



RF NEWS

February 2017

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Baton Rouge Amateur Radio Club

PO Box 4004, Baton Rouge, LA 70821
Web: www.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

From the President

Happy Mardi Gras, and hope you are able to get out to enjoy a parade or two! This is a great time to live in Southern Louisiana and I find spring to be the most beautiful time of the year.

I hope you had the chance to attend the **SKYWARN** training last month presented by Frank Revitte of the National Weather Service (NWS). We had about 40 people in attendance, 90% of them were Amateur Radio Operators (AROs). We had Hams coming from as far as Hammond and Morgan City. BRARC was extended an invitation to tour the **NWS Forecasting Station in Slidell**. Thornton Cofield, K5HLC is now putting together a trip for a future Saturday. Stay tuned.

Brett Hebert, KG5IQU launched a new **Technician Class** at the Main Library in January. He currently has four students enrolled. Brett has changed the class syllabus and replaced the Gordon West question and answer format with a more instructional approach. Stop by on a Thursday night and refresh your knowledge of the Technician Class question pool.

The club's January meeting was well attended, with 38 members and visitors. Dick Burroughs, N5KIP presented a talk on optimizing the tuning of your HF receiver.

Dick ended the presentation with a hands-on demonstration of a transceiver setup using an outdoor antenna. The meeting was preceded by a VE Testing session in which seven people either obtained their first license or upgraded their license. The next exam session is **25 April**, so start studying for your upgrade now.

For you Technicians that want to experience the excitement of HF operating, mark your calendars for Wed, 29 March. We will again be activating W5KID on the **USS KIDD for Vietnam Veterans Day**. This would give you a chance to log or operate the station along with a seasoned ARO that can show you the basics of operating on the HF bands. Even if you are a General or Extra, come out and enjoy the excitement of working the pileups that always develop when W5KID gets on the air.

How many of you are still using paper logs or are confused about the vast array of software logging programs available? You will enjoy our February club meeting presentation. Gerard DuCote, W5TZX will be presenting **Ham Radio Deluxe** logging software program as well as several other logging programs. He will also give you a premier on the **ARRL Log Book of World** (LoTW). If you aren't using LoTW, you need to. It is becoming the preferred way of QSLing by more and more AROs.

Continued on Page 3

Remember that our meeting is on **21 Feb**, because of Mardi Gras the following week. Enjoy the pleasant outdoor temperatures and get those antennas tuned up before summer! We have a lot of events planned in the coming months, so I hope to see you at one of them.

73,
Jon, WA9JBR

80th Anniversary Commemorative Name Badge

Example



Club members will soon be able to purchase name badges directly from Rick Pourciau, NV5A
The SignMan of Baton Rouge

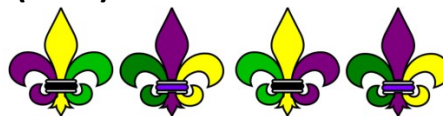


Upcoming Events

21 Feb (Tue) BRARC Club Meeting
Program Topic: **Logging Software** -
Ham Radio Deluxe Software/80th Birthday
Goodwood Library 7:00 PM

23 Feb (Thur) Technician License Class
Goodwood Library 6:00-8:00 PM

27 Feb (Mon) USS Kidd Activation



7 March (Tue) Board Meeting
Red Cross Building 6:30 PM

9 March (Thur) Technician License Class
Goodwood Library 6:00-8:00 PM

16 March (Thur) Technician License Class
Goodwood Library 6:00-8:00 PM

ARRL Contest Dates

March 2017

4-5 International DX- Phone
Is anyone planning to participate?

[ARRL Contest Link](#)

January 31 General Meeting "Adjusting Your HF Receiver"

You are encouraged to take this short article as a teaser to go to the website and spend 15 minutes perusing "[Adjusting Your HF Receiver](#)".

BRARC's general meeting attendees were treated to the forgotten and perhaps unread techniques of fine tuning a receiver to receive maximum signal reception. Dick Burroughs, N5KIP, delivered a masterful presentation on how and when to use most of your receiver's capabilities in pulling in those elusive signals. Appropriately titled, *Adjusting Your HF Receiver*, Dick went over some of the more obvious determinants to good reception such as having a good antenna (height and cut to frequency) which leads to "If you can't hear 'em, you can't work 'em".

