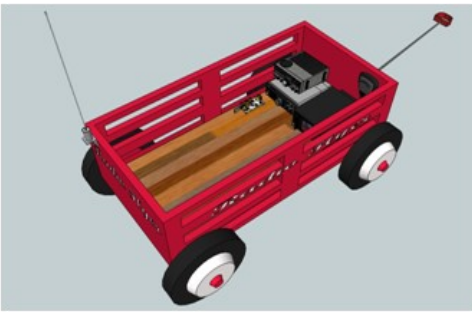


the Radio Flyer, a BRARA Newsletter

April 2017



BRARA Calendar:

01-Apr-17 April Fools Day

09:00-13:00 Sat 01-Apr-17
Ham Shack Work & Radio Day

20:00-21:00 Sun 02-Apr-17 (443.300)
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 03-Apr-17 (145.29 [110.9])
Monday Night Nets

19:00-21:00 Tue 04-Apr-17
Club Meeting @ West Boca Library

09:00-12:00 Wed 05-Apr 17
Ham Shack Work & Radio Day

09:00-13:00 Sat 08-Apr-17-16
Ham Shack Work & Radio Day

20:00-21:00 Sun 09-Apr-17 (443.300)
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 10-Apr-17 (145.29 [110.9])
Monday Night Nets

Tue 11-Apr-17 Passover begins at
Sunown

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

Thu 13-Apr-17 Holy Thursday

Fri 14-Apr-17 Good Friday

09:00-12:00 Sat 15-Apr-17-16
Ham Shack Work & Radio Day

Sun 15-Apr-17 Easter Sunday

20:00-2100 Sun 16 Apr-17 (443.300)
DMR-FL-LO Tech Net [TS2 TG2]

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

Tue 18-Apr-17 Tax Day

09:00-12:00 Wed 19-Apr-17
Ham Shack Work & Radio Day

09:00-12:00 Sat 22-Apr-17
Ham Shack Work & Radio Day

20:00-2100 Sun 16 Apr-17 (443.300)
DMR-FL-LO Tech Net [TS2 TG2]

19:00 Mon 24-Apr-17 (145.29 [110.9])
Monday Night Nets

09:00-12:00 Wed 26-Apr-17
Ham Shack Work & Radio Day

09:00-13:00 Sat 29-Apr-17
Ham Shack Work & Radio Day

12:00 Noon Sun 30-Apr-17
Deadline for Newsletter Input

20:00-21:00 Sun 30-Apr-17 (443.300)
DMR-FL-LO Tech Net [TS2 TG2]



This Month's Speaker

This month, (4-Apr), Rich (WB1J) will present another of his unique underwater adventures: Banda Sea and Raja Ampat, off the west coast of New Guinea. See page 7 for Bio/Synopsis

Next month (2-May), someone will present something.

Possible future speakers include:

- Ryan Krenzischek (W4NTR): Army MARS
- Ed Callaway (N4II): on subjects TBA.



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.

Page 1

QSL Report ⁿ⁴ⁱⁱ

As we closed out the Month, N4BRF has logged in 2,754 QSLs 8,542 QSOs (32.2%) on LoTW.

DXCC Account Status: New *Nothing new this month.. 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 . 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
- 153 (+0) QSOs from 2016

VUCC Account Status: Nothing new this month.

Update at the next Club Meeting.



WWV Outage Page

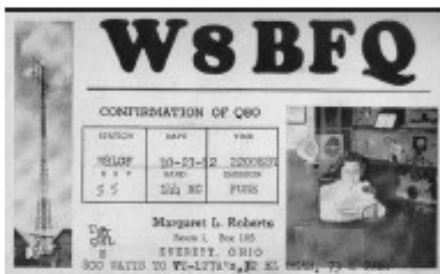
Some things you take for granted, like WWV being there when you just need a reliable signal to receive. It can be unnerving when the signal is NOT available. Is it me, or WWV? You can check on the WWV/WWVH outage page, which shows all outages since January 1, 2000 lasting longer than five minutes.

<https://www.nist.gov/pml/time-and-frequency-division/time-services/wwv-broadcast-outages>

QSL CARDS FROM THE PAST

The legacy of "Old Time" ham radio operators can be found in the QSL Cards they left behind. The website is dedicated to those old time radio operators. W8JYZ has a collection of old (US and Canadian) ham radio QSL cards dating from the early 1920s. A complete list of old QSL cards now totaling 49 THOUSAND can be accessed by clicking on the master file links on the page. Over 22 hundred online Scans of old QSL cards are also available by clicking on the required scan link.

<http://www.oldqslcards.com/>



Ameritron AL-80 Amps

Did you know the original AL-80 amps were based on the Drake L-75 design? And the first were manufactured in Twinsburg, OH by Ameritron?

