



# R F News

November 15, 2016

## From The President

This month's meeting includes elections of club officers and board. The nominating committee nominated the following: President Jon (WA9JBR), Vice-President Robin (KK5RH), Treasurer Ken (W5KQ), Secretary Todd (AB5TH) and for the single open board position Ty (KA1TY). There were no nominations from the floor at the October regular meeting.

Also at the November meeting, Brook (N5DGK) will discuss generators and battery power and I will give a presentation on adjusting AF and RF gain on HR receivers.

The club's annual holiday luncheon will be held on December 10 at Mike Anderson's restaurant on Lee Drive. New officers and board members will be inducted and club awards presented. Our speaker will be Tom Answell, a local author and commentator. Watch your email for an invitation with further details.

BRARC was formed in 1937 and next year marks our club's 80<sup>th</sup> anniversary. Gerard (W5TZX) will be heading up a committee to organize our celebration. Stay tuned for details. I'm sure Gerard would appreciate some help on this committee. Please let him know if you are interested.

73, Dick N5KIP

## Upcoming Events Calendar

11/29/2016-Monthly Club Meeting. Program topics include:

Battery and Generator operation-Brook (N5DGK)  
AF and RF Gain adjustments-Dick (N5KIP)

Prior to the programs will be the annual election of club officers for 2017.

12/6/2016-Monthly Board Meeting-Red Cross Bldg.  
6:30-8:00 PM

12/10/2016-Annual BRARC Holiday Banquet. See page 7