Dick then led us into a rather nice learning slope when he introduced the use of AF and RF gain adjustments in lowering the noise floor. Most of us live in rather noisy residential subdivisions and this is one approach in dealing with signal to noise reductions. Dick spent a little more time in showing how to set the audio and receiver noise floors while letting the signals float above those noise levels. Other hints followed such as band listening using a wide filter and then narrowing in for the QSO. Another interesting topic Dick discussed was the role that ambient noise plays in covering signal levels. Human hearing has about a 100 dB range. We might have a noise level of 40 dBs where the transceiver is located: people talking, air conditioner running, etc. If we use headphones, we could reduce the noise level by 15-25 dBs, and even more so if the headphones are of high quality to at least 25 dBs. Combine encapsulating headphones with high quality headphones, and the noise could be reduced by as much as 40 dBs. Dick made the statement that once you regularly use headphones it's likely we will find your speaker listed on eBay.

There is a lot more to Dick's presentation and we can find his entire presentation listed on the club's website courtesy of Dick, N5KIP, and John, WA5MLF.

Article and photo submitted by Thornton Cofield, K5HLC

[Dick showing his homemade acoustic cavity filter.](#)



Baofeng UV5, UV82 Series HTs: Manual Programming Instructions

*Submitted by Michael J. Nolan, KD5MLD
(formerly WA5JSK), QCWA, Chapter 109*

Baofeng HTs have found their way into the USA market for amateur radio not only because of their low affordable price, but because of its versatility as a quality radio. The HTs do not need to be modified nor do you have to buy a different radio for GMRS operation. Programming can be challenge, but below are some simply steps to manually programming your Baofeng HT.

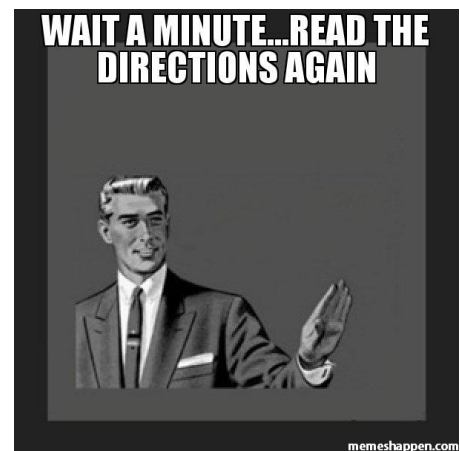
Change from Channel Mode to Frequency Mode, vice-versa:

- Turn HT off;
- Hold Menu button and turn unit back on;
- Unit will announce which mode it is in.

Programming a Frequency:

- **TRD** (Menu 7), how to turn **TRD** (Dual Watch/Dual Reception) to OFF: Press Menu, press 7, **TRD** to OFF, Menu, Exit;
- **Delete any Assigned Channels** (Menu 28) that you will be programming: Press Menu, Press 28, Press Menu, turn to the Channel you want to delete, Press Menu to confirm, then Press Exit;

- **T-CTCS** (Menu 13) is for programming frequency tone: Press Menu, Press 13, Press Menu, Enter PL Tone, Menu to confirm, Exit;
- **Input Receive Frequency** (Menu 27): Press Menu, Press 27, Press Menu, Enter Receive Frequency, Menu to confirm, Exit;
- **Input Transmit Frequency** (Menu 27): Press Menu, Press 27, Press Menu, Enter Input Frequency, Menu to confirm, Exit;
- **Simplex**: You do not need to program an **Input Transmit Frequency** as it will use the **Input Receive Frequency**.
- **Channel Mode**: Once you have returned from the Frequency Mode to the Channel Mode, press Channel number you wish to talk on.
- **Frequency Shift Direction (SFT-D, Menu 25)** is set to off along with **Frequency Shift (OFFSET, Menu 26)** which is set to 0.