These workhorses use the popular 3-500Z final and are a fixture in many modern ham shacks. However, they got off to a rough start until some design issues were solved. Check out W8JI's history of the amp.

http://www.w8ji.com/Ameritron_al80_history.htm



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

Why are there so many Techs *KB6NU*

In no particular order:

□ It's pretty easy to get a Tech license, so a lot of people get them just for the challenge, but really never intend to use the license.

- Some people get a Tech license, but then find out that amateur radio isn't what they thought it was going to be.
- Some people get a Tech license, then can't find an Elmer to help them. They lose interest and give up on ham radio.
- Some people get a Tech license, buy an HT, and think that's all there is to amateur radio. They quickly lose interest in amateur radio, because talking on the repeaters just isn't all that interesting.
- Some people get licenses to participate in local emergency communications or CERT organizations. There's no need for them to get anything more than a Tech license.
- Since it's so easy to get a Tech license, even those that aren't technically inclined get them. Getting a General Class license requires a fair amount of study, and because they don't see the benefits of putting in that kind of work, they just don't bother.

I posted this question to my blog and got several interesting replies. Perhaps the most cogent was by Kenneth, W6KWF who said: "The only thing General/Extra gets you is HF, which is becoming an increasingly small fraction of the possibilities of the amateur hobby. Amateurs could easily spend their whole lives moving from FM repeaters to microwave to VHF packet to EME to CERT/event support, etc, etc, without having any interest to explore what few facets of the hobby need HF privileges."

I think this is a great point. When incentive licensing was put into place in the late 1960s, HF was where the action was. Nowadays, more of the "cool stuff" is happening on VHF, UHF and microwaves. Getting additional HF privileges is not really a big deal anymore for many hams.

Yet another new license class?

Right on the heels of this discussion, the ARRL posted a news item, "ARRL Seeks Opinions Concerning Possible New Entry Level License" (<http://www.arrl.org/news/arrl-seeks-opinions-concerning-possible-new-entry-level-license>).

www.arrl.org/news/arrl-seeks-opinions-concerning-possible-new-entry-level-license). According to this report, the ARRL Board of Directors set up an Entry Level License Committee in September 2016.

The committee is gathering member input via an online member survey (<http://www.arrl.org/license-1>) and will make recommendations to the Board for possible rules changes to submit to the FCC. They note, "The result could mean changes to the Technician license, but it could also be an additional, but simpler, license with privileges that would give a newcomer a taste of most facets of ham radio from HF to VHF and UHF. The survey will be online until April 7, 2017.

According to the survey page, the committee is trying to address several issues, including:

- □ The declining population of new hams under the age of 30.
- □ A decline in the number of new licensees who actually get on the air.
- □ Amateur Radio's lack of appeal for those under the age of 30, compared to other technical hobbies.
- □ The increasing challenge of engaging and retaining Technician licensees.
- A reluctance in much of the amateur community to embrace newer technologies of interest to the younger segment of the population.

Personally, I don't think that coming up with a new entry-level license class with privileges that are even more limited than the Technician Class is a bad idea, but whether or not it's successful will depend completely on the implementation. Unless the new class of license is accompanied by some kind of program that will help these new licensees really become engaged with amateur radio, then we're just creating another class of inactive licensees. I don't know exactly what this program would consist of, but without it, this effort is doomed to failure.

And, who's going to develop and run this program? The only organization that has the horsepower to make this work is the ARRL. They are going to have to step up big time. Most clubs don't have the people or resources to do it properly. If you have any thoughts on this, I urge you to contact your ARRL division director (<http://www.arrl.org/divisions>).

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 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) NAtch
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

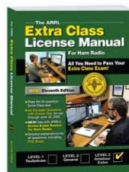
It's probably been awhile since you took your Amateur License exam. Here are a few sample questions just to keep those synapses firing.

Extra Pool

E5C06

What does the impedance 50-j25 represent?

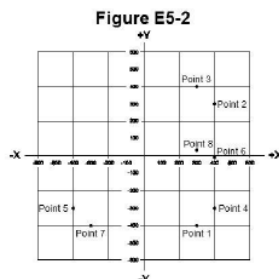
- A. 50 ohms resistance in series with 25 ohms inductive reactance
- B. 50 ohms resistance in series with 25 ohms capacitive reactance
- C. 25 ohms resistance in series with 50 ohms inductive reactance
- D. 25 ohms resistance in series with 50 ohms capacitive reactance



E5B12

Which point on Figure E5-2 best represents the impedance of a series circuit consisting of a 300 ohm resistor, a 0.64 microhenry inductor and an 85 picofarad capacitor at 24.900 MHz?

- A. Point 1
- B. Point 3
- C. Point 5
- D. Point 8

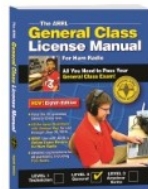


General Pool

G8A09

What control is typically adjusted for proper ALC setting on an amateur single sideband transceiver?

