



RF NEWS

June 2017

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Baton Rouge Amateur Radio Club

PO Box 4004, Baton Rouge, LA 70821

[brarc @ brarc.org](mailto:brarc@brarc.org)

| | |
|-----------------------|--|
| President | Jon Reise, WA9JBR |
| Vice President | Robin Hudson, KK5RH |
| Secretary | Todd Huovinen, AB5TH |
| Treasurer | Ken Shutt, W5KQ |
| Directors | Vernon Morris, AA5O Brook Samuel, N5DGK Daniel Smith, N5KHM Steve Irving, WA5FKF Dave Thomas, K5CGX Brett Hebert, KG5IQU Ty Mixon, KA1TY |
| Repeaters: | 146.790 - and 444.400 + (PL tone 107.2) Both Yaesu System Fusion |
| Nets: | Region 2 ARES Net Sundays 8:00 PM 146.790 (PL tone 107.2) BRARC Club Net Sundays 8:30 PM 146.790 (PL tone 107.2) 10 Meter Net Mondays 7:30 PM 28.450 MHz USB |



John Bel Edwards
GOVERNOR

Proclamation

- WHEREAS,** amateur radio operators provide service in support of first responders, officials and citizens of the state in preparing for, responding to and recovering from declared disasters; and
- WHEREAS,** amateur radio operators are alert and prepared for any emergency, local or national; and
- WHEREAS,** amateur radio operators act as trained weather spotters who report during severe weather events across the state, thereby assisting the National Weather Service with ground activity reports which can save lives; and
- WHEREAS,** amateur radio operators regularly assist with communications during times of natural disasters using their skills to help in reporting the weather events, to assist in shelter operations and to be available during rescue and relief activities, thereby helping to keep people and property safe; and
- WHEREAS,** by continuous learning and experimentation, amateur radio operators have helped to advance the science of electronics and radio related communications; and
- WHEREAS,** the American Radio Relay League's Field Day provides amateur radio operators the opportunity to practice their communication skills and test their preparedness.

NOW, THEREFORE, **I, John Bel Edwards,** Governor of the State of Louisiana, do hereby proclaim June 18 - June 24, 2017 as

AMATEUR RADIO WEEK
in the State of Louisiana.



*In Witness Whereof, I have hereunto set my hand
officially and caused to be affixed the Great Seal of the
State of Louisiana, at the Capitol, in the City of
Baton Rouge, on this 16th day of June*

A.D., 2017.


Governor of Louisiana

From The Editor



It has been a wonderful experience to be a part of an active and friendly radio club during this past year. Last year, I was still studying for my tech exam, had attended a couple of USS Kidd events, and was excited about attending Field Day even though I only knew how to push the button and talk. Thanks to BRARC, I am a happy, DX-chasing ham today.

Field Day is less than a week away, excitement is brewing all over North America, and operators have begun tuning up from remote locations. Many State and local governments have issued **Proclamations of Amateur Radio Week** during this week. Thank you to Gerard, W5TZX, for securing a Proclamation from Governor John Bel Edwards who has declared the week of **June 18-24** to be **Amateur Radio Week in the State of Louisiana**. Please share with your fellow hams, and clubs around the state.

On Tuesday, 30 May, the club met at HRPO for our annual Eat and Meet, and to discuss plans for Field Day. Everyone enjoyed good food, good conversation, and a good time.

Contact Dana Browne, AD5VC, if you would like to contribute equipment, perform a specific task, or need to operate at a specific time. Otherwise, just show up ready to help out and have fun. **Set-up begins at 8 AM**, and I'm sure that the antenna and tech crew would appreciate your help. **Operating times are 1:00 PM CST Saturday until 12:59 PM CST Sunday**. You read it correctly. We will be operating overnight, and consuming large amounts of sugary snacks and high octane coffee. Our Club Chef Robin, KK5RH, will expertly prepare the evening meal.

For new participants: I recommend that you bring a comfortable chair or seat cushion. Your back will thank you. Be sure to bring noise canceling headphones. It will be noisy inside the building.