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Things To Remember

- **TRD** (Menu 7) Turn **TRD ON** (Dual Watch/Dual Reception) once finished with manual programming.
- If there is **NO AUDIO**, check the Reception Digital Coded Squelch (**R-DCS, Menu 10**), is turned **OFF**. Also, check Reception Continuous Tone Coded Squelch (**R-CTS, Menu 11**) is set to the **right frequency tone**.

Source: "How To Easily Add a Channel on the Baofeng Handheld Radio (without a PC)", YouTube, Jonathan T. Young, KK4HOM, March 31, 2016.

Upcoming Hamfests

10-11 March

57th Annual Acadiana Hamfest, Rayne, LA
<http://www.w5ddl.org/hamfest/>

29 April

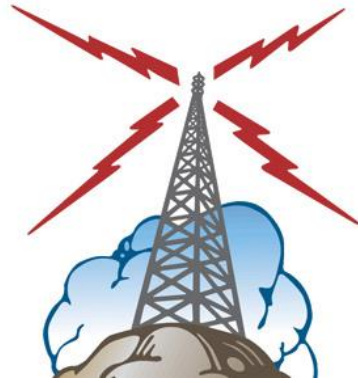
Northeast Louisiana Hamfest, Monroe, LA
<http://twincityhams.org>

19-21 May

2017 Dayton Hamvention, Xenia, OH
<http://hamvention.org/>

9-10 June

Hamcom, Irving, TX
<https://www.hamcom.org/>



RF Bytes

- See our **BRARC Website** at www.brarc.org to keep up-to-date on all the club happenings. Like us on Facebook and post a question or comment on www.reddit.com, search BRARC.
- **2017 Club Dues** are now being received by Ken Shutt, W5KQ. You can pay the \$25 by credit card, check, or cash at the Club meetings or by contacting Ken Shutt directly. And remember, you can pay for additional years and lock in the current rate.
- Our **membership application** has been revised and is now available on our Website Home and Contact page.

RF Bytes

- *Do you have an interesting topic for a 20 minute or 45 minute presentation at one of our meetings? Please contact Jon, WA9JBR with your ideas. We need you!*
- *Do you have **radio gear you want to buy or sell**? Members can place their ad in this newsletter free of charge. Just email Jen, K5NMT*
- *We now have **BRARC business cards** for members to hand out to the public to promote Amateur Radio and BRARC. Contact Thornton, K5HLC to get your cards.*

I PUT THE
THINGAMABOB INSIDE
THE WHATCHAMACALLIT,
TURNED THE
DOOHICKEY AND THE
WUTEVERITIS STILL
DOESN'T WORK.
ANY IDEAS?

Newsletter

**This space is for your topics
and discussion.**

- ✓ Have you participated in any contests?
- ✓ Any new equipment?
- ✓ Any life changing events?
- ✓ Accomplishments?
- ✓ Goals for 2017?
- ✓ Favorite activities around town?
- ✓ Unique call signs?
- ✓ Advice for new hams?
- ✓ Prized QSL cards?

I want to hear your stories.

**Contact Jennifer Bordelon,
K5NMT, newsletter editor,**

Baton Rouge Amateur Radio Club Hosts Skywarn Training

On January 24, 2017, the Baton Rouge Amateur Club hosted Skywarn training for the general public led by Frank Revitte of the National Weather Service. The training was held at the East Baton Rouge Public Library with over 40 persons attending. The two-hour training course focused on NWS severe weather classifications, and more importantly how and to whom to report weather occurrences which damage property and affect human lives.

Skywarn training was started in the 1970s when scientists became aware that they could not rely solely on Doppler radar and other non-human technologies to determine the severity of weather events, and how to quickly warn the public. By 2015 over 122 Weather Forecast Offices from around the U.S. offered training in the Skywarn program.

Revitte spent the next 2 hours delineating how to properly identify and report weather events such as tornadoes, flash flooding, wind formation, cloud types, and also types and severity of property damage. The training was conducted through photos and videos of actual weather events and discussions with individuals who experienced extreme weather phenomena. A Weather Spotter's Field Guide was passed out and a question and answer period followed. Frank reiterated the importance of field spotters in providing ground confirmation of the weather patterns and activities the Weather Service interprets through electronic means.