- A. The RF clipping level
- B. Transmit audio or microphone gain
- C. Antenna inductance or capacitance
- D. Attenuator level



G8A12

What signal(s) would be found at the output of a properly adjusted balanced modulator?

- A. Both upper and lower sidebands
- B. Either upper or lower sideband, but not both
- C. Both upper and lower sidebands and the carrier
- D. The modulating signal and the unmodulated carrier

Answers to License Refresher:

- E5C06 (B)
- E5B12 (D)
- G8A09 (B)
- G8A12 (A)

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*

This month's focus will be etiquette. Beside the rules there are some things that hams should refrain from talking about on the air. It is never nice to bash another person, much less a fellow ham. People can be stupid in person but when you do it on the air who knows who is listening. NEVER good!

I try never to mention another hams address on air. There are so many ways to look us up that there is NO reason to give addresses for thieves to hear where to find all of that cool radio gear! Go to the FCC database or QRZ.com to look up another ham. It also proves they have a license. Many years back there were a group of pirates who drove cabs and used 2 meters for dispatching. After a group of us looked up all of the calls and names we figured out what was happening. We recorded the chatter, found out where they were operating and turned it all over to the FCC. REMEMBER the rules, no monetary gain!

I have listened to a few nets where a very disturbing habit has been noticed. I have no idea where it originated but there is no need to key a mic and stop talking to see if someone else is talking. One of two things will happen, you will win because you have captured the repeater or you both will lose. In either case more air time is wasted. Give your Call only when checking into a net unless more information is asked for by the net control. Wait until recognized and asked to transmit. Then provide additional information that is requested.

Example:

Anyone short of time or mobile...

WA2NTW

Net Control recognizes WA2NTW, Dolph
Any other check ins?

Kilo Echo Four Oscar Bravo Victor

Kilo Gulf Four Foxtrot Uniform Gulf

Net Control recognizes KE4OBV Patrick
and KG4FUR Gerry.

In lieu of just plain call sign some people like to give their call phonically to eliminate confusion. This is helpful if you are not known, or have a similar call to someone else. Another reason is if you are in a weak area for clear communication. For brevity I always prefer the shortest amount of air time. Listen to a fast moving net sometime...you can hear the differences. This will help for when all-hell-breaks-loose and time becomes a commodity that will be scarce!

When asked to use a tactical call sign use just that call sign for the back and forth. End by using your call sign. This keeps everything legal and eliminates a lot of wasted airtime!

When in doubt about doing something... think, would an experienced ham do this? If the answer is no, DON'T DO IT!



Ham Humor

New HF Amp Will Shock Ham Radio

By WBØRUR, on the scene

WELLSBURG, Missouri – In a jaw-dropping announcement at the Consumer Electronics Convention (CEC) in Las Lunas, New Mexico, the Peanut Whistle Transmitter Company – makers of the famous Peanut Whistle 250 transmitter – announced a companion line of HF amplifiers to please even the most discerning amateur radio operator.

The new “Skeeter” line of high frequency amplifiers are optimized around the “desktop kilowatt” concept perfected by famous amplifier designer Tom “My Finals Are on Fire” Watson, a long time Montana ham now a silent key (hence the nickname).

“The CEC is the perfect place to pull the curtain back on this new line of amplifiers,” says Director of Marketing Erastus Pflemming

“Surrounded by these innovative thinkers and the cutting-edge equipment; let’s just say we really stand out from the crowd. You are going to want to swat this Skeeter right onto your operating desk!” he says.

Features of the “Skeeter” include:

- Variable vacuum tube circuitry
- No tune operation
- Tremendous cosmetic and ergonomic designs

The “Skeeter” introduces a high pitched whine - like a swarm of mosquitoes - into your audio signal, which “alerts your presence to domestic and foreign (DX) stations alike.”

“When you fire up your station,” exclaims Pflemming, “your buddies will know you are using a Skeeter amplifier from Peanut Whistle! I guarantee it!”

Sold by the output power at \$.015 per watt in 75, 150, 250 and 1000 watt models, Skeeter amplifiers promise “MORE HOLLER FOR THE DOLLAR” and will be available at fine ham radio stores everywhere, according to promotional materials.

HamHijinks.com



Rumor Control KDSMQ

There’s been lots of rumors flying about Hamvention and many got taken in on this one. The info circulating last week implied that the infield of the track would need to be cleared out each evening of people and merchandise. This was false.

However, overnight camping in the flea market has been officially against the rules (at least in the last several years). This year, it will be enforced. There will be no overnight camping in the flea market area. So, while merchandise can stay set up, people are not welcome to stay overnight



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

Johnny Carson

Radio Handbook Gets Back To The Basics

By K5KVN, on the scene

NEWINGSTEAD, VT – The National Radio Retransmission Legion (NRRL) will release next week an updated version of its popular “Ham Radio Operator’s Manual of Operating.” This edition will be a departure from its usually highly technical subject matter. Instead, the NRRL says the authors decided to “get back to the basics.”

