



the Radio Flyer, *a BRARA Newsletter*

September 2016

BRARA Calendar:

- 09:00-12:00 Sat 03-Sep-16
Ham Shack Work & Radio Day
- Mon 05-Sep-16 Labor Day
No Nets Tonight
- 19:00-21:00 Tue 06-Sep-16
Club Meeting @ West Boca Library
- 09:00-12:00 Wed 07-Sep-16
Ham Shack Work & Radio Day
- 20:00 Wed 08-Sep-16 (442.875 [110.9])
Red Informativa en Español
- 09:00-12:00 Sat 10-Sep-16
Ham Shack Work & Radio Day
- Sun 11-Sep-16 Patriot Day
- 19:00 Mon 12-Sep-16 (145.29 [110.9])
Monday Night Nets
- 09:00-12:00 Wed 13-Sep-16
Ham Shack Work & Radio Day
- 20:00 Wed 13-Sep-16 (442.875 [110.9])
Red Informativa en Español
- Fri 16-Sep-16 National POW/MIA Day
- 09:00-12:00 Sat 17-Sep-16
Ham Shack Work & Radio Day
- 19:00 Mon 19-Sep-16 (145.29 [110.9])
Monday Night Nets
- 09:00-12:00 Wed 21-Sep-16
Ham Shack Work & Radio Day
- 20:00 Wed 21-Sep-16 (442.875 [110.9])
Red Informativa en Español
- Sun 22-Sep-16 Fall Equinox & World
Maritime Day
- 09:00-12:00 Sat 24-Sep-16
Ham Shack Work & Radio Day
- 12:00 Noon Sun 25-Sep-16
Soft Deadline for Newsletter
- 19:00 Mon 26-Sep-16 (145.29 [110.9])
Monday Night Nets
- 09:00-12:00 Wed 28-Sep-16
Ham Shack Work & Radio Day
- 20:00 Wed 28-Sep-16 (442.875 [110.9])
Red Informativa en Español
- 09:00-13:00 Sat 01-Oct-16
Ham Shack Work & Radio Day
- Mon 03-Oct-16 Rosh Hashanah
No Nets Tonight
- 19:00-21:00 Tue 04-Oct-16
Club Meeting @ West Boca Library



This Month's Speaker

This month, Jeff Cutcher (KB2LDT) will be giving a presentation on the DV4mini dongle and other SDR add-ons that work with DMR, DMR+, D-Star, Fusion, APC025 and other digital modes based on GMSK, 2FSK and 4FSK. Did I forget to mention Brandmeister.

Next month's speaker is still a work in progress.



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. Art and Lew are spearheading efforts.

Repeater 2m/70cm linking as well as the time stamp are still works in progress.

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

We have secured a limited internet connection at the shack for spotting -no streaming downloads. We are still working on an internet link from the Repeater.

QSL Report ⁿ⁴ⁱⁱ

As we closed out August, N4BRF had logged in 2,578 QSLs / 8,284 QSOs (31.1%) on LoTW.

DXCC Account Status: Nothing new this month.

Awards received: Mixed, CW, Phone, 17m, 15m and 10m. Also reached 258 Mixed and 212 CW DXCC

WAS Account Status: Nothing new this month. We still need:

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

We have received the following QSOs from Field Day activities:

- 176 (+0) QSLs from 2012,
- 182 (+2) QSOs from 2013
- 254 (+1) QSOs from 2014
- 277 (+8) QSOs from 2015
- 143 (+11) QSOs from 2016

VUCC Account Status: 6m FN33

Update at Tuesday's Club Meeting.



New Hamvention Site

Wondering what the new Hamvention site looks like? In this video, Michael Kalter [W8CI], Dayton Amateur Radio Association [DARA] treasurer, is interviewed by DX Engineering's Tim Duffy [K3LR] during an 11-Aug-16 visit to the Greene County Fairgrounds and Event Center in Xenia, OH—the new venue for the 2017 Dayton Hamvention.

