

the Radio Flyer, *a BRARA Newsletter*

August 2015



BRARA Calendar:

- 09:00-12:00 Sat 01-Aug-15**
Ham Shack Work & Radio Day
- 19:30 Mon 03-Aug-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net
- 19:00-21:00 Tue 04-Aug-15**
Club Meeting @ West Boca Library
- 09:00-12:00 Wed 05-Aug-15**
Ham Shack Work & Radio Day
- 09:00-12:00 Sat 08-Aug-15**
Ham Shack Work & Radio Day
- 19:30 Mon 10-Aug-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net
- 09:00-12:00 Wed 12-Aug-15**
Ham Shack Work & Radio Day
- 09:00-12:00 Sat 15-Aug-15**
Ham Shack Work & Radio Day
- 19:30 Mon 17-Aug-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net
- Wed 19-Aug-15 Nat'l Aviation Day**
- 09:00-12:00 Wed 19-Aug-15**
Ham Shack Work & Radio Day
- 09:00-13:00 Sat 22-Jul-15**
Ham Shack Work & Radio Day
- 12:00 Noon Sun 23-Aug-15**
Soft Deadline for Newsletter
- 19:30 Mon 24-Aug-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net
- 09:00-12:00 Wed 26-Aug-15**
Ham Shack Work & Radio Day
- 09:00-13:00 Sat 29-Aug-15**
Ham Shack Work & Radio Day
- 19:30 Mon 31-Aug-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net
- 19:00-21:00 Tue 01-Sep-15**
Club Meeting @ West Boca Library
- 09:00-12:00 Wed 02-Sep-15**
Ham Shack Work & Radio Day
- 09:00-12:00 Sat 05-Sep-15**
Ham Shack Work & Radio Day
- Mon 07-Sep-15 Labor Day**
- 19:30 Mon 07-Sep-15**
Informal Net on 145.29 [110.9]
followed by South County NBEMS Net



This Month's Speaker N4EJG

This month our scheduled speaker is away on vacation and will not be able to present.

In his place, we hope to have a ARRL video on the 2015 Hurricane Season.

QSL Report N4JJ

As we close out the month, N4BRF has logged in 1949 QSLs/6905 QSOs (28.2%) on LoTW.

DXCC Account Status:
231. New this month: 10m DXCC achieved, and award received! Also Rodrigues Island (3B9), Taiwan (BV), Chile (CE), Namibia (V5).

WAS Account Status: Still need NE for RTTY. Awards received: Basic, 20m, CW, Phone, Digital, & Triple Play. 5BWAS Total now 178. New this month: FL 80m; KY 15m; KY 80m; MN 80m; MS 80m; NJ 80m; PA 80m; UT 40m; TN 15m. 30 states credited on 6m! LA, ME the last states needed east of the Mississippi.

We have received 165 QSLs from 2012 Field Day (FD), 170 QSLs from 2013 FD, 231 (+1) QSLs from 2014, and 197 QSLs from 2015 FD.

VUCC Account Status: None.

Update at the next Club Meeting.



Repeater, HSMM, & Ham Shack News

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

Both Analog repeaters are working. The 2m repeater power amp has been operating with 85 w output.

Repeater 2m/70cm linking as well as the time stamp are still works in progress Testing and tweaking of the new Controller continues.

We have the registration number for the additional 70 cm repeater controller. Manual is forthcoming.

The Digipeater is up and running.

Regarding the packet stack. The packet stack is not working at this time.

No time frame was given as to when it will be restored.

The internet connection at the shack is not operating.



Anatomy of a CERT: Oceanside (CA) CERT

The community of Oceanside, California, located north of San Diego along the coast, has a population of 180,000 and is approximately 42 square miles in size. The community has an energetic CERT (Community Emergency Response Team) program, along with a vital Amateur Radio communications support group. Like many California coastal communities, Oceanside is exposed to numerous hazards, including earthquakes, tsunamis, severe weather, flooding, and wildfires.

CERT members understand that following a major disaster, first responders who provide fire and medical services will not be able to meet the demand for these services. Factors such as number of victims, communication failures, and road blockages will prevent people from accessing emergency services they have come to expect at a moment's notice through 911. People will have to rely on each other for help in order to meet their immediate lifesaving and life sustaining needs.