I have submitted an invitation to the public that will be published in **The Advocate Community News on 22 June**.

Also Chris Kersey, KE5PQO, is promoting Field Day on the HRPO website and the Baton Rouge Astronomical Society Forum.

Wear red, white, and blue to coordinate with the American theme at HRPO.

Spread the word to promote awareness of amateur radio. Some people simply do not know what they are missing, and we must tell them before they run away.

Several operators participated in 2 special events on the USS Kidd on Memorial Day, 29 May, and Museum Ships Weekend, 3-4 June. **See Page 10.**

Continued on Page 4

From the Editor continued -

Dave Thomas, K5CGX, is scheduling operators for the next event on the **4th of July**. Due to the limits of my enthusiasm, I will not be joining those who choose to operate in a floating oven. I offer my personal thank you to Dan, KF5TQN, for replacing the light bulbs with LED bulbs that really turned down the heat.

The 3rd Quarter training meeting for ARES Region 2 was held at the EBRP Mayor's Office of Homeland Security and Emergency Preparedness on Tuesday, June 13, 2017, at 7 PM with 17 attendees. **See Page 7.**

We have officially entered the Atlantic Hurricane Season that is expected by the NHC to be an active season. Make your final preparations now, and check into the **LA ARES Region 2 Net on Sundays at 8:00 PM on 146.790 (PL tone 107.2)**. I also recommend checking into the **LA ARES Section HF Net** on Sundays at 7:30 PM on **3.878**.

We offer our deepest condolences to Buddy Brown, N5BUD, whose mother passed away on Tuesday, 13 June. Somewhere along the way, hams become family who share in all of the joys and sorrows of life together.

I will see everyone at Field Day. Please introduce yourself to me if we have not met.

- Jen, K5NMT

80th Anniversary Commemorative Name Badge

Example



Name Badges and Coffee Mugs
(known by the YL as ham bling)

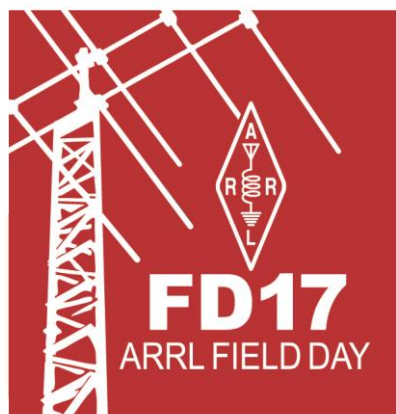
Available for Purchase from
Rick Pourciau, NV5A
The SignMan of Baton Rouge

Follow the link to place your order.

[The SignMan Badges and Mugs](#)



Field Day 2017



WWW.ARRL.ORG

June 24 – 25

**Highland Road Park
Observatory**

**Open to the Public
2 PM – 10 PM**

**Setup Time – Saturday
June 24 at 8:00 AM**

**Operating Times:
Saturday June 24 1:00 PM
until
Sunday June 25 12:59 PM**

**Contact: Dana Browne,
AD5VC**

**[Link to ARRL Field Day
Rules](#)**



22 June (Thurs) Camps on the Air
*See Page 8

24-25 June (Saturday and Sunday)
Field Day
Highland Road Park Observatory

27 June (Tue) Club Meeting 7:00 PM
Goodwood Library
Program Topic:
Planning a Basic Backyard HF Antenna
By Dave Redfearn, N4ELM

4 July (Tue) Independence Day
USS Kidd Special Event
9:30 AM – 3:30 PM

5 July (Wed) Board Meeting
Red Cross Building 6:30 PM

25 July (Tue) VE Testing 6:00 PM
***Red Cross Bldg**
4655 Sherwood Common Blvd
Baton Rouge, LA 70816

25 July (Tue) Club Meeting 7:00 PM
***Red Cross Bldg**
4655 Sherwood Common Blvd
Baton Rouge, LA 70816
Program Topic: *Emcom/Public Service/
Field Day Recap*



Fridays at Frank's in
Baton Rouge at 7:30 AM

Saturdays at James Grill in
Denham Springs at 6:30 AM

Hamfest Calendar

Official Hamvention Report from ARRL [Hamvention](#)

15 July

Slidell EOC Hamfest, Slidell, LA

[Slidell Hamfest Link](#)

12 August

Shreveport Hamfest, Shreveport, LA

[Shreveport Hamfest Link](#)

Contest Corral

July 2017

8-9 IARU HF World Championship

[Link to Rules](#)

[Link: ARRL Contest Calendar](#)

You're invited!