The site boasts over 108 acres of space and onsite parking. Six hundred DARA volunteers promise the new site will continue the tradition of excellence we have come to enjoy and expect.

www.youtube.com/watch?v=FXX118GOQA0

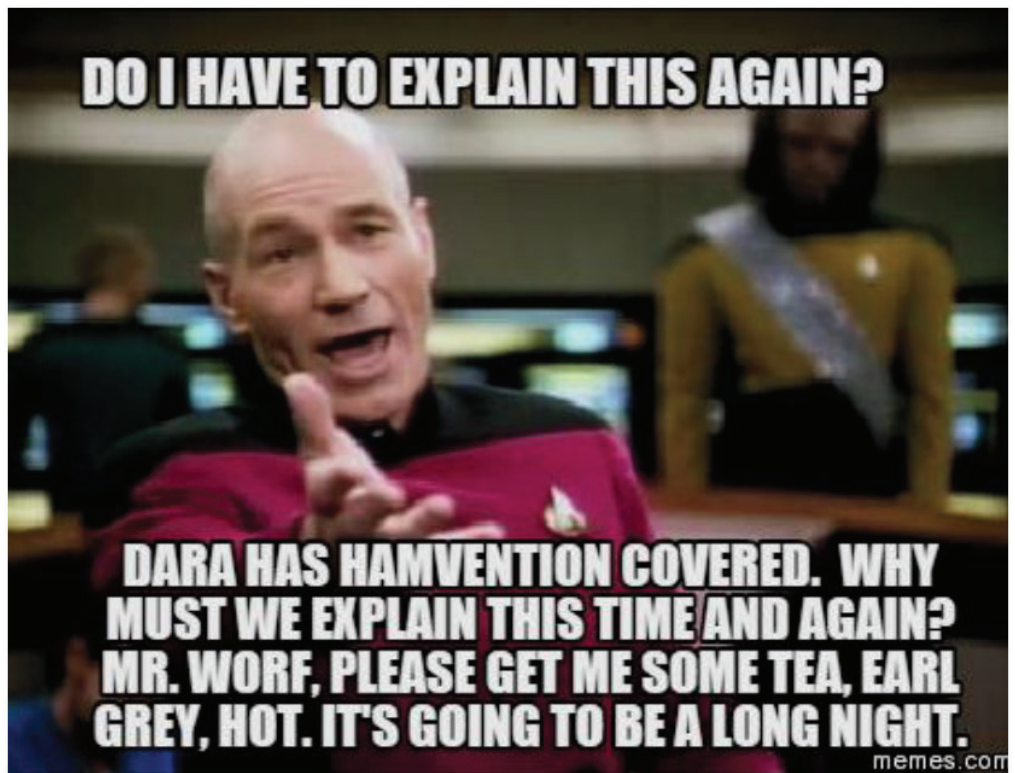
Hamvention Announces Venue for 2017

XENIA, OHIO - The Greene County Agricultural Society Board of Directors in partnership with the Greene County Board of Commissioners, the City of Xenia and the Greene County Convention & Visitors Bureau is pleased to announce the Greene County Fair & Exposition Center will be the new home of the Dayton Hamvention®.

Since 1952 Hamvention has been sponsored by Dayton Amateur Radio Association (DARA). For many years it has been the world's largest amateur radio gathering, attracting hams from throughout the globe. Over 25,000 amateur radio operators and their families will descend upon Greene County and the entire Miami Valley for three days of camaraderie, education and exhibits. In 2017, the Dayton Hamvention will be held May 19-21.

"We are so excited to be working with the Dayton Hamvention® to bring an event of this caliber to the Fairgrounds and Expo Center. The collaboration between the Dayton Amateur Radio Association, the Agricultural Society and the local governments has been inspiring. Spend time with this group of professionals and volunteers and their passion for running a first class event immediately becomes abundantly clear. I'm so proud of the way the entire community has come together and embraced this endeavor," said Alan Anderson, president of the Greene County Board of Commissioners.

The annual economic impact of the Dayton Hamvention® has been estimated at \$15 - \$17 million. Hotels, restaurants, gas stations, local merchants and the Greene County



Agricultural Society will all directly benefit from the event.