“We need to stop being overly presumptuous about what the average amateur radio operator knows about using a radio,” said NRRL spokesman Johnson Longfellow.

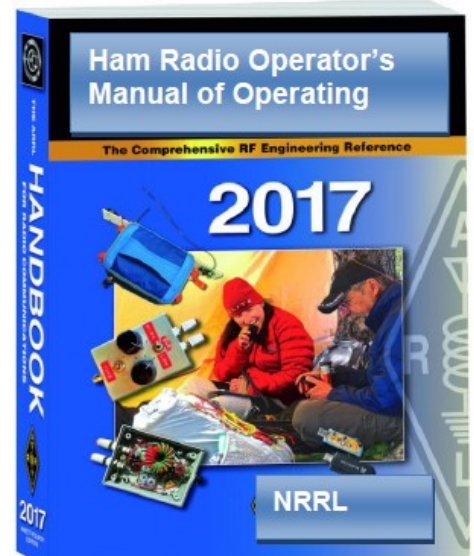
The operating manual begins with a simple “How To Get Started” list:

- 1) Obtain a radio
- 2) Connect a microphone to the radio*
- 3) Connect an antenna to the radio
- 4) Ensure the radio is connected to electricity
- 5) Find and activate the power or “on” button
- 6) Turn the big knob to make the numbers start changing**
- 7) Stop turning the big knob when you hear a signal**
- 8) Push the button that activates a transmission and begin to speak; release button when you want to hear their reply; repeat

* Applicable only if you want to actually talk with someone ** Not applicable if you are using a software-defined radio without knobs

“Yeah, there’s a lot more to it than that. We especially hope this helps new hams, who usually feel like they know everything after having memorized the answers of an exam,” said Longfellow.

HamHijinks.com



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
Meter SSTV Dash Contest	0000Z, Apr 1 to 2359Z, Apr 2
+ LZ Open 40m Sprint Contest	0400Z-0800Z, Apr 1
+ PODXS 070 Club PSK 31 Flavors Contest	1000Z, Apr 1 to 0400Z, Apr 2
+ Missouri QSO Party	1400Z, Apr 1 to 0400Z, Apr 2 and 1400Z-2000Z, Apr 2
+ Mississippi QSO Party	1400Z, Apr 1 to 0200Z, Apr 2
+ SP DX Contest	1500Z, Apr 1 to 1500Z, Apr 2
+ EA RTTY Contest	1600Z, Apr 1 to 1600Z, Apr 2
+ North American SSB Sprint Contest	0000Z-0400Z, Apr 2
+ RSGB RoLo SSB	1900Z-2030Z, Apr 2
+ RSGB 80m Club Championship, CW	1900Z-2030Z, Apr 3
+ ARS Spartan Sprint	0100Z-0300Z, Apr 4
+ Phone Fray	0230Z-0300Z, Apr 5
+ CWops Mini-CWT Test	1300Z-1400Z, Apr 5 and 1900Z-2000Z, Apr 5 and 0300Z-0400Z, Apr 6
+ UKEICC 80m Contest	2000Z-2100Z, Apr 5
+ NRAU 10m Activity Contest	1700Z-1800Z, Apr 6 (CW) and 1800Z-1900Z, Apr 6 (SSB) and 1900Z-2000Z, Apr 6 (FM) and 2000Z-2100Z, Apr 6 (Dig)
+ SARL 80m QSO Party	1700Z-2000Z, Apr 6
+ NCCC RTTY Sprint	0145Z-0215Z, Apr 7
+ NCCC Sprint	0230Z-0300Z, Apr 7
+ JIDX CW Contest	0700Z, Apr 8 to 1300Z, Apr 9
+ OK/OM DX Contest, SSB	1200Z, Apr 8 to 1200Z, Apr 9
+ QRP ARCI Spring QSO Party	1200Z, Apr 8 to 2359Z, Apr 9
+ SKCC Weekend Sprintathon	1200Z, Apr 8 to 2400Z, Apr 9
+ Texas State Parks on the Air	1400Z, Apr 8 to 0200Z, Apr 9 and 1400Z-2000Z, Apr 9
+ New Mexico QSO Party	1400Z, Apr 8 to 0200Z, Apr 9
+ Georgia QSO Party	1800Z, Apr 8 to 0359Z, Apr 9 and 1400Z-2359Z, Apr 9
+ Yuri Gagarin International DX Contest	2100Z, Apr 8 to 2100Z, Apr 9
+ International Vintage Contest HF	0700Z-1100Z, Apr 9 and 1300Z-1900Z, Apr 9
+ Hungarian Straight Key Contest	1500Z-1700Z, Apr 9
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Apr 10
+ NAQCC CW Sprint	0030Z-0230Z, Apr 12
+ Phone Fray	0230Z-0300Z, Apr 12
+ CWops Mini-CWT Test	1300Z-1400Z, Apr 12 and 1900Z-2000Z, Apr 12 and 0300Z-0400Z, Apr 13