Oceanside CERT is "about readiness, people helping people, rescuer safety, and doing the greatest good for the greatest number." CERT is a citizen-based, neighborhood-centric approach to emergency and disaster effects mitigation and adaptation where citizens will be initially on their own. Their early actions, based on their training, planning, resources and communication capabilities, can save lives when government responders are not available: citizens can manage utilities and put out small fires; treat victims with basic medical interventions, search for and rescue victims safely; and organize themselves and spontaneous volunteers to be effective.

In 2005, the Oceanside Fire Department started the community's CERT program. The program was initially funded by a County grant and supported with a small budget from the Fire Department. After much planning and work, the first class of 25 citizen-trainees graduated that year.

Since then, the program has grown: it now has more than 400 trained citizens with an elected board of directors to oversee and manage the group. The Fire Department serves as program advisor and sponsoring representative to the San Diego County CERT Council. About 125 of these dedicated volunteers are active members that continue to attend quarterly training sessions and participate in city EOC drills, various community fairs, civic events and PR opportunities.

Oceanside CERT is authorized by the [Oceanside Fire Department](#), the [San Diego County Unified Disaster Council](#), and the [San Diego County CERT Council](#).

Oceanside CERT Amateur Radio Team

The active *Amateur Radio Team* is a subcommittee of Oceanside CERT, consisting of over three dozen licensed radio amateurs. Their team's goal is to have at least 4-5 hams within each Fire Service Area.

Team Chairman Joe Gardeski, N6JO, reports "we combine the radio communication skills learned from our avocation, training and licensing, with the principles learned from our CERT training, toward the purpose of helping our families, friends and neighbors with communication during time of emergency or disaster." Gardeski adds "And we have fun doing it!"

Amateur Radio Team members plan and train to operate from their homes and outside in their neighborhoods if necessary, using portable, mobile and base station equipment to link them to each other and officials, forming a communications web throughout the City of Oceanside.

Team members conduct an on-the-air "Weekly Net" exercise taking 25-30 radio check-ins from all eight Fire Service Areas within the City, with Linda, KJ6DPT, arranging a different Net Control Op at the mic each week to rotate the training opportunity.

Gardeski says "we hold a Monthly Meeting where we get together for planning and training. We do several field tests and drills per year."

Gardeski adds "we volunteer our time and provide our own radio station equipment, with the focus on improving our station performance and radio operating skills." "We gladly extend a helping hand to others within Oceanside CERT interested in learning more about Amateur Radio, obtaining their ham license, and finding economical equipment to get started." "We educate fellow hams about the benefits of receiving CERT training."

Learning from the widespread southern California power outage three years ago and with Fire Dept. support the Amateur Team designed and installed their own coordinated WF6OCS FM repeater on 144.505 MHz. The repeater is 100% solar/battery powered and has been running 24/7 continuously for 2-1/2 years. The Team presently is building out their broadband digital mesh microwave infrastructure and expects to have over half of their eventual twelve off-grid nodes on-air by year's end, thus

adding digital capabilities to the CERT ham backup plan. Future plans include a linked UHF FM repeater for improved coverage of the downtown and beach tourist areas.

"The key point is that we offer a potentially critical extra level of communication for Oceanside CERT and the community during time of emergency," Gardeski concluded. - *Thanks to Oceanside CERT Chairman Joe Gardeski, N6JO, N6JO@arrl.net, and Oceanside CERT Program Coordinator Ted Fritz, KJ6IXE, for their courtesy and permission to publish portions of their excellent website www.oceansidecert.org*

[Editor's note: In my correspondence with N6JO that led to this article, he wrote "Oceanside CERT is but one group among many other fine CERT groups all working toward the same preparedness goal. If your work and ours encourages others to join this effort, then local communities will be better prepared during time of disaster/emergency, and you and we will have done a good service for our fellow hams, and other communities and neighborhoods across the country."