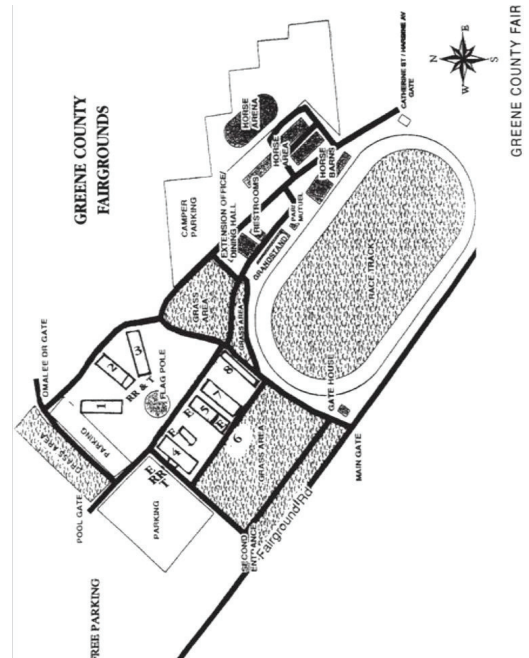
Ron Cramer, general chairman of the Dayton Hamvention®, had this to say about the event: "We appreciate and value all the time and effort of the many partners, in particular the Greene County Agricultural Society, the Greene County Board of Commissioners and the Greene County Convention & Visitors Bureau, have put into helping Hamvention find the right venue to continue our long history here in the Miami Valley. We look forward to a long and mutually prosperous relationship."

Michael Kalter, official spokesperson and CFO of Hamvention states that "this event attracts attendees from all 50 states and 60 countries worldwide each year with an estimated attendance of approximately 25,000."

"The Greene County Agricultural Society is absolutely committed to providing a world class experience for the Dayton Hamvention® and its attendees, exhibitors, volunteers and staff," said president of the Greene County Agricultural Society Board of Directors Dan Bullen. "We are so appreciative of the opportunity to host the event and the faith placed in us by the Hamvention leadership. This will be an enormous event for the Fairgrounds & Expo Center and we are confident the Hamvention will be a great success in 2017 and beyond due to the way the community has wholeheartedly embraced this event. The City of Xenia, Greene County Board of Commissioners and the Greene County

Convention & Visitors Bureau are incredible partners and we are very grateful for their assistance."

The Greene County Fair and Expo Center located in Xenia, OH is a 501 non-profit, multi-purpose, 38-acre complex specially designed for fairs, concerts, meetings, convention/trade shows, sporting and livestock events.



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 19:30 Boca CERT: 145.255 MHz
 Tue 20:00 IRLP Tech: 147.075 MHz
 Wed 19:00 PBC ARES: 147.450 MHz
 Wed 20:00 BRARA Red Informativa en Español: 442.875 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

G.MRS Repeater Database:

Check out www.myGMRS.com.

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), W3EZB (Marcos), W4BFL (Jerry), and W4WCD (Walt)

will hold scheduled monthly meetings at 18:00 on the third Thursday of the month in the McDonalds on Yamato Rd and Technology Way. 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 denim shirt (long or 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

ARES MARS CERT

Award Chasing Ragchewing

Building & Experimenting DMR

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.

Florida St Convention (Melbourne Hamfest)

Start Date: 10/07/2016
 End Date: 10/08/2016
 Location: Melbourne Auditorium
 625 East Hibiscus Avenue
 Melbourne, FL 32901
 Website: <http://PCARS.org>
 Sponsor: Platinum Coast Amateur
 Radio Society (PCARS)
 Type: ARRL Convention
 Talk-In: 146.850
 Public Contact: Chuck Green ,
 AD4ES
 404 East New Haven Avenue
 Melbourne, FL 32901
 Phone: 321-223-3776
 Email: chuck@addressmail.com