The BEARS Club of Morgan City has invited BRARC to their meeting on Saturday, July 1 at 10:00 AM. John Mark Robertson, K5JMR, ARES Section EC, will be their guest. The meeting was well-attended last year.

The location is 201 Everett Street, Morgan City – across the street from City Hall. For further information, contact Jackie, KA5LMZ.



VE Testing Dates

July 25

*Red Cross Building
on Sherwood Commons

October 31

Goodwood Library



ARES Region 2 Local EC Report

Membership

- # of Region 2 ARES registered locally is 66, an increase of 3 members since last reported;
- # of Region 2 LA ARES Section registered is 27, same as last month;
- # of Region 2 BRARC Club members registered is 32; 48.5%.

Region 2 Net

- 4 nets held since the last report with an average of 15 check-ins.

Training

- The 3rd Quarter training meeting was held at the EBRP Mayor's Office of Homeland Security and Emergency Preparedness on Tuesday, June 13, 2017, at 7pm, on Harding Blvd., Baton Rouge, LA. The program was co-hosted by Robert Hobbs, N5ULA, LA ARES Region 2 EC, and Dana Browne, AD5VC, presented NVIS Antenna Theory and Design for Emergency Communication. Robert Hobbs, N5ULA, conducted a show and tell of our EBRP Emergency Amateur Radio Communication Center. The program had 17 attendees who earned 1.5 CEUs.

Link: [LA ARES Emergency Op Plan](#)

By Michael Nolan, KD5MLD

Scouting



While K2BSA Amateur Radio Association, Scouts, Scouters, and interested parties, are preparing for the National Scout Jamboree in July, ***Camps On the Air*** will be active during the month of June across the Nation.

Our own local Council, Istrouma Area Council, amateur radio operators will be operating ***Camps on the Air on Thursday's, June 15th and 22nd***, as K5ASR from Avondale Scout Reservation in Clinton, LA.

The purpose of the one day event each week during summer camp is to allow Scouts and Scouters the experience of the fun and fellowship of amateur radio during the day and evening while at camp.

For more information, contact Michael J. Nolan.



Philmont On The Air! July 15-30

Scouters will activate Philmont Scout Ranch in Cimarron, NM from July 15-30 setting up an HF station on the front porch of the Trading Post.

They will concentrate on 17 and 20 meters as operations will be limited to daylight hours only. They should be on regular Scout frequencies of 14.290 MHz and 18.140 MHz USB.

Operators will not be using the K2BSA call sign but their own calls.



Chris Overbey, WA5DM, hosts a Radio Scouting Net on the second Thursday of every month. Time is 9 PM Central on Echolink *JOTA-365* (480809).

— By Elmer Tatum, N5EKF



Amateur Radio — Live from the Jamboree!

18-24 June

Not able to attend the 2017 National Scout Jamboree?

Here's how to engage with K2BSA and Jamboree participants as well as Jamboree visitors via amateur radio. Note — point your beam at West Virginia! The K2BSA QRZ.com page has been updated with the correct coordinates, QSL info, etc.