Joe also wrote "It is just a fact of life that, during the first 72 hours of a major disaster, individuals and their families and neighbors will need to provide for themselves as best as possible while the authorities deal with higher priorities. Oceanside CERT and similar such programs help equip citizens in local communities with awareness and basic skills, which hopefully rolls up to better preparation at the national level. It follows that anything we can all do to encourage our fellow hams and their families and friends to participate in free CERT training would result in better prepared communities and neighborhoods, where initial neighborhood and community self-reliance will be the order of the day."
-- K1CE]

CERT Program Update

According to FEMA, there are 2,200 registered official CERT programs across the country. To be registered as an official CERT Program, the program must be operated by a local emergency response organization such as your local Fire Department or Office of Emergency Management and endorsed by the local Citizen Corps Council if your community has one; conduct the CERT Basic Training Course and a CERT exercise at least once a year; and have a point of contact to be posted with other program information on the national CERT website. There are also individuals and individual teams sponsored by official CERT programs that are not included in this count. To find an official CERT program near you: www.citizencorps.fema.gov/cc/searchCert.do?submitByZip

You can learn about the training available, history of exercises and responses, and contact information for your nearest CERT program.

The [May 2015 CERT E-Brief](#) includes stories about the Daisy Mountain, AZ Fire Department and Whatcom County, WA CERT programs and their recent efforts in response to flooding in their communities and surrounding areas, a CERT best practices guide developed by the Massachusetts Emergency Management Agency for local programs, the Charlton County, GA CERT program's important role in emergency response and recovery in a community with very few professional resources and capabilities, and the Erie County, PA CERT program's response to disrupted water service at a local correctional facility. To read the issue see <http://www.citizencorps.fema.gov/cc/searchCert.do?submitByZip>

Spring Severe Storm SET a Success in Pacific Northwest

While hurricanes and tornadoes receive much publicity across the central portion of the U.S., the Pacific Northwest is not lacking in the severe storm arena. Remember that extratropical cyclone which roared up the Oregon/Washington/BC coast back in 1962 ([Columbus Day Storm of 1962](#)) and is a contender for the title of most powerful recorded in the U.S. in the 20th century?

Using a realistic severe storm scenario, the Clark County (Washington) ARES (CCARES) held its Spring 2015 Simulated Emergency Test (SET) on May 30. Fifty CCARES members participated at partner agency locations throughout the county. These included the Clark Regional Emergency Services Agency, PeaceHealth Southwest Medical Center, Legacy Salmon Creek Medical Center, Vancouver Fire Department (stations 7 and 10), East County Fire and Rescue, Clark County Sheriff (West Precinct), and Battle Ground Police Department.

The SET included a full simplex path check between agency locations, formal message passing on simplex (with repeater backup), an operational period changeover, a shift of the primary net for the SET over to a different repeater (which operators had to manually enter into their radios), many real-life inspired simulated injects into the exercise, and several operational site visitations by an ARES Assistant EC. The CCARES extended thanks to W7AIA and KB7APU for the use of their repeaters for this event.

Lessons Learned

Every exercise and activation spawns topics for future training and practice, and this SET was no different. Those topics include better distribution of tasks between members, parallel operation of multiple stations at served agencies, effective allocation of radios between voice and data, tactical call sign use, practice using procedural words in messaging, more experience with digital modes and templates, establishing mentors for specific training topics, and additional practice at portable operations.

CCARES Emergency Coordinator John Gainsborough, KM7LJ, recorded this SET as a success in nearly all the exercise evaluation categories. Planning for the Fall 2015 SET is already underway, as is response planning for the four-day Cascadia Rising 2016 regional exercise next June. -- Steve Aberle, WA7PTM, ARRL Official Emergency Station (OES), ARRL Western Washington Section

Critical Partnership: CERT Joins with Amateur Radio Club for Field Day in West Central Florida

Amateur Radio operators from [The Upper Pinellas \(Florida\) Amateur Radio Club](#) and [East Lake CERT](#) practiced emergency/disaster communications skills and demonstrated their capabilities before the public at their ARRL Field Day site at the end of last month. Together, the two organizations boast a total of 72 Amateur Radio operators ready for service when called upon. Pinellas county lies to the east of Tampa with a population of about one million on the coast of the Gulf of Mexico. Clearwater is the county seat, and St. Petersburg is its largest city.

East Lake CERT is part of the Community Emergency Response Team program, a FEMA initiative that educates people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical interventions. Using their training, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. CERT members also are encouraged to support emergency response agencies by taking a more active role in emergency preparedness projects in their community.