Da Pres says:

Next Meeting:

**Tuesday
April 4, 2017
19:00-20:45
West Boca Library**

Minutes and Newsletter:

It is our goal to have both the Draft Minutes and Newsletter on the web at the start of the month. To be advised of this, you must subscribe to the BRARA mail-chimp. Addendums to the Minutes and Motions to Accept the Minutes will be entertained at the General Meetings They will not be read at the meetings.

Dry Tortugas DXpedition

CALLSIGN: N4T
OPERATORS: NE4LS and KE4IDW
SCHEDULE: APRIL 21 - 24, 2016. There is no fixed operating schedule so look for us on the DX spots.
QSL: VIA NE4LS - No LOTW, eQSL, or any other electronic QSLing; paper QSLs only via bureau or direct with SAE. Please include 2\$ for DX stations.
MODES: NE4LS will be operating CW @ 5W and KE4IDW will be operating SSB @ 20W.
 This operation will be very minimalist since we have to bring all our equipment, food and water on the ferry and we are limited to 65 lbs per person (not including the water). More information as we get closer.
IOTA: NA-079 IOTA website
ARLHS: USA-316
NPOTA: Dry Tortugas National Park NPS website
USi (U.S. Islands award): FL-013S
Grid Square: EN70qa
County: Monroe

Contest and Special Event	Date Time Group
+ RSGB club Championship, SSB	1900Z-2030Z, Apr 12
+ NCCC RTTY Sprint	0145Z-0215Z, Apr 14
+ NCCC Sprint	0230Z-0300Z, Apr 14
+ Holyland DX Contest	2100Z, Apr 14 to 2100Z, Apr 15
+ ES Open HF Championship	0500Z-0559Z, Apr 15 and 0600Z-0659Z, Apr 15 and 0700Z-0759Z, Apr 15 and 0800Z-0859Z, Apr 15
+ Worked All Provinces of China DX Contest	0600Z, Apr 15 to 0559Z, Apr 16
+ YU DX Contest	1200Z, Apr 15 to 1159Z, Apr 16
+ CQ Manchester Mineira DX Contest	1200Z, Apr 15 to 2359Z, Apr 16
+ Michigan QSO Party	1600Z, Apr 15 to 0400Z, Apr 16
+ EA-QRP CW Contest	1700Z-2000Z, Apr 15 (10-20m) and 2000Z-2300Z, Apr 15 (40-80m) and 0700Z-0900Z, Apr 16 (40m) and 0900Z-1200Z, Apr 16 (20-10m)
+ Ontario QSO Party	1800Z, Apr 15 to 0500Z, Apr 16 and 1200Z-1800Z, Apr 16
+ North Dakota QSO Party	1800Z, Apr 15 to 1800Z, Apr 16
+ Feld Hell Sprint	1800Z-2159Z, Apr 15
+ WAB 3.5/7/14 MHz Data Modes	1200Z-1400Z, Apr 16 (RTTY) and 1400Z-1600Z, Apr 16 (PSK) and 1800Z-2000Z, Apr 16 (RTTY) and 2000Z-2200Z, Apr 16 (PSK)
+ ARRL Rookie Roundup, SSB	1800Z-2359Z, Apr 16
+ Run for the Bacon QRP Contest	0100Z-0300Z, Apr 17
+ Low Power Spring Sprint	1400Z-2000Z, Apr 17
+ 144 MHz Spring Sprint	1900 local - 2300 local, Apr 17
+ Phone Fray	0230Z-0300Z, Apr 19
+ CWops Mini-CWT Test	1300Z-1400Z, Apr 19 and 1900Z-2000Z, Apr 19 and 0300Z-0400Z, Apr 20
+ NCCC RTTY Sprint	0145Z-0215Z, Apr 21
+ NCCC Sprint	0230Z-0300Z, Apr 21
+ QRP to the Field	0800-1800 local, Apr 22
+ UK/EI DX Contest, CW	1200Z, Apr 22 to 1200Z, Apr 23
+ SP DX RTTY Contest	1200Z, Apr 22 to 1200Z, Apr 23
+ Nebraska QSO Party	1300Z, Apr 22 to 0100Z, Apr 23 and 1300Z-2200Z, Apr 23
+ BARTG Sprint 75	1700Z-2059Z, Apr 23
+ 222 MHz Spring Sprint	1900 local - 2300 local, Apr 25
+ SKCC Sprint	0000Z-0200Z, Apr 26
+ Phone Fray	0230Z-0300Z, Apr 26
+ CWops Mini-CWT Test	1300Z-1400Z, Apr 26 and 1900Z-2000Z, Apr 26 and 0300Z-0400Z, Apr 27
+ UKEICC 80m Contest	2000Z-2100Z, Apr 26
+ RSGB 80m Club Championship, Data	1900Z-2030Z, Apr 27