Mr. Revitte concluded the presentation by restating that the overall goal of the Skywarn Program is to provide better understanding of weather patterns and to improve early weather warnings to the general population.

For further information please visit www.srh.noaa.gov/lix and www.brarc.org

- Submitted by Thornton Cofield, K5HLC



Steve WA5FKF, Frank Revitte, Dan KF5TQN, Jon WA9JBR, Chris KE5PQO



Avondale Scout Reservation Radio Society K5ASR

It's official. The Istrouma Area Council of the Boy Scouts of America has a radio group called the Avondale Scout Reservation Radio Society. To boot, their call sign is K5ASR. They are active on radio bands when there are events at the Rez. The Rez is Avondale Scout Reservation located 3 miles east of Clinton, Louisiana, on LA Hwy 10. Their purpose is to promote electronics, radio, and computer merit badges. Utilizing amateur radio in the outdoors, the society experiments, communicates and provides communication service to their units and communities when requested. The Society is made up of amateur radio operators who have active FCC amateur radio license along with electrical engineers, computer technicians, broadcasters, and other support communication specialists. They are registered Scouts and Scouters who have a common interest in providing programs to the Scouts. Membership is open to all youth & adults.

For more information, contact Michael J. Nolan.

Invitation to Celebrate 100 Years of Scouting K2BSA/5



Please accept this invitation to join us at the BREC Fairgrounds on Airline Hwy, Baton Rouge, to celebrate 100 years of Scouting in the Baton Rouge area, **March 25, 2017**. The Istrouma Area Council encompasses 13 civil parishes and 1 county in Mississippi that provide services and programs for the youth in our communities. To commemorate, K2BSA/5 call sign has been issued. Amateur radio operators who are or were Scouts or Scouters are invited to operate. If you were not a Scout or Scouter, you are welcome as well to visit and see what the K2BSA Association is doing for the Scouting Movement.

If you would like to assist with the station demonstration and operation, please contact
Michael J. Nolan.



New Approach to Learning Morse Code

CW has a number of advantages for the amateur radio operator. The necessary learning curve, however, is not one of them for most of us.

For a unique approach on learning code, follow this [Link](#). It describes a “semiconscious” method published in *Scientific American* magazine.

Listening to my CW, one could be forgiven to think that it may somehow be related to a semiconscious state!

73,
Dick, N5KIP

BRARC Elmers

Dick Burroughs, N5KIP
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.

Technician License Classes

Classes for the Amateur Radio Technician License will be held weekly on Thursdays from **January 26 through April 13, 2017**. A schedule of topics will be added to the website when finalized. The class location is the Technology Lab at the EBR Main Library, 7711 Goodwood Blvd.

For more information, contact:
Brett Hebert, KG5IQU

Follow this [Link](#) to register:



Robin Hudson, KK5RH, presented the January 31 general meeting raffle proceeds to winner Dan Lott, KF5TQN. At each meeting, members can purchase Club Fund Raiser raffle tickets for \$1. The winner and the Club split the collections.



Louisiana ARES Region 2 Emergency Net Update



Since last month, Region 2 ARES has held Sunday evening nets on the 146.940, PL 107.2, EBRP ARES repeater. Unfortunately, the receiving sensitivity seems to be an issue as most stations were reporting that they

were hearing transmissions intermittently. Robert Hobbs, Region 2 DEC and a director of the EBRP Radio Shop is investigating the issue. As soon as we have his report, we will share it with the Region 2 AROs. In the meantime, ***the LA ARES Region 2 Emergency Net will be held on the 146.790, PL 107.2 repeater. During activation, it will be the primary repeater for net control unless you are notified otherwise.*** I, personally, want to thank the BRARC Club Officers & Directors for their support.

Through the end of January, the net was averaging 14 check-ins. The net roster has 56 emergency amateur radio operators (EAROs) listed with an increase of 6 EAROs since last month. However, only 32 are listed with the Louisiana Section ARES group. Only 4 of the 6 new EAROs are listed with the Section (STATE). If you are checking into the nets, please register. Click on ARES at laarrrl.org and, then, click on **ARES REGISTRATION**. Be sure to list yourself as new as the system was purged in order to update the system. You may also want to join Facebook or Google to get the latest Section information. There are no costs or mandatory public service requirements.