Using the call sign KV4CT, club

member-amateurs operated five positions on the HF and VHF bands. The first eight hours of operation was streamed live on the Internet. More than 200 contacts were made with stations in the continental US and Hawaii, Canada, and the Caribbean. They operated off the grid on battery, solar, and portable generator power to simulate the conditions that might exist after a disaster. Operators also demonstrated Amateur Radio to the general public and allowed Technician class licensees to try HF communications.

East Lake CERT

Participates

East Lake CERT licensed operators had two firsts: Heidi Termulo, KM4JSU, made her first HF contact (on 15 meters), and Ryan Saliga, KM4DOZ, also had his first HF contact (with W1AW, of all stations!). Saliga was so excited he couldn't remember the call sign he was to use for Field Day!

East Lake CERT meets monthly at East Lake Fire Station 57, in Palm Harbor, which is northwest of Tampa Bay. The CERT hosts a weekly communications training net on the W4AFC repeater.

CERT and Amateur Radio Together

The joint exercise bringing the Upper Pinellas ARC and East Lake CERT together showed the critical importance and public benefit of the relationship between programs like CERT and Amateur Radio. Participation was excellent. This mock emergency set-up for communication - Field Day -- every year hones skills so when participating groups are needed and activated, seasoned operators will be able to fill in gaps when other systems are overloaded or non-existent. Having an active CERT program in neighborhoods as well as a community of trained and practiced Amateur Radio operators bring major disaster response capability to the table. -- Andy Miller, KJ4FEC, Vice President, Upper Pinellas Amateur Radio Club, Florida

There are a number of radio communication services that are available to the average citizen (Family Radio Service, General Mobile Radio Service, and Multi-Use Radio Service are examples), but none come close to the breadth and depth of utility of the amateur service. Radio amateurs are found in almost every neighborhood across the country and should be key members of a neighborhood team. Without communications there can be no coordination. Without coordination, there cannot be an effective response mounted to potentially save the lives and property of you, your family members and neighbors.

Monday Night Club Sponsored Nets *kg4fur*

BRARA now runs three Monday Night Nets on the 145.290 MHz -0.600 [110.9] repeater:

- ⇒ BRARA New HAMS Net: **19:00-19:30**. Although designated a new HAM net, seasoned veterans are encouraged to get on the air and share their knowledge with the new HAMS on the 145.290 -0.600 P
- ⇒ BRARA Informational Net: **19:30-20:00**. This informal net fosters communication on topics of general HAM interest to include radio equipment & operation, club activities. Out-of-Area Amateurs may check-in via Echolink. Our Node is 826953.
- ⇒ South County NBEMS Net **20:00-20:30**. A digital message/analog voice mixed mode net designed for HAMS interested in learning and practicing digital message techniques.

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"

There are currently three NBEMS nets locally meaning three times the opportunities for NBEMers.

- ⇒ The South County NBEMS Net on the 145.290 -0.600 [PL 110.9] repeater **meets Mondays at 20:00**.
- ⇒ The PBC NBEMS Net on the 147.285 +0.600 [PL 103.5] repeater **meets Tuesdays at 19:30**.
- ⇒ Knights of the Round Table Simplex Net 146.550 **meets 1st & 3rd Saturdays at 10:00**.

Already on board in addition to BRARA, Wellington Radio Club and Knights of the Round Table are Broward EOC, Eagle Wings Foundation, Jupiter Lighthouse Radio Group, PBC Skywarn, Platinum Coast Amateur Radio Society.

It also works on GMRS, CERT, Red Cross and other frequencies.

Other Local HAM Repeater Nets

Tue 19:30 Boca CERT: 145.225 MHz
Wed 19:00 SC-ARES: 147.225 MHz
Thu 19:00 WX4SFL: 444.025/444.850

New Shack Committee

A committee was formed to supervise donations, planning, and implementation of the new shack trailer: K3LEW (Lew), W3EZB (Marcos), WA2VNV (George), WA8VSJ (Art), W4BFL (Jerry),

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 new BRARA Board of Directors:

K4LEW (Lew), **KG4FUR** (Gerry),
KO4XL (Bruce), **N4CGC** (Max),
W3EZB (Marcos), **W4BFL** (Jerry),
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.