Speaker Bio-Synopsis:

Bio sketch:

In addition to Rich's DXCC #1, 35 years in education, and 34 years as a Director of Homeland Security, he as Advanced Open Water certification and Mixed Gas certification for diving. He as been invited to present shows for 10 years at the largest diving/photography convention in North America and has had many gallery shows and exhibits. The latest 3-month exhibit was some of his images shown at Nova University Oceanographic Institute in Florida.

Topic:

I have been asked to do another of my underwater adventures for this month's club meeting, so I will take you to Raja Ampat. If you have never heard of it, it's in the Banda Sea. Where? Does that give you an idea of the remoteness of this expedition? It is a remote area off the east coast of New Guinea! Just to add to the excitement, I did it in a sailboat.

Please encourage your significant others to attend, as it is an extremely colorful presentation having nothing to do with radio. Because of its remoteness and the arduous trip to get there, this semi-explored area of the world is rich with unusual species. I can guarantee you have never seen some of these bizarre creatures before.

If time permits, and you pry it from me, I will explain why it was the most dangerous trip for me, including the medical evacuation near the end of it.

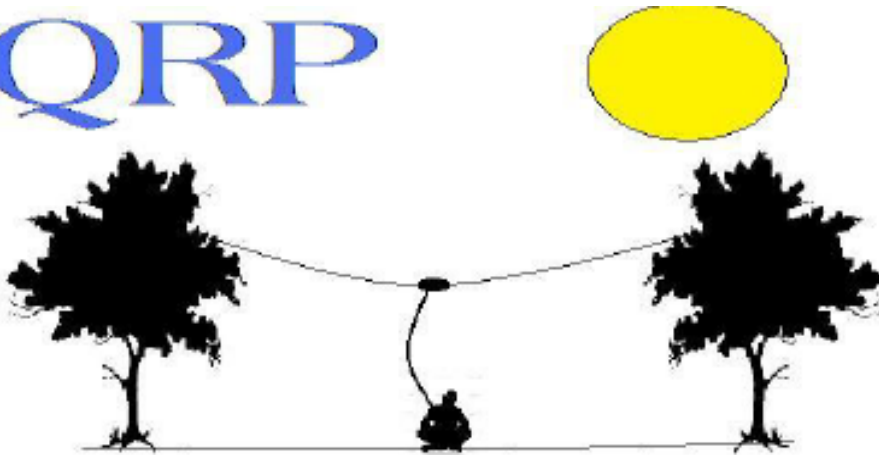
See you there.

Rich-WB1J



Contest and Special Event	Date Time Group
+ NCCC RTTY Sprint	0145Z-0215Z, Apr 28
+ NCCC Sprint	0230Z-0300Z, Apr 28
+ Feld Hell Sprint	0000Z-2359Z, Apr 29
+ 10-10 Int. Spring Contest, Digital	0001Z, Apr 29 to 2359Z, Apr 30
+ Helvetia Contest	1300Z, Apr 29 to 1259Z, Apr 30
+ Florida QSO Party	1600Z, Apr 29 to 0159Z, Apr 30 and 1200Z-2159Z, Apr 30

QRP



When you care to send the very least!

TALARC Monthly Nets

EchoLink, 20-Meter, and IRLP Nets meet the 2nd Saturday of each month.

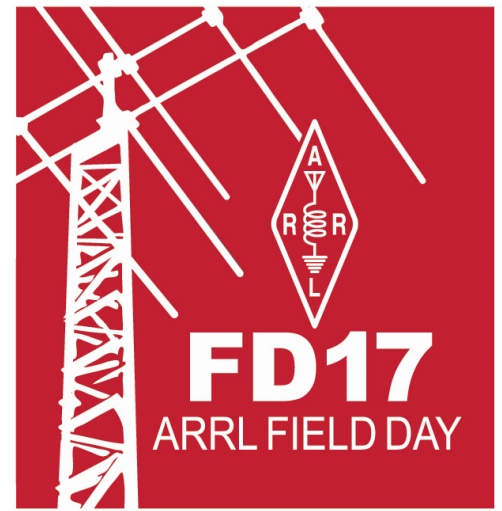
40-Meter Net meets the 3rd Sunday of each month.

D-Star Nets meet the 1st and 3rd Mondays of each month.

Note: Access to the *FMCA-ARC* EchoLink Conference Node cannot be made via a Repeater.