Presently, our Region 2 net is looking for a net controller for the 4th Sunday of the month. The Net Controls are:

- 1st Sunday: N5KHM - Daniel
- 2nd Sunday: KK5RH - Robin
- 3rd Sunday: KD5MLD - Mike
- 4th Sunday: OPEN
- 5th Sunday: W5CGX - Dave

Please contact Michael J. Nolan, if you are interested in becoming a net control station for the LA ARES Region 2 Emergency Service Net.

ARES Region 2 Quarterly Training 24 Jan 2017

The Skywarn session in January was our Region's quarterly training. The session was well attended by both BRARC club members that hosted the session as well as the Region 2 ARES members. Refer to page 7 for details. **To report severe weather to the NWS New Orleans-Baton Rouge office in Slidell, contact Ron Rivière, WB5CXJ, at 985-640-5858.** Advanced training will be scheduled in the next few months and will be at the EBRP Mayor's Office of Homeland Security & Emergency Preparedness on Harding Blvd in Baton Rouge. You will receive a notice when the training will be held.

ARES Region 2 1st Quarter Exercise 4 Feb 2017

Our quarterly simulated exercise and test of our Region 2 response on Saturday, February 4, 2017, was held with 23 EAROs checking into the net. The scenario was a severe weather low pressure system that stalled over Baton Rouge and moved slowly to the northwest affecting most of Region 2. *The goal of the exercise was to establish emergency communication nets utilizing amateur radio VHF/UHF band repeaters while recruiting emergency amateur radio operators (EAROs) to provide requested emergency communication for our served agencies in Region 2.*

The measureable objectives of the exercise were:

- To establish a communication link with served agencies (NWS New Orleans - Baton Rouge, Capital Area Chapter of the American Red Cross, EOCs of the parish governments in Region 2), threshold 100%;

ARES Update Continued -

- To document emergency communication utilizing ICS 205, ICS 213, ICS 214, ICS 309; threshold 100%;
- To provide EAROs to our served agencies as requested, threshold 95%.

The results from the exercise demonstrated a favorable response.

Our roster listed 55 EAROs, and 23 checked into the net. The response was 41.8% due to the availability of EAROs who were contacted by email and the phone tree callout when the Region was activated.

The threshold reached for establishing a communication link was 62.5%. While Red Cross's message requesting 8 EAROs was met (100%), the Region 2 Parishes EOC threshold was only 62.5% met. Ascension, W. Baton Rouge, and W. Feliciana EOCs did not have EAROs.

The Region 2 ARES leadership recognizes that the parish EOCs are an area of improvement that must be prioritized during an activation.

Finally, the use of ICS 205 (Radio Communication Plan) by net control along with the message forms (ICS 213), the activity log (ICS 214), and the Communication Log (ICS 309) were documented and meet the 100% threshold. Evaluation of EAROs using ICS 213, ICS 214, and ICS 309 could not be measured.

NOTE: One of the areas discussed for improvement after our 1st quarter drill was regarding manual phone call follow up notification after initial email alert. Presently, the LA ARES Region 2 Net Controllers are making the calls which are time consuming. We are replacing manual phone calls with text messaging notifications. If you want to receive a text message, please **forward your cell phone carrier to kd5mld**. The information will not be public, but will be used only to notify you of an alert and/or activation for emergency amateur radio communication.

USS Kidd Operating Events

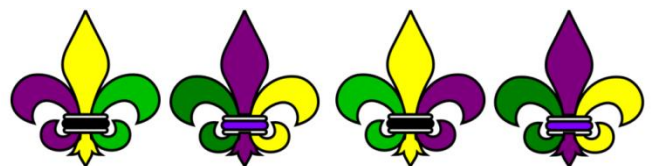


**Visit W5KID on QRZ.com for
Complete Operating Schedule**

Operators Needed

WED 29 March
Vietnam Veterans Day

For more information, contact
Dave Thomas, K5CGX.