Link McGarity WV4J Memorial Free Flea

Start Date: 11/05/2016
 End Date: 11/05/2016
 Location: JFCS of Palm Beach County
 5841 Corporate Way
 West Palm Beach, FL 33401
 Website: <http://palmswestradio.org>
 Sponsor: Palms West ARC
 Type: ARRL Hamfest
 Talk-In: 147.045 (PL 110.9)
 Public Contact: Robert Pease ,
 KS4EC
 11894 Brierpatch Court Wellington, FL
 33414
 Phone: 561-358-9999 561-358-9999
 Email: ks4ec@att.net

Free Laurel VEC Testing



Sun 04-Sep-2016, 11:00-13:00, Fire
 Station 28, 1040 RPB Blvd, Royal
 Palm Beach [PWARC] (1st Sunday of
 odd months).

Tue 13-Sep-2016, 18:00-19:30,
 Broward Gen MC, 1600 S Andrews
 Ave, Ft Lauderdale [BARC] (2nd Tue
 of every month).

Thu 10-Nov-2016, 19:00-21:00,
 Rutherford Com Ctr, 2000 Yamato
 Rd, Boca Raton, FL 33498 [BRARA]
 (Quarterly: Feb, May, Aug, Nov)

Welcome New Members:

KK4VYK	Michael Kane
WC2Q	Woody Weil
KM4VDP	Bob Stark

Also, Welcome Back:

NE4LS	Nelson Winter
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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.

Flamingo Net / UMARC Free Flea

Start Date: 11/12/2016
 End Date: 11/12/2016
 Location: University of Miami
 Physics / Gifford Arboretum Parking
 Lot
 5101 San Amaro Drive
 Coral Gables, FL 33114
 Website: <http://www.FlamingoNet.8m.net>
 Sponsor: Flamingo Net / University
 of Miami Amateur Radio Club
 Type: ARRL Hamfest
 Talk-In: 147.150 +600 (PL 94.8)
 Public Contact: William Moore ,
 WA4TEJ
 1451 NE 102nd Street Miami Shores, FL
 33138
 Phone: 305-751-1874
 Email: wa4tej@juno.com

BRARA Ham Shack Key Rules ^{K4LeW}

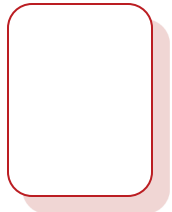
To obtain a key for our ham shack
 you must be a member in good
 standing for a minimum of a
 continuous year and hold a general
 class license or above and go
 through a short training session with
 K4LEW (Lew), W4BFL (Jerry),
 W4WCD (Walt) or N4CGC (Max).

the Radio Flyer's Purpose

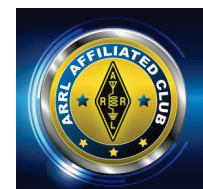
The purpose of this newsletter is
 to keep club members and other
 interested hams updated on club
 events and ham activities in the
 Greater Boca Raton Area. We
 hope you enjoy this month's *theRF*
 as much as we did publishing it!



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



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



Amateur License Refresher

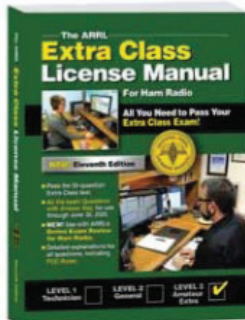
It's probably been awhile since you took your Amateur License exam. Here are a few sample questions from the new Extra question pool just to keep those synapses firing. Remember, the Extra Class pool has changed as of July

New Extra Pool

E4A09

When using a computer's soundcard input to digitize signals, what is the highest frequency signal that can be digitized without aliasing?

- A. The same as the sample rate
- B. One-half the sample rate
- C. One-tenth the sample rate
- D. It depends on how the data is stored internally



E4A14

What is the purpose of the prescaler function on a frequency counter?

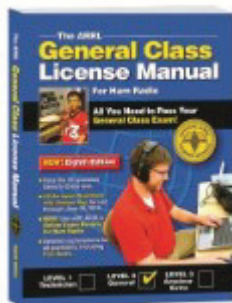
- A. It amplifies low level signals for more accurate counting
- B. It multiplies a higher frequency signal so a low-frequency counter can display the operating frequency
- C. It prevents oscillation in a low-frequency counter circuit
- D. It divides a higher frequency signal so a low-frequency counter can display the input frequency

General Pool

G5C09

What is the capacitance of three 100 microfarad capacitors connected in series?