Mode	Day	Date	Time [Zulu]	Band	Where to find the Net
EchoLink	Saturday	June 11	12 Noon ET [1600Z]		*FMCA-ARC* Conference
HF	Saturday	June 11	1:00 PM ET [1700Z]	20 meters	14.275 MHz [+/- 5 KHz]
IRLP	Saturday	June 11	2:00 PM ET [1800Z]	2 meters	Node 9735 [K9DC-Indy]
HF	Sunday	June 19	6:00 PM ET [2200Z]	40 meters	7.243 MHz [+/- 5 KHz]
D-Star	Monday	June 20	9:00 PM ET [0100Z]		REF 026A
D-Star	Monday	July 4	9:00 PM ET [0100Z]		REF 026A

LIFE IS SIMPLE



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](#) and on Instagram [#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.

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 Mar14	2017 Apr04	Tuvalu	T2	LotW	<u>DXW.Net</u>	By SP5EAQ as T2AQ and SP7DQR as T2QR fm IOTA OC-015; 80-10m; CW SSB RTTY; dates and call signs tentative; QSL also OK via SP7DQR
2017 Mar14	2017 Apr12	Tanzania	5H3MB	LotW	<u>TDDX</u>	By IK2GZU fm Ilembula; 80-10m; SSB CW RTTY; spare time operation; QSL also OK via IK2GZU (Buro or direct), Club Log, eQSL
2017 Mar18	2017 Apr01	St Kitts & Nevis	V47JR	W2APF	<u>W2APF</u>	By W2APF fm Nevis I (IOTA NA-104); 80-10m; CW SSB; 100w; wires
2017 Mar19	2017 Apr01	St Kitts & Nevis	V47JR	W2APF	<u>W2APF</u>	By W2APF fm Nevis I; 80-6m; CW SSB; 100w; wires; holiday style operation
2017 Mar19	2017 Apr03	Micronesia	V633KS	LotW	<u>TDDX</u>	By JA6REX fm Chuuk I (IOTA OC-011); 160-10m; CW SSB RTTY; 1kw; CrankIR, vertical, dipole; QSL also OK via JA6REX Buro or Club Log
2017 Mar29	2017 Apr10	Guam	KH2BY	LotW	<u>DXW.Net</u>	By EA5BY; 80-6m, incl 60m; QSL also OK via EA5BY and Club Log
2017 Mar29	2017 Apr17	Guam	AH2P	LotW	<u>DXW.Net</u>	By EA4AK; QRV on most needed bands and modes; auto-QSL via Buro, QSL also OK via Club Log, eQSL
2017 Apr01	2017 Apr08	St Lucia	J68HZ	LotW	TDDX	By K9HZ fm Soufriere; 160-6m; CW SSB RTTY; 500w; yagi + wires; QSL also OK via K9HZ direct
2017 Apr01	2017 Apr30	Nepal	9N1MD	IZ1BVZ	DXW.Net	By 9N1AA
2017 Apr02	2017 Apr06	Easter I	CE0Y	W1MJ	DXW.Net	By W1MJ as CE0Y/W1MJ; 40-15m; CW
2017 Apr04	2017 Apr06	Marshall Is	V73		TDDX	By WW6RG as V73/WW6RG; SSB; 40 20m; perhaps 100w, if not 5w; fm 0330z
2017 Apr06	2017 Apr10	Greenland	OX	LotW	DXW.Net	By SM7RYR as OX/SM7RYR fm Kangerlussuaq; 20 17 15m; 10w; vertical
2017 Apr06	2017 Apr12	Papua New Guinea	P29VXG	JA1XGI	DXW.Net	By JA1XGI fm Rapopo, New Britain I (IOTA OC-008, QI65dp); 6.5 meter vertical w/ 19 radials; focus on EU
2017 Apr06	2017 Apr17	Vanuatu	YJ0YM	VA7YM	DXW.Net	By VA7YM fm Port Vila, Efate I (IOTA OC-035); 80-6m; SSB RTTY PSK31; Hex beam, end-fed wire
2017 Apr06	2017 Apr18	Seychelles	S79Z	LotW	OK1NY	By OK1RI OK1NY OK1FFU OK1JKT OK1VVT OM5AW fm Mahe I (IOTA AF-024); 160-10m; CW SSB; QSL also OK via OM2FY
2017 Apr07	2017 Apr15	Guinea Bissau	J5	EA3BT	DXW.Net	By EA3BT as J5B and EA3WL as J5W fm Rubane I (IOTA AF-020); 40-6m, perhaps 80m; CW SSB RTTY
2017 Apr07	2017 Apr16	St Martin	FS	eQSL	DXNews	By W7NZJ as FS/W7NZJ fm OrientBeach (IOTA NA-105); 40-10m; CW + digital; 100w; Buddipole
2017 Apr09	2017 Apr16	Balearic Is	EA6	F5SGI	TDDX	By F5SGI as EA6/F5SGI fm Minorca I; HF; CW; QSL OK via Buro or direct
2017 Apr11	2017 Apr13	East Kiribati	T32AZ	KH6QJ	TDDX	By KH6QJ fm Kiritimati I (IOTA OC-024; 80-10m (except WARC)
2017 Apr11	2017 Apr18	Turks & Caicos	VP5	K3NK	TDDX	By K3NK as VP5/K3NK fm Providenciales I (IOTA NA-002); 80-10m; CW SSB, perhaps digital; K3NK will upload log to LotW
2017 Apr12	2017 Apr18	Mauritania	5T3MM	PY4KL	DXNews	By 5T0JL; HF; QRV for CQ MM DX Contest
2017 Apr12	2017 Apr26	Laos	XW4XR	LotW	TDDX	By 3W3B; 160-10m; CW RTTY JT65; QSL also OK via E21EIC