**Laissez les bon Temps Rouler!
Aboard the USS Kidd
On Lundi Gras**

MON 27 Feb

Contact Jen for details at (225) 603-4922



PIO/Outreach Report

At our November 7, 2016, Outreach committee meeting; Gerard, W5TZX, and Robin, KK5RH, presented an outline of their plan for the club's 80th Anniversary. They asked the Outreach committee for our help and we accepted. We were to get back at a later time once a written outline was presented.

Thornton contacted the Public Affairs Office of the East Baton Rouge Goodwood Library and requested that a short informational bulletin about the upcoming Technician Class training be placed in EBR Library's *The Source*. *The Source* has a distribution between 7,500 to 8,000 copies that is sent to all the libraries as well as being mailed to retired librarians. Copies of *The Source* listing all the activities taking place in all the EBR libraries for the month can also be found at every library for the benefit of library patrons.

An Introductory Information Packet to Amateur Radio and to BRARC is being developed by the PIO. This packet will be distributed to everyone who passes the FCC license exam under BRARC's VEs as well as to new club members. Its goal will be to personalize our outreach efforts to new radio operators as well as to experienced radio operators who join BRARC by highlighting club functions, member expertise, and little known seemingly trivial facts that make amateur radio so interesting.

Your thoughts on this would be appreciated.

Thornton H. Cofield, Jr, K5HLC

Hammond Hamfest



I was among at least 12 members of BRARC who attended the Hammond Hamfest. I was excited to attend my first Hamfest. The venue was well-maintained and spacious with several meeting rooms. Everyone was friendly, and it was great for me to experience the camaraderie shared among hams outside of my club. I saw many satisfied shoppers, and I bought my first name tag because everyone kept looking for it when I introduced myself.

Several club members attended the ARRL ARES Forum directed by LA Section Manager, Scott Wren, KD5DFL; Adam Tamplain, KD5LEH; and Mark Robertson, K5JMR. They provided an introduction to LA ARES, and summary of recent activations. Some of you may remember John Mark, K5JMR, who helped us during the 2016 Flood.

As a new ham and ARES member, I recognize the value of the required training. I volunteered during the 2016 Flood although I had not yet attended training because I wanted to meet a need. My mentor voiced his concerns, but I chose to help. Providing communications in the shelters was as chaotic as it was rewarding. Attending training and checking into our local nets have prepared me to operate confidently during the next disaster. It's only a matter of when.

We concluded our trip with a delicious lunch at Don's Seafood in Hammond because any gathering in Louisiana requires a good meal. I highly recommend the Shrimp and Grits.

73, Jen, K5NMT

SELARC logo used by permission

ARRL Reports



This topic has led to interesting discussions with strong opinions. (Editor)

“The ARRL Board of Directors is seeking opinions from the membership concerning a possible new entry level class of amateur license in the United States. Hence, I would like to draw your attention to a survey we are conducting and encourage everyone to take it if you have not done so already.

The result could mean changes to the Technician license, but it could also be an additional, but simpler, license with privileges that would give a newcomer a taste of most facets of ham radio from HF to VHF and UHF. It would be reminiscent of the old Novice ticket.

The link to the survey is:
<http://www.arrl.org/license-1>
or it can be accessed through the ARRL website.”

ARRL Delta Division
Director: David A Norris, K5UZ

- **Consider also submitting your opinion to the editor.**

Youth DX Adventure Essay Contest Winner Bryant Rascoll, KG5HVO

“Twelve-year-old Bryant Rascoll, KG5HVO, of New Orleans, is the winner of The Dave Kalter Youth DX Adventure (YDXA) essay contest. Not only did he receive a transceiver, 50 feet of coax, a power supply, and a vertical antenna, he’ll be headed to Costa Rica this summer to take part in the YDXA DXpedition.

YDXA co-founder Todd Dubon, KD4YHY, made the award presentation at the January 26 meeting of the Jefferson Amateur Radio Club — Bryant’s home club.

Bryant got his ticket in May 2015, after being introduced into Amateur Radio through the Boy Scouts Radio Merit Badge program. He’s chasing DXCC on phone and is a budding CW contester. I had the pleasure of meeting Bryant last November at the Greater New Orleans Hamfest.