On the Air Frequencies:

SSB in MHz: 28.390, 24.960, 21.360, 18.140, 14.290, 7.190, 3.940

PSK-31 in MHz: 28.120, 24.920, 21.080, 18.100, 14.070, 10.142, 7.080, 3.580

EchoLink: K2BSA-R Demonstration Station (node 4566), WV8BSA-R VHF Repeater (node 6544), W6BSA-R UHF Repeater (node 9877), Conference *JOTA-365* (node 480809), Conference *JAMBO* (node 832996). ***Please connect via a conference for best results.***

D-Star: WV8BSA and Reflector 033A --- note that during the Jamboree WV8BSA is locked to REF033A, the dedicated Scouting reflector, to avoid problems with linking and unlinking with each operator's preferences.

CW: There will be limited operation on CW as time permits.

QSL routing info can be found on QRZ.com. There is also an online QSL request window on that page, SASE to K5ND will work, plus Logbook of the World will have all QSOs after the Jamboree.

Are you planning to attend the Jamboree as a participant, staff member, or visitor?

Here's how to engage with K2BSA while on site.

Be sure to stop by the K2BSA location in the Summit Center — demonstrations for Scouts, Radio Merit Badge workshop, and ARDF-Foxhunting. **Balloon launches on July 20, and 22.** International Space Station Contact to be scheduled. **Nightly nets on repeater frequencies at 7 PM Eastern.**

EchoLink and D-Star as show above and repeaters show below. Note that the D-Star repeater is locked to Reflector 033A, the dedicated Scouting reflector, to avoid problems with linking and unlinking each operator's preference.

| REPEATER | OUTPUT FREQUENCY | OFFSET | TONE |
|--------------|---------------------|----------|----------|
| 2 m Analog | 146.700 MHz | -600 kHz | 123.0 Hz |
| 70 cm Analog | 444.025 MHz | +5 MHz | 123.0 Hz |
| 70 cm D-Star | 441.8125 MHz | +5 MHz | N/A |

Summit Repeater Frequencies

APRS will be active and K2BSA will be on the air with CW at times.

— By Elmer Tatum, N5EKF



USS KIDD W5KID Special Events

Memorial Day
29 May 2017

Museum Ships Weekend
3-4 June 2017



USS KIDD W5KID Special Events

Operators Needed for



Contact Dave Thomas, K5CGX

Operating Schedule

Veterans Day
SAT 11 November

Pearl Harbor Day
THURS 7 December

Operating Opportunity for Potential and New Hams

- ✓ If you would like to arrange a date and time to operate on the USS Kidd, contact Jen, K5NMT. This is a great opportunity to gain experience operating a HF radio, and managing pile ups.

There were 8 operators on Memorial Day, and at least 10 operators and 2 military veterans “potential hams” who logged for us on Museum Ships Weekend. The official tally was 366 contacts. With the river reaching almost a historic high level, it became quite humorous to see everyone’s initial reaction when they felt the movement of the floating ship.



BRARC History Continued from March Issue of RF News

1960

The BR Award was inspired by Dr. John Hunter (W5DUU) and authorized by the club to honor Dr. David Hunter (W5DUU). No one can recall the exact year that this award began, but W5DUU is reasonably sure it was in the 1960's. This award is presented annually to someone who has made an outstanding contribution to ham radio.



DR David Hunter – W5DTL

1970



With the availability of many surplus commercial radios (like the famous “80-D” FM), there was no shortage of opportunity for hams. In the Baton Rouge Area, many of these rigs were converted to two meters and the first popular two meter repeater went up through the efforts of hams like Bill Mixon (K5SVD), Fred McMurray (WA5ZHD), and others. Bill and Fred worked in the Civil Defense Branch of City Parish Government.

The original “94” repeater was a split site system with the transmitter at the Old Civil Defense Office in the basement of the Old BR Junior High. This site was linked by a dedicated phone line to the receiver site atop the State Capitol building. Since everything in those days was crystal controlled, it was convenient to use 146.94/34 for repeaters in all the major cities in the state and surrounding states, too.

Little interference was experienced between those repeaters (except with band openings) since the systems in those days were not very long ranged. Early ham rigs for two meters were all crystal-controlled with 6 or more channels. Each channel required two separate crystals, one for transmit and one for the receive frequency. Every two meter ham radio in those days came with 146.94 crystals and 146.52 simplex.