- A. .30 microfarads
- B. .33 microfarads
- C. 33.3 microfarads
- D. 300 microfarads



G5C13

Which of the following components should be added to a capacitor to increase the capacitance?

- A. An inductor in series
- B. A resistor in series
- C. A capacitor in parallel
- D. A capacitor in series

Answers to License Refresher:

- E4A09 (B)
- E4A14 (D)
- G5C09 (C)
- G5C13 (C)

*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*

Articles for the Newsletter *KG4FUR*

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



W3EZB Resignation

We regret to announce the resignation of Marcos Raijer [W3EZB] as treasurer and board member.

Marcos has stated that his decision is final and is based on medical reasons. He has graciously offered to continue to provide his expertise to the new treasurer in club bookkeeping, banking payments and annual paperwork, but we will have to appoint a new board member.

His counsel will be missed, but we understand his situation and will respect his wishes. We wholeheartedly thank Marcos for his service to the club and wish him a rapid return to full health.

His will be large shoes to fill.



Ham Humor

New Time-Saving QSO Program Announced

W3CRRR

NEWINGSTEAD, VERMONT - The National Radio Retransmission Legion (NRRL) today announced a new program designed to save amateur radio operators time and irritation on the ham bands.

According to NRRL Executive Director Bob Gilligan, the "Know Before You QSO" program authorizes US-licensed ham radio operators to identify with a special callsign suffix dependent on the operator's political party affiliation.

"We think this is going to be just dynamite for hams!" exclaimed Gilligan, sipping from his glass of Courvoisier and adjusting his ascot. "How many times have you started a friendly QSO only to have it escalate out of control moments later because of something the other ham said?"

"Like minded individuals will be able to identify and find each other on the air," stated FCC spokesman Pontus "Smokey" Blumenthal, joining Gilligan at the speaker's podium.

"The NRRL - working hand in hand with the FCC's 'One Kiloherzt at a Time' program - is taking steps to clean up HF. From this point forward, you can be assured that your QSOs will be friendly, opinions will be the same, and joviality will be the new normal on the air!"

Gilligan states that the NRRL will soon be selling various "Know Before You QSO" merchandise like caps, pins, mugs, drink glasses and t-shirts to help fund the initiative. "You should buy some," he says.