Congrats again Bryant!”

ARRL Delta Division
Director: David A Norris, K5UZ

**[FCC Invites Comments on ARRL
Petition to Allocate New 5 MHz
Band](#)**

2016 BRARC Stan Preston Award Recipients

The Hebert Family Brett, KG5IQU and Synomen, KG5IRS Brynn, KG5KRV and Logan, KG5LLM



The Hebert Family and Jon Reise, WA9JBR

At the January club meeting, the Hebert family received the Baton Rouge Amateur Radio Club's Stan Preston Award in recognition of Good Samaritan activities by their outstanding participation in the ARRL National Parks on the Air amateur radio event.

The Stan Preston Award is awarded annually to a club member that has demonstrated continued "Good Samaritan" activities through Amateur Radio, a quality exhibited by Stan Preston, W5GIX, a charter member of the club. When Dr. Preston became a Silent Key, his family gave permission for the Club to remember him by assigning his call, W5GIX, to the club station.

If you are around Hams you quickly realize that the Amateur Radio community is a family. If you were around the Baton Rouge Amateur Radio Club in 2016, you had the opportunity to meet a family of Hams, the Heberts. Brett, KG5IQU and Synomen, KG5IRS were licensed in July 2015.

Their daughter Brynn, KG5KRV, and son Logan, KG5LLM obtained their licenses in December 2015 and February 2016, respectively.

The Heberts are a welcome addition to the club. It is not uncommon to hear Brynn successfully working a pile-up or Synomen operate as net control for the Monday night 10 meter net. Brett and Logan often help with other club activities such as the licensing classes. Field Day 2016 saw the Heberts utilize their "newly licensed" status on the GOTA station. Brett serves as a BRARC board member, and the whole family chips in to help him as the club's QSL manager. Both he and Synomen serve as VEs and assist with exams.

The Heberts' impact on the RF Spectrum was best observed during the ARRL National Parks on the Air year-long event. Brett led the club's efforts, and participated in over 40 activations. The family activated from 15 unique locations across 5 states.

The Heberts express their gratitude, and extend their thanks for the support received from club members and other local hams.

"Brett and I are grateful for this honor, and are thankful for the opportunity amateur radio provides to encourage our children's interest in both science and communication."
Synomen, KG5IRS

"It's a good way to get the family together outdoors. I appreciate all the encouragement we've received from local amateur radio operators across Louisiana, Mississippi, and Texas. I should have known we'd travel with Amateur Radio when Synomen and I hit the road with the family to pursue our upgrades.

Continued on Page 16

Stan Preston Award Recipients Continued

During that first week we were in Slidell, Sulphur, and Houston. Brynn passed her exam in Hammond. Logan brought it back home, and got his in Baton Rouge. Those experiences reinforced the helpful nature of those involved in amateur radio. I'm thankful that my family has the opportunity to contribute." Brett, KG5IQU

"I think it is great to learn about different places, and communicate with people that live there. I enjoyed the challenge presented by getting my license, and look forward to upgrading. I am a third generation amateur radio operator continuing a tradition started by my paw paw, WB5WBL. It is a fun thing to do when I am not dancing." Brynn, KG5KRV

"I had fun visiting all the different parks, especially the ones where we could swim and climb trees. It is exciting when we would make a contact with a far-away place like Alaska." Logan, KG5LLM

It is families like the Heberts and others in our club that help make the Amateur Radio community such a successful family. Together they demonstrate the Service, Progress, Friendly, and Balanced attributes expected of all Amateur Radio Operators. The Baton Rouge Amateur Radio Club congratulates the Heberts, and looks forward to other members continuing the Good Samaritan tradition set forth by Stan Preston, W5GIX.

Photo by Thornton H. Cofield, Jr, K5HLC

BRARC Breakfast



**Club members meet for breakfast weekly
Fridays 7:30 a.m. at Frank's on Airline Hwy in
Baton Rouge,
And Saturdays 6:30 a.m. at James's Grill in
Denham Springs.**

Everyone is welcome to attend. I decided to show up at Frank's, and had a great start to my day. I really enjoyed the company, casual conversation, and advice. I usually run out of time after our meetings to speak to everyone.