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:

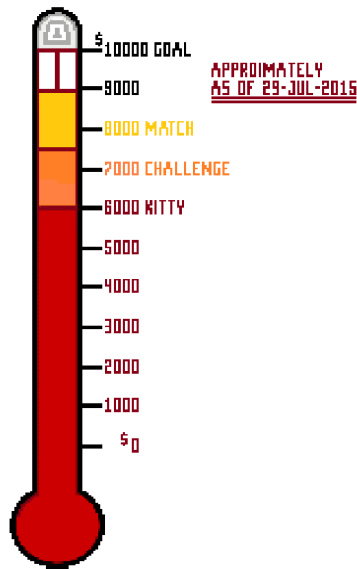
Walt Dreyfus, W4WCD
21512 Woodchuck Ln,
Boca Raton, FL 33428
(954) 481-5327

Progress on New & Larger Shack Trailer

As you are aware the Boca Raton Amateur Association is diligently working towards obtaining a larger shack building. Thanks to your participation the club has experienced a healthy growth (nearly 100 members) and as a result the current shack has outlived its capacity. We find ourselves cramped for space. The new shack will have better radio operation as well as social gathering areas. It is for this reason that we are appealing to the membership to consider making a Donation (which is totally tax deductible) towards the fund that the club board has set up For this endeavor. Mark your donation with the following: "BRARA Shack fund drive"

Member Donations have started to trickle in. Likewise, equipment sales are starting to come in. There is still a lot of planning and considerable thought needed before we get there.

Revised estimates are \$9K for the trailer and \$1K to install. We have about three quarters in the kitty. Any donations are appreciated.



We have a Challenge offer to match any new shack fund donation-matching. They will match, dollar-for-dollar, each new donation made to the fund, until BRARA reaches its goal or the end of the general meeting in September - whichever comes first. That is to say, this is a limited-time offer: Once the gavel comes down on September 1st, this matching offer goes away.



No Smoking

UNLESS YOU'RE A RADIO WITH A SHORTED CAPACITOR.

KA4EPS Repeater

This Florida Allstar Hub Repeater on 444.850 MHz is back on PL 110.9 Tx/Rcv. Please reprogram your radios.

This Lake Worth Repeater like the Margate repeater on 444.025 are linked for the WX4SFL Regional Skywarn Net on Thursday evenings beginning at 1930 (7:30PM local).

2016 Field Day Thoughts

In Field Day 2015, N4BRF made 403 CW and 805 SSB QSOs in the 2x power multiplier category, for a claimed score of 3222 in the 3A class. We also earned 1050 bonus points, for a total score of 4272. Our 557 QSOs on 20m SSB were the long pole in the tent, score-wise, along with the attention paid to bonus points.

In Field Day 2014, N4BRF made 882 QSOs and had a total score of 3474 so, assuming everything holds up, we did better than last year. Note that we won SFL last year.

Opportunities to improve next year: Pay closer attention to documenting our set-up, including having photos of the visitors information table. Many bonus categories require evidence, in the form of photos and/or sign-in sheets, to get credit; in some categories this year our evidence is only slightly above the "trust me" level. We also did a lot of work getting proclamations from elected representatives, only to discover that one gets no points for that activity (as useful as it may be, otherwise) -- visits by *invited* elected officials and agencies are what count. Finally, we lost a lot of points overnight on CW, compared to previous years.

Perhaps having the rules printed out and up on a bulletin board where people can read them during the event would help. (Ed, N4II)

Next year we should have separate committee Chairmen responsible for the various aspects of Field Day and not just one Chairman:

- 6m Phone
- HF Phone
- HF CW
- HF Data (non-CW)
- GOTA
- Power (Generators, Fuel, Pwr Pnl)
- Meals
- PIO and Visitor's Table
- Software and Computer
- Miscellaneous (Coax, Mics, Tools, Connectors, Fans, Tables)

(Gerry, KG4FUR)

Motion to Raise the Expenditure Limit from \$200 to \$500

Per our Bylaws in Section 6-Duties of President, he is empowered to accept funds and make disbursements subject to a \$200 limit. Expenditures greater than \$200 must be approved by the general membership at a general meeting.

We are starting to find ourselves in situations where the purchase price of Club and Shack items exceeds our limit and is delaying Board action, if not onerously restricting the Board of Directors from immediately acting.