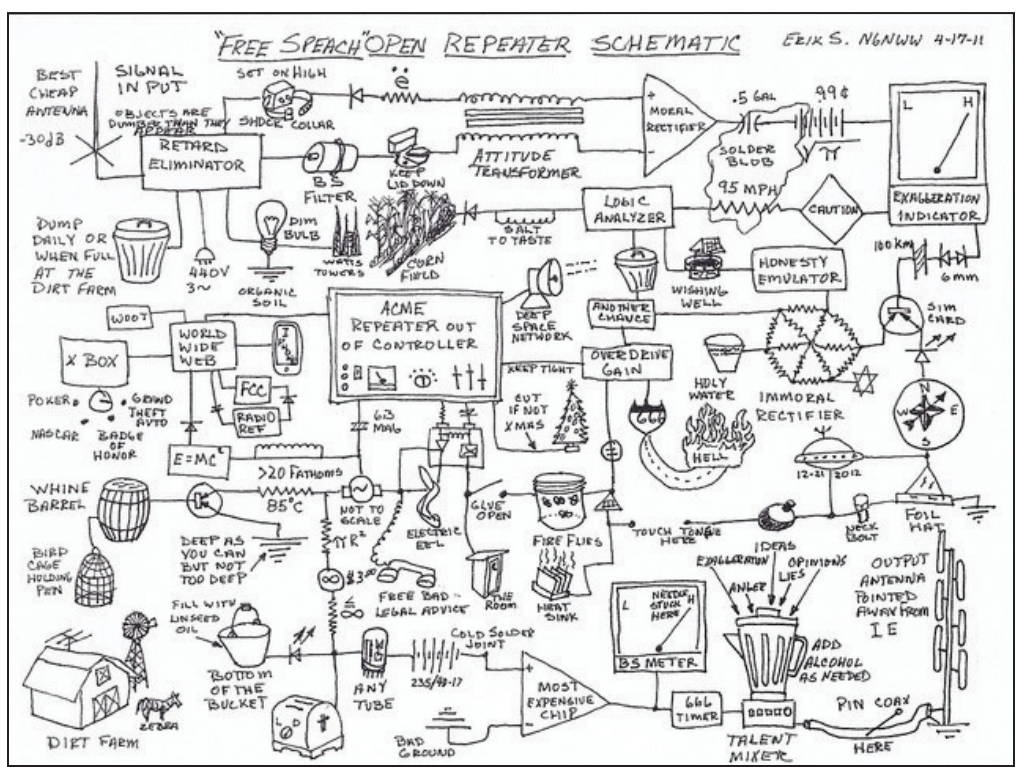
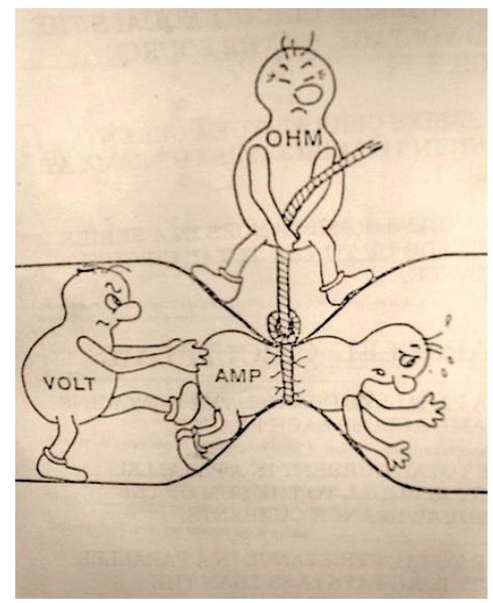
On a related note, the NRRL says Logbook of the Globe confirmations will now appear in color - Republican QSLs illuminate RED; Democrat QSLs illuminate BLUE. All QSLs with other political party affiliations remain without illumination since most people do not care about them.

HamHijinks.com

You know it's bad when...you start hearing CW all the time, and there really isn't any...
Clinton Herbert [AB7RG]



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



Ham Radio Club in Hot Water after “Honest Mistake” WBORUR

BEAVER DAM, Wisconsin – A local group of amateur radio operators will not be invited back to next year’s fundraiser for the local heart association.

The Dial Spinners, a ham radio club based in rural Catoosa County, volunteered for event communications during last week’s “Walk It, Run It or Bike It” fundraiser. (Participants gather pledges per mile from donors and may walk, run or bike the course.) Shortly after the 5K event started, things took a bad turn - literally.

“Alexander Feldman* had the course map and that was probably our first mistake,” says club president Thomas O’Happerstam, a radio amateur veteran. “He was responsible for guiding the lead car and the initial participants in the right direction.” While the group of 15 volunteers manning course checkpoints were chatting on a local repeater about lunch plans and the “code /no code” controversy, Feldman inadvertently guided everyone onto the wrong street. And then another. And then another. And then another.

“When it was all said and done,” adds event organizer Jane Brookhaven, “our 5k event turned into something closer to 20k. People were dropping out like flies and we had to call in extra vehicles to pick up the stranded walkers, runners and bicyclists. It wasn’t pretty. It even made the local Beaver Free Press newspaper.”

For his part, Feldman says he’s not exactly sure what happened...but has an idea.

“I think I was holding the map upside down,” says Feldman who has a history of navigation mistakes. In 2006, Feldman intended to drive a group of hams to the “Big Badger Hamfest” in Madison, but ended up in Racine. He also completely missed Field Day one year because he “just couldn’t find the damn thing.”