By 1970, just about every ham in the Baton Rouge area had two meter FM capability. BRARC installed a second repeater on 146.88 and most hams used either 94 or 88. It was easy to get to know every ham in the area that had two meter gear. Al Heine (W5OVV) kept a list of those he came across. By the time the list grew to 50 or more, Al decided to make a Directory of 2 meter hams in the BR area. Perhaps a few of these Directories are still around.

The annual BRARC hamfest was moved to Father Colbert's Camp on the Comite River.

1972

In 1972 the club began meeting at Catholic High School. Al Heine (W5OVV) was one of the instructors who set up a station in the back of the Chemistry Lab. It was often used after lab sessions to let the students experience what ham radio is all about. The students later formed the Catholic High School Amateur Radio Club.

On December 7, BRARC amended its Articles of Incorporation.

1976

The Louisiana Public Service Commission directed South Central Bell Telephone to apply the residential tariff for the phone line at our repeater site. Previously the club was charged business rates for the line.

1978

The ARRL Delta Division Convention was held at the Baton Rouge Hamfest from May 5 to May 7.

1979



The 146.79 repeater was originally put on the air by Bob Taylor (WA5LBT) and the chosen frequency was not accidental. In 1979, the National ARRL Convention was held in Baton Rouge, at the Centroplex. For that occasion, Bob put the 79 repeater pair on the air and it was used for the talk-in repeater for the Convention. Later, Bob transferred that repeater to the BRARC and it has been the primary repeater for the Club since that time.



Stan – W5GIX

From the very beginning of ham repeaters, the importance of keeping operations within the FCC guidelines and rules has been a special concern. Repeater control operators were deemed to be very important. Stan Preston (W5GIX) was always listening and became the first official Control Operator.

Since he was always around following his retirement, Stan usually answered the call of hams passing through Baton Rouge. Often they had questions concerning traffic and locating addresses and the like. Stan had a very good knowledge of the streets and other information about BR. He got the reputation of being a very helpful person on the BR two meter repeater.

Ed: The following history of BRARC could not have been completed without the dedication of Al Heine (W5OVV) who published many articles in the RF New and our 50th anniversary directory in 1986. Al joined the club in 1947 and was an active member until his passing in 2009.

With Stan's passing, a second award was instituted by the Club and dedicated to Stan's memory. It became known as the **Stan Preston Good Samaritan Award**. Originally given at a banquet at the Hamfest along with the BR Award, the Club now awards both of these at the annual Christmas Banquet. After Stan became a Silent Key, the BRARC obtained his call as the official club call, W5GIX.



The main New Orleans repeater had another old and respected member who likewise served in the same capacity down there. He was Jake Bullock (W5GXO). Jake always turned that repeater off at 10:30 PM, then switched to the Baton Rouge repeater, and said, "Good Night, Baton Rouge".



BRARC Facebook Page

Please visit and "like" our BRARC Facebook page. You will find a link at the club's website: <http://brarc.org>.

We're using Facebook to keep the membership better informed in a timely manner about what's going on in your radio club. This page is also a good way for BRARC members to keep in contact with each other.

73,
Robin, KK5RH

BRARC Elmers

Buddy Brown, N5BUD

Keith Davis, KE5LVT

If you need assistance, please contact one of above. If you would like to be an Elmer, please contact the club secretary, Todd, AB5TH.

Radio Loan Program

Radios are available for loan to BRARC members for a 90-day period. The procedure is to complete the application available on our website, and pay the rental fee of \$20 for the HF radio, \$15 for the VHF base radio, and \$5 for the 2m/440 HT.

If you are newly licensed, we will assist you in determining the best antenna for your location and assist you in the construction and installation of your antenna. The cost of the antenna will be the responsibility of the borrower.

For Details, Pictures, and Loan Application:

Go to www.brarc.org, and click on the Radio Loan tab.



CW Slow Code Practice
Mondays ~ 10 meter net 28.450 USB
8:00pm