ON6DX fm Grand Popo; 160-6m, mainly 160-30m; CW SSB RTTY; QSL also OK via ON6DX (Buro or direct) and Club Log
2018 Feb21	2018 Feb28	Mariana Is	KH0	Home Call	AA4NC	By AA4NC as KH0/AA4NC and AA4VK as KH0/AA4VK fm Saipan; World War II Commemorative DXpedition
2018 Feb23	2018 Mar16	Rotuma	3D2EU	DK2AMM	PA3EWP	By 3D2AG DJ9RR DK2AMM DL6JGN PA3EWP; 160-10m; CW SSB + digital
2018 Feb24	2018 Feb27	Solomon Is	H44YM	EA5GL	EA5GL	By VA7YM fm Honiara, Guadalcanal (IOTA OC-047)
2018 Feb26	2018 Mar06	Nicaragua	H7DX	WY1G	TDDX	By WB2REM WY1G fm EK71au; SSB CW FT8; QSL also OK via Club Log
2018 Feb26	2018 Mar06	Vietnam	XV9HL	HL1AHS	DXW.Net	By HL1AHS HL1LUA fm Ho Chi Minh City; 160-10m; CW SSB + digital; 1kw; G3TXQ Hexbeam, OCF dipole
2018 Feb27	2018 Mar13	Temotu	H40YM	EA5GL	EA5GL	By VA7YM fm Lata, Nendo I (IOTA OC-100)

BRARA TECH CLASS TRAINING



9:00am – 5:00pm Sat/Sun

3/4 Feb 2018



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

8 Feb 2018

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— Orlando HamCation

Start Date: 02/09/2018

End Date: 02/11/2018

Location: Central Florida Fairgrounds
4603 West Colonial Drive
Orlando, FL 32801

Website: <http://www.hamcation.com>

Sponsor: Orlando Amateur Radio Club

Type: ARRL Convention

Talk-In: 146.76 (no PL tone during hamfest)

Public Contact: John Knott , N4JTK
PO Box 574962 Orlando, FL 32857

Phone: 407-841-0874

Email: info@hamcation.com

Southern Florida Section Convention—Stuart Hamfest

Start Date: 03/17/2018

End Date: 03/17/2018

Location: Martin County Fairgrounds
2616 SE Dixie Highway (A1A)
Stuart, FL 34994

Website: <http://www.stuarthamfest.com>

Sponsor: Martin County Amateur Radio Association

Type: ARRL Convention

Talk-In: 147.06

Public Contact: Doug Shields , W4DAS
PO Box 1901 Stuart, FL 34995

Phone: 772-349-7820

Email: w4das@comcast.net

Free Laurel VEC Testing



Thu 8-Feb-2018, 19:00-21:00,
Rutherford Community Center,
Patch Reef Park, 2000 Yamato Rd,
Boca Raton, FL 33498 [BRARA]
(Quarterly: Feb, May, Aug, Nov).

Tue 13-Feb-2018, 18:00-19:30,
Broward Gen MC, 1600 S Andrews
Ave, Ft Lauderdale [BARC] (2nd Tue
of every month).

Sun 4-Mar-2018, 11:00-13:00, Fire
Station 28, 1040 RPB Blvd, Royal
Palm Beach [PWARC] (1st Sunday of
odd months).

For more on BRARA:

Website: www.brara.org

Twitter: BRARA@N4BRF

Instagram: #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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Welcome New Members:

Abraham Gittler	K2YHM
Eric Spero	WA1SXX
John Martins	KN4FEO
Jonathan Blincoe	KJ4HBW
Scott Steel	KB4AD
Mike Dorough	KB7TMV
John Holzapfel	KE4IDW
Robert Schulman	KN4HKU
Stanley Denver	KD3HL
Thomas Read	

Ham Shack Key Rules

To obtain a key to the BRARA Ham Shack you must be a member in good standing for a minimum of one continuous year, hold a valid FCC Amateur Radio License, and complete a short training session with one of the Club officers.

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 issue 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