Brookhaven says there may be a silver lining to the embarrassing incident, though.

“Because of Mr. Feldman’s course and our pledges per mile -- we raised a lot more money than usual!”

*Editor’s Note: Feldman’s grandfather

portrayed himself as the famous “Wrong Way Feldman,” who was featured in TWO Gilligan’s Island episodes.

www.hamhijinks.com



“When radio keeps silent, our ears shall never hear the real details!” — Ernest Agyemang Yeboa

JOTA Stations Encouraged to Register/ File Post-Event Reports

Scouting’s Jamboree on the Air (JOTA) officials are asking JOTA 2016 participants not only to register for this year’s event, but to follow up with a post-JOTs report. As an incentive, all stations filing reports will automatically be entered to win an Icom ID-51A handheld transceiver.

The 59th annual JOTA takes place 14/15-October-2016.

More than a million Scouts in 150 countries at nearly 18,000 stations are expected to participate in JOTA 2016. It is about conversations across town and around the world, rather than about contacts.

BRARA will be operating at the Shack on Saturday 14-Oct with the assistance this year from Boy Scout Troop 306. Several Cub Scout packs in our area have been invited and are expected to visit us.

We will again be sending a contingent to the Gulf Stream Council JOTA event at Tanah Keeta Scout Reservation in Tequesta. The Council event runs the full weekend and attracts youth from 3 counties. We are still looking for additional members to fill out the team as control operators for our in-camp station and assist in providing instruction. Lodging and food are provided. Please contact Bruce [KO4XL] at 561.862.8198 if you are interested in participating.



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

Growth in New Ham Licenses Ahead of Last Year

The ARRL Volunteer Examiner Coordinator (VEC) reports that 20,447 new ham licenses have been issued since the first of this year. That's 1,500 ahead of this time last year. At the current pace, the USA is on track to exceed 30,000 new licenses for the third straight year.

While we are all thrilled with this prospect, we should be keenly aware that without some mentoring, these new hams' initial curiosity and enchantment may fade if they don't get on the air right away.

Additionally, the number of upgrades are on track to reach nearly 11,000 by the end of this year.

The picture below was taken at the most recent August Laurel Testing session conducted by BRARA at Patch Reef Park in Boca Raton. 19 successfully passed their exams.

Please seek them out, offer assistance, and encourage them to get on the air Monday nights- BRARA New Hams Net, 1900, 145.290 repeater.



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

- KM4MFW [E] John Quarguesso*
 - N1QFH [G] John Cole*
 - N4ANO [G] Michael Ross*
 - KJ4RVL [G] Shakeera Maragh*
 - KC4BET [G] Gustavo Betzer*
 - KM4VYK [T] Michael Kane*
 - KM4VYL [T] Leon Paulk
 - KM4VYM [G] Mary Elizabeth Roth
 - KM\$VYN [T] Joseph Remllard
 - KM4VYO [T] Nicholas Pospishil
 - KM4VYP [T] Brian Hingos
 - KM4YVQ [G] Paul Emmans
 - KM4VYR [T] Robert Eng
 - KM4VYS [T] David Burke
 - KM4VYT [T] Steven Banberger
 - KM4VYU [T] Miguel Rodriguez
 - KM4VYV [T] Nicholas Sileo
 - [T] Adilen Perez
 - [T] Jennifer Day
- * BRARA members

Congratulations SFL ARRL Members

The following ARRL members have received pins from ARRL HQ recognizing their support over many years of continuous membership:

N3EA	Alan Maslin*	60 years
WB4HIS	Joe Poersche	50 years
K2CIB	John Samuels	50 years
WB2MBV	Sandy Wolf	50 years

SET 1/2-Oct-16

Emergency Preparedness takes the spotlight in this annual exercise

The annual Simulated Emergency Test (SET) is scheduled for the first weekend in October. For most ARES groups, the SET is part of their ongoing training program. Details about SET can be found on page 78 in the September QST.

For more info, contact Bob Vastolla [KK4AT1], our South County AEC.