Who else wants to listen to "ham talk" especially in the morning? Have you seen the look of boredom or desperation in your spouse's and friends' eyes as you try to explain the mysteries of ham radio over coffee? I take advantage of every opportunity to listen and learn. I'm happy to finally be able to follow and contribute to a conversation with some intelligence.

So come join in if you need to talk to someone who cares about your rigs and wires, QSL card collection and wall paper, and chasing DX. Chasing "what and why?" I am guaranteed to not have to answer if my "husband is okay with my talking to random strangers."

I will see you again soon at Frank's. The James's gang will have to carry on without this girl who enjoys sleeping late on Saturday.

73,

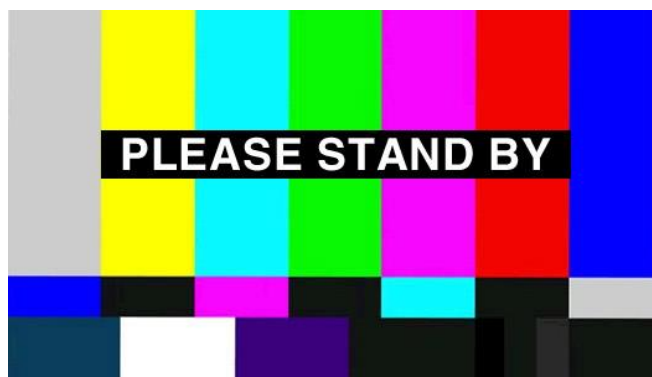
Jen, K5NMT

Answers to the Quiz in RF News January Issue

By H. Ward Silver, N0AX

1. c -- Invented by Copthorne Macdonald, VE1BFL, in the early 1960s, SSTV is even incorporated in some handheld VHF radios.
2. c -- LDEs are spooky phenomena that are not completely understood, even today.
3. b -- W5LFL transmitted from the space shuttle in 1983.
4. a -- Parametric amplifiers use the nonlinearity of diode junctions to amplify signals.
5. d -- The infamous "200 meters and down" region was supposed to be an exile for amateurs, but it turned out to be quite the opposite!
6. a -- TE was not considered possible at VHF until amateurs found it.
7. c -- Grote combined a love of astronomy and Amateur Radio, creating an entirely new way of "skywatching."
8. d -- Joe Taylor, K1JT, wrote the *WSJT* software that has brought EME (Earth-Moon-Earth within reach of amateurs with modest stations.)
9. c -- The Winlink system uses a network of "mailbox" stations linked to servers via the Internet to provide e-mail service to traveling hams and for disaster response communications.
10. d -- Bob's 1948 "Gon-Waki" operation as VP7NG (Bahamas) was the first modern DXpedition.

Bonus Answer: The Automatic Packet Reporting System (**APRS**) was invented by Bob Bruninga, WB4APR.



Coming Soon

**80th Anniversary
Commemorative Certificates
and
Logo Embroidered Clothing**



I highly recommend visiting this website or joining the Facebook Page. I have enjoyed interacting with this group of friendly, helpful, enthusiastic hams. Thanks to Robin, KK5RH, who recommended the Facebook Page to me. [Website](#) and [Facebook](#).

- Jen, K5NMT

Logo used by permission from Christian Cudnik, K0STH

Silent Key
Jim Scott, K5AFB

Jim Scott, K5AFB, passed away on Wednesday, 15 February.
You may view his [Obituary](#) published in the Advocate.
We extend our heartfelt condolences to his family and friends.

VE Testing Dates

At Goodwood Library

April 25
October 31

*July 25
Red Cross Bldg

Radio Loan Program

Visit BRARC.org for
More information and
Application.

Before You Go

Be sure to review the following
articles that may need your
attention.

Page 3 - ARRL Phone DX Contest

Page 4 - Link to Dick's presentation

Page 7 - Newsletter Ideas

Page 12 - USS Kidd activation on 27
Feb

Page 13 - New Member Information
Packets

Page 14 - ARRL Survey

Until next time,
73, Jen, K5NMT