The Board desires to increase the above limit to \$500.

Article 9.1, Amendment of Bylaws, requires a 2/3 affirmative vote of the BRARA membership responding in person to amend the bylaws. Proposed amendments must be made known to the general membership thirty days in advance via this Newsletter stating the meeting night in which the vote is to be taken. A simple show of hands vote is sufficient for all voting issues except for the election of Officers or special voting issues requiring paper ballots. Once the vote has been taken, it cannot be brought before the general membership again for at least one year following the initial vote.

This being said, this newsletter is being circulated before 1-August-2015 so that we adhere to the thirty day advance requirement for a 1-September-2015 meeting where the general membership will vote to on the motion to increase the spending limit to \$500.

(Gerry, 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.

Send your articles to:
KG4FUR@N4BRF.org

Ft Pierce ARC Hamfest

Start Date: 08/15/2015
End Date: 08/15/2015
Location: Indian River State College
KSU Building
3209 Virginia Avenue, Ft. Pierce, FL
Website: <http://fparc.org/>
Sponsor: Ft. Pierce Amateur Radio Club
Type: ARRL Hamfest
Talk-In: 147.345
Public Contact: Pete Amar, KD4SPW
PO Box 12086 Ft. Pierce, FL 34979
Phone: 772-465-5204
Email: kd4spw@aol.com

Free Laurel VEC Testing



Sun 13-Sep-2015, 1100-1300, Fire Station 28, 1040 RPB Blvd, Royal Palm Beach [PWARC] (1st Sunday of odd months).

Tue 11-Aug-2015, 1800-1930, Broward Gen MC, 1600 S Andrews Ave, Ft Lauderdale [BARC] (2nd Tue of every month).

Thu 13-Aug-2015, 1900-2100, Rutherford Com Ctr, 2000 Yamato Rd, Boca Raton, FL 33498 [BRARA] (Quarterly: Feb, May, Aug, Nov)

License Upgrades u2da

At the 18/25 July training session we had 24 registered students. On the Sunday Test session, 1 upgrade to General and 19 passed the Tech test.

KK4VFZ Alex Armfield to General

New Techs:

Kelly Armfield
Shanon Holiday
Michael Leopold
Michael Herbstman
Eric Von Seelen
Dennis Donahue Deborah Donahue
Alan Klein
Alan Fullilove Eric Fullilove
Ahmed Mian
William Garrison
Gustavo Betzer
John Quarquesso Jackson Quarquesso
Anthony Zaza
Michael Dropkin
James O'Reilly
Annette Beverly



Next testing session: 1900 Thu 13-Aug-2015, Rutherford Community Ctr, Patch Reef Pk, 2100 Yamato Rd.

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).

Welcome New Members:

Robert Bennett	WD4DUI
Joseph Faraguna	K2QNQ
James O'Reilly	WB2FOG
Alfred Brown	KK4KGE
Ralph Greenstein	W1HT
Steven Ostrove	K2SO

Web site hits: 20,000

For more on BRARA

www.n4brf.org

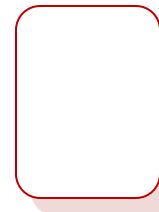
the Radio Flyer's Purpose

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!

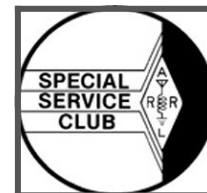


the Radio Flyer

5724 Regency Circle West
Boca Raton, FL 33496-2760



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



BRARA OPEN HOUSE

Date: 11/14/15

Time: 10:00 AM

- The Boca Raton Amateur Radio Association's third anniversary station open house Everyone is welcome Hams, family members, friends come on out for a fun day
- Talk in 145.29 (pl 110.9)

- Ham Radio
- Hot Dogs
- Burgers
- Drinks

We are also going to have a BRARA Club only Sale to get rid of some of our surplus Club equipment only.

BRARA CLUB SHACK LOCATION

**10875 W Atlantic Ave Delray Beach, Florida
33446**


WWW.BRARA.ORG

BOCA RATON AMATEUR RADIO
ASSOCIATION
21512 Woodchuck Lane
Boca Raton, Florida 33428

Phone 954-481-5327
E-mail N4BRF@N4BRF.ORG