Start	End	DXCC	Call	QSL via	Reported by	Information
2017 Apr14	2017 Apr16	Panama	H91IT	HP1RCP	HP1RIS	By HP1RIS HP1MAC fm Taboga I (IOTA NA-072); 40-10m; SSB CW; vertical, dipole, end-fed
2017 Apr14	2017 Apr21	Palau	T8	Home Call	DXW.Net	By JH7IPR as T88UW, JI6IHG as T88IH, JA7WFT as T88FT, JM1LRA as T88TA; 160-6m; CW SSB JT65 JT9; T88UW QSL also OK via LotW
2017 Apr14	2017 Apr23	St Vincent	J88PI	GW4DVB Direct	TDDX	By GW4DVB fm Prune I; 40-10m; SSB; 100w; vertical; holiday style operation
2017 Apr15	2017 Apr22	Isle of Man	GT4BRS	DJ6OI	GW0ANA	By GW0ANA MW0DHF DJ8NK DL9GFB DL9RCF; special effort on 160m and 60m for WCNA; CW SSB JT65
2017 Apr18	2017 Apr25	Cape Verde Is	D4T	LotW	DXNews	By CT1FFY fm Sal I (IOTA AF-086, HK86no); HF + 6 4m; CW SSB + digital; QSL also OK via CT1FFY
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 Apr22	2017 Apr26	Aland Is	OF0KA	OH3KAV	425DXN	By OH3KAV fm IOTA EU-002; perhaps including 60m; CW + digital
2017 Apr24	2017 May01	St Kitts & Nevis	V4	W1CDC Direct	TDDX	By W1CDC as V4/W1CDC; 160-10m; mainly CW
2017 Apr25	2017 May06	Botswana	A25UK	M0OXO	DXW.Net	By G0VJG + team; 160-6m; CW SSB RTTY; up to five stations
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 May06	Cayman Is	ZF2AB	WA3EOP	DXNews	By KZ3AB fm IOTA NA-016; HF
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

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

Clinton Herbert [AB7RG]

"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..."

Rudolph Giuliani

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."

Ernest Agyemang Yeboah

"When radio keeps silent, our ears shall never hear the real details!"

Ernest Agyemang Yeboah

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

Martina Navratilova

Flamingo Net / University of Miami ARC Free Flea

Start Date: 04/15/2017
End Date: 04/15/2017
Location: University of Miami
Physics Parking Lot
5101 San Amaro Drive
Coral Gables, FL 33114
Website: <http://FlamingoNet.8m.net>
Sponsor: Flamingo Net / University
of Miami ARC
Type: ARRL Hamfest
Talk-In: 147.15 (PL 94.8)
Public Contact: William Moore,
WA4TEJ
1451 N.E. 102 Street Miami Shores, FL
33138
Phone: 305-751-1874
Email: wa4tej@juno.com

Cy Harris Memorial Free Flea

Start Date: 04/22/2017
End Date: 04/22/2017
Location: Collins Center
3900 NE 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

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:

AAAnAA Name

For more on BRARA:

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.

EPARS Tailgate

Start Date: 05/13/2017
End Date: 05/13/2017
Location: Church Street Park
37746 Church Avenue
Dade City, FL 33523
Website: <http://eparsonline.org>
Sponsor: East Pasco Amateur Radio
Society
Type: ARRL Hamfest
Talk-In: 146.88
Public Contact: Chris Bloxsom,
AA4CB
34383 Arbor Street Ridge Manor, FL
33523
Phone: 727-484-8099
Email: aa4cb@yahoo.com

BRARA Ham Shack Key Rules ^{K4LEW}

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).

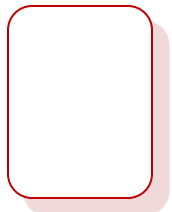
the Radio Flyer's Purpose

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