Digital Radios *N8SY*

A few months back a survey was conducted on the Ohio Section website to find out just which mode seems to be the most popular right now. Popular being who's using what digital mode the most.

The survey showed the following:

D-Star - 11%
Fusion - 28%
DMR - 61%

Now I realize that this survey is not very scientific, but I feel that it does show that DMR seems to be the up and coming new digital mode that's worth looking at. There were over 250 responses to this survey and 30 of them were from digital repeater owners.

What I have discovered through this poll is that buy/owning a digital radio is a lot like buying a car. Some only like Ford's and others like Chevy's.. Is one better than the other? That really depends on who's doing the buying and what the needs of the person are! So with that in mind, please don't misinterpret this survey as being conclusive. It isn't. It's just a fun way of finding out who's using what right now.

I use DMR. I purchased a Tytera MD-380 radio and it uses what is called a "codeplug" to plug into all the repeaters. This is where the settings for each repeater are located. This codeplug is created by someone and can be "cloned" to any amount of other like radios. It's not proprietary so exchanging it between friends is ok. Firmware updates are also free for you as well.

Now because I travel all over the state I was finding that there are a lot of DMR repeaters around that if I only had them programmed in I could use them as I travel.. So, I went to a friend of mine with this problem and he resolved it for me by creating a codeplug with all of the DMR repeaters in Ohio programmed into it. Thanks Andy.. This codeplug can be used to program any of the very

popular Tytera MD-380's or MD-390 digital UHF radios.

For those of you who are looking for a great use for DMR, there are several nets around the country that you can freely join in on.

We also have a statewide net in Ohio that meets the 1st and 3rd Wednesday at 8:30pm local.

There's also a statewide net in Kentucky that meets every Thursday at 8pm local.

Want a copy of the codeplug that I use? Send me an email and I'll send it over to you..
n8sy@n8sy.com

Please note.. This codeplug is for the Tytera MD-380 / MD-390 only.

--**Scott, N8SY**

Digital Radios *KQ4FUR*

Like Scott [N8SY], I also have a Tytera MD-380 and likewise am very happy with it. I also have a CS-800 and CS-750. The club has a Atlantic Technology QM-2100.

We have developed a all Florida Codeplug that works with the MD-380, QM-2100, QP-2100 and CS-700.

These radios have a 1000 digital contact and 1000 analog/digital channel limitation. Currently, there are just under 1,250 Florida users, exceeding the contact limitation of these radios.

The CS-750 and CS-800 have a space for 65,536 digital contacts and 2000 channel capability.

There are just under 18,600 USA users over 36,000 worldwide users. John Q [KM4MFW] has taken my original codeplug and has included all 36,000 DMR-MARC worldwide registered contact users. He is working on a less all-encompassing contact lists (Florida, USA, N America).

If you want a copy of the BRARA statewide codeplug that we use, send us an email or see us at the shack. We can program the above radios at the shack upon request.

I have purchased a DM4mini Dongle and will call upon Jeff Cucher [KB2LDT] to assist me is setting it up. Jeff will be giving a presentation on this Dongle

New Products

DV4mini USB Hotspot

The DV4mini from Wireless Holdings is a USB dongle that supports D-STAR, C4FM (System Fusion), DMR, dPMR, and P25 digital modes. The dongle includes a digital 70 centimeter transceiver with 12 mW output. Plug the DV4mini into the USB slot of a computer or Raspberry Pi connected to the Internet, and it will allow you to connect to the online digital networks through your handheld. For example, set up a DV4mini hotspot in an area without a digital repeater, and anyone within 1000 feet could then use a compatible handheld to access the network. Price: \$129. For more information, visit wirelesshold.com.



New SFL Section ARRL Affiliated Club Coordinator Appointed

Ronald E Schoner [K4OIL] from Martin County has been appointed our ARRL affiliated club coordinator.

We have reached out to Ron to come and meet our gang and he is looking forward to meeting us. So expect to see him at the Shack or a future general meeting.

Ron's contact information is

tinstar109@aol.com
772.260.5272 mobile