



the *Radio Flyer,* *a BRARA Newsletter*

May 2014

BRARA Calendar:

19:30 Fri 02-May-14
S County NBEMS Net on 145.29 [110.9]

09:00-13:00 Sat 03-May-14
Ham Shack Work & Radio Day

19:30 Mon 05-May-14
Informal Net on 145.29 [110.9]

19:00-21:00 Tue 06-May-14 Club Meeting @ West Boca Library, 18685 SR-7/US-441, Boca Raton, FL 33498 follows free Laurel VEC testing beginning at 18:00 hours.

09:00-13:00 Wed 07-May-14
Ham Shack Work & Radio Day

19:30 Fri 09-May-14
S County NBEMS Net on 145.29 [110.9]

09:00-13:00 Sat 10-May-14
Ham Shack Work & Radio Day

Sun 11-May-2014 MOTHER'S DAY

19:30 Mon 12-May-14
Informal Net on 145.29 [110.9]

09:00-13:00 Wed 14-May-14
Ham Shack Work & Radio Day

19:30 Fri 16-May-14
S County NBEMS Net on 145.29 [110.9]

09:00-13:00 Sat 17-May-14
Ham Shack Work & Radio Day

19:30 Mon 19-May-14
Informal Net on 145.29 [110.9]

09:00-13:00 Wed 21-May-14
Ham Shack Work & Radio Day

19:30 Fri 23-May-14
S County NBEMS Net on 145.29 [110.9]

09:00-13:00 Sat 24-May-14
Ham Shack Work & Radio Day

Mon 26-May-2014 MEMORIAL DAY

19:30 Mon 26-May-14
Informal Net on 145.29 [110.9]

09:00-13:00 Wed 28-May-14
Ham Shack Work & Radio Day

19:30 Fri 30-May-14
S County NBEMS Net on 145.29 [110.9]

09:00-13:00 Sat 31-May-14
Ham Shack Work & Radio Day

19:30 Mon 02-Jun-14
Informal Net on 145.29 [110.9]

19:00-21:00 Tue 03-Jun-14 Club Meeting @ West Boca Library



This Month's Speaker kj4rhp

There will be no scheduled speaker, as we will be offering free Laurel VEC testing with the hopes of expanding the Amateur Radio hobby.

We will also begin planning for Field Day 2104 which is 28-29 June.

Future speakers we are working with include:

- *KC2WQ (David Brender) will give a presentation on Bonding & Grounding*



Repeater, HSMM, & Ham Shack News

The weekly worker group meets almost every Wednesday and Saturday morning roughly between 0900 and 1300.

Repeater 2m/70cm linking is still a work in progress as is correcting the repeater time-stamp. Testing and tweaking of the new Controller continues.

The HSMM club project is also a work in progress.

We are looking to move the Echolink setup to N4CGC's QTH initially and then to the repeater site. Echolink should be operational again sometime soon.

Your support is needed (more physical, but moral is appreciated).

QSL Report N4JJ

As we close out the month, N4BRF has logged in 1,097 QSLs/3,978 QSOs (27.6%) on LoTW.

N4BRF DXCC Account Status: New this month: Afghanistan (T6), Andaman & Nicobar Islands (VU4), Banaba Is (T33), Juan Fernandez Island (CE0Z), Mellish Reef (VK9M), Rep of the Congo (TN), Singapore (9V), Tonga (A3). Awards received: Mixed and CW.

N4BRF WAS Account Status: We have received 159 (+0) QSLs from the 2012 Field Day and 157 (+2) from the 2013 Field Day activities. Awards received: Basic.

N4BRF Triple Play Award Status: CW 48, Phone 40, Digital 42. Total 130 (of 150 needed). This month-ND (SSB & RTTY).

N4BRF VUCC Account Status: New this month: None. The Fred Fish Memorial Award is still a work in progress.

Next update at the 06-May-2014 Club Meeting.

Less we forget the price that so many paid for the freedom we enjoy today.



History of the Radio

In modern society, radios are common technology in the car and in the home. In fact, in today's world one would be hard pressed to find anyone who has not heard of, seen, or used a radio within his or her life. This was not always the case, however. Before the 19th century, wireless radio communication was a thing of fantasy. Even after the development of the radio in the late 1800s, it took many years before radios went mainstream and became a household fixture. The history of the radio is a fascinating one that changed how the world connected and communicated from distances both far and near.

The question of who invented the radio comes with a certain amount of controversy. In 1893 the inventor Nikolai Tesla demonstrated a wireless radio in St. Louis, Missouri. Despite this demonstration, it was Guglielmo Marconi who is often credited as the father and inventor of the radio. One of these reasons was that he was given the very first wireless telegraphy patent in England in the year 1896. A year later, however, Tesla filed for patents for his basic radio in the U.S., and they were granted in 1900. On December 12, 1901, Marconi's place in history was forever sealed when he became the first person to transmit signals across the Atlantic Ocean.

Before and During World War I

Prior to the 1920s the radio was primarily used to contact ships that were out at sea. Radio communications were typically achieved by the use of Morse code messages. This was of great benefit to vessels in the water, particularly during emergency situations. With World War I the importance of the radio became apparent and its usefulness increased significantly. During the war, the military used it almost exclusively and it became an invaluable tool in sending and receiving messages to the armed forces.

Radio and the 1920s

In the 1920s, following the war, radios began to increase in popularity amongst civilians. Across the U.S. and Europe, broadcasting stations such as KDKA in Pittsburgh, Pennsylvania and England's British Broadcasting Company (BBC) began to surface. In 1920 the Westinghouse Company applied for and received a commercial radio license which allowed for the creation of KDKA. KDKA would then become the first radio station officially licensed by the

government. It was Westinghouse which also began advertising the sale of radios to the public. Home-built radio receivers were a solution for some and began to create a problem for the manufacturers who were selling them. As a result the Radio Corporation Agreements, RCA, was sanctioned by the government. Under RCA, certain companies could make receivers, while other companies were approved to make transmitters. Only one company, AT&T, was able to toll and chain broadcast. It was AT&T that, in 1923, released the first radio advertisement. In the late 20s, CBS and NBC were created in response to AT&T being the sole station with rights to toll broadcasting.

In Britain, radio broadcasts began in 1922 with the British Broadcasting Company, or BBC, in London. The broadcasts quickly spread across the UK but failed to usurp newspapers until 1926 when the newspapers went on strike. At this point the radio and the BBC became the leading source of information for the public. In both the U.S. and the U.K. it also became a source of entertainment in which gathering in front of the radio as a family became a common occurrence in many households.

World War II and Changes Following the War

During World War II, the radio once again fulfilled an important role for both the U.S. and the U.K. With the help of journalists, radio relayed news of the war to the public. It was also a rallying source and was used by the government to gain public support. In the U.K. it became the primary source of information after the shut-down of television stations. The way in which radio was used also changed the world after World War II. While it had been a source of entertainment in the form of serial programs, it began to focus more on playing the music of the time. The "Top-40" in music became popular and the target audience went from families to pre-teens up to adults in their mid-thirties. Music and radio continued to rise in popularity until they became synonymous with one another. FM radio stations began to overtake the original AM stations, and new forms of music, such as rock and roll, began to emerge.

The Present and Future of Radio

Today, radio has become much more than Tesla or Marconi could have ever imagined. Traditional radios and radio broadcasting have steadily become a thing of the past. Instead it has steadily evolved with more satellite radio and Internet radio stations. Radios are found not only in homes, but they are also a staple in vehicles. In addition to music, radio talk shows have also become a popular option for many.

Palm Beach ARES Text Messaging Group

The most important thing I learned about at Tuesdays Meetings at the National Hurricane Conference is something NOT about Ham Radio.

I have started a PBC District ARES Text Messaging Group, on a for free platform, a service called "GroupMe". A few of you, the leaders, will receive a text message with a UNKNOWN phone #, If I know your Cell #..... ADD that # into you contact list as "PBC District ARES". That way if you receive a message it will come up with that name. As I add members to the list you will get a message with that name and call.

I want to add all PBDARES members to this text Message Group, as long as your cell phone can receive a text messages. This will only be used for urgent messages!

Please send me a Private Direct email with your Cell phone # with your NAME the way you want it to appear and your Call, and I will add you to the "GroupMe" group. Once you have been added to the group anything posted to the group is sent to EVERYONE else in the group, just like an old 1930's party line telephone.

It has been proven over the past years during most EMERGENCYs that a text message will get thru when a regular voice call won't work. This will be another REDUNDENT way for ARES to get "THE" message thru and delivered.....

Stephen Wolf (Sandy) WB2MBV
Palm Beach District ARES (Amateur Radio Emergency Service)
Emergency Coordinator
<http://pbdares.org/>
Home 561.242.0329
Cell 561.632.3585
stevewfd@aol.com

PBEMA kg4fur

PEMA is a coalition of groups that are promoting a uniform usage of the "Basic", or simplified version of NBEMS. With the free software and methodology you can transmit ICS/ Red Cross and other forms as well as CSVs by conventional FM radios, just like yours! Those radios are the most plentiful type and so our efforts are in line with Homeland Security's national "interoperability" goals.

See
<http://www.qsl.net/k4wrc/PBC-BASIC-NBEMS.html> for more details

NBEMS *kg4fur*

I would like to remind everyone that there are 2 NBEMS nets in Palm Beach County.

⇒ The PBC NBEMS Net **now** meets on a new day and time: **Tuesdays at 1930 hours** on the 147.285 +0.600 [PL 103.5] repeater. This to not conflict with the Sunday SSTV Net.

⇒ The South County NBEMS Net which currently meets at 1930 hours on Friday evenings on the 145.290 -0.600 [PL 110.9] repeater **may move to Mondays at 20:00 hours** or following the BRARA Informal net (whichever is later) if the SC ARES Net moves back to Wednesday nights (1900 or 1930 hours).

SC ARES Net *kk4ati*

Date: Monday (currently)

Time: 8:00 pm - 9:00 pm

Location: Check **new** ICS-205 FORM for other changes.

Notes: These nets are to TEST out your Radio Equipment and OPERATOR TRAINING. on 147.225 [+600] with a PL of 107.2 (Primary) or 146.820 [-600] with a PL of 110.9 (Secondary). Simplex frequencies include 146.55 (SCARES), 147.54 (EOA5), and 147.55 (EOA6).

Monthly meetings are held at 1900 hours on 2nd Wed of month in the PBC FRS at 14276 Hagen Ranch Rd, Delray Beach FL 33446.

Just a note to say I attended the Central meeting on Monday night. The leadership discussed some of the goals and agreements with Palm Beach County. ARES is moving forward and some of the ideas are progressive, and look positive for ARES members. Some new leadership changes are now in place. Chris Hite is the new AEC for Palm Beach Central Area. Gerry Gawaldo is the new AEC for South Palm Beach. Gerry is also doing the training for the South Area, and has some great ideas. We look forward to working with him. David Selzer remains South County Net Manager, and special project advisor. John Fulford (W4VPY), and Mike McCarter (KA7NOO), are area district technical representatives. They are available to any ARES member who may need assistance.

Please contact Sandy Wolf, area coordinator (WB2MBV), for information on how to contact John or Mike.

Robert Vastola, EC South PBC (KK4ATI)

Club Net

145.290 -0.600 [PL 110.9] EC-826953
Monday Evening Informal Net @ 1930

Remember that we are as close as Echo Link [EC 826953]. So stay in touch with us on Monday nights at 19:30 (7:30 PM our local time). W1IVB, our NCS, looks forward to Echo Link contacts. We all do!

Club Repeaters

144.390 -0.600 APRS Repeater
145.070 -0.600 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
1087 West Atlantic Avenue
Delray Beach, FL 33446

Board of Directors Scheduled Meetings

The BRARA Board of Directors:

K4LEW (Lew), KG4FUR (Gerry),
KJ4RHP (Mike), KO4XL (Bruce),
N4CGC (Max), W1IVB (Frank), and
W4WCD (Walt)

We hold weekly luncheon meetings at 11:30 Mondays (quorum permitting) at Miller's Ale House, 1200 Yamato Rd, Boca Raton, FL 33431. (561)988-9142
www.millersalehouse.com/location/east-boca-ale-house

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.

\$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)

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.

Thank you for your continued support.

2014 Membership

Application & Renewal

- ☐ \$20 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 ☐ Other: _____

Signature: _____

Return to BRARA Secretary with Dues:

Walt Dreyfus, W4WCD
21512 Woodchuck Ln,
Boca Raton, FL 33428
(954) 481-5327



Field Day 2014

Objective: To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

Dates: Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday. Field Day 2014 is June 28-29.

Bands: Any Amateur Radio band except 12, 17, 30 and 60 Meters.

Log Submission Deadline: Entries must be postmarked, emailed or submitted by 2059 UTC Tuesday, July 29, 2014. Late entries cannot be accepted. [1659 EDT Tuesday 29-Jul-2014]

Contact Information: For Field Day information contact
ARRL: fdinfo@arrl.org or (860) 594-0236

License Renewals Due:
None

New Licenses:
None

License Upgrade:

Welcome New Members:
N3JT Jim Talens

For more on BRARA
www.n4brf.org



Free Laurel VEC Testing

Sun 04-May-2014, 1100-1300, Fire Station 28, 1040 RPB Blvd, Royal Palm Beach [PWARC] (1st Sunday of odd months).

Tue 06-May-2014, 1800-1930, West Boca Library, 18685 SR-7/US-441, Boca Raton [BRARA] (once a quarter).

Tue 13-May-2014, 1800-1930, Broward Gen MC, 1600 S Andrews Ave, Ft Lauderdale [BARC] (2nd Tue of every month).

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 section with K4LEW (Lew), W4WCD (Walt) or N4CGC (Max).



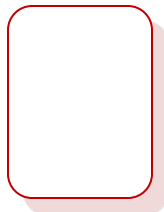
the Radio Flyer's Purpose

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 Newsletter
5724 Regency Circle West
Boca Raton, FL 33496-2760

Email KG4FUR@n4brf.org with
Articles/Constructive Critique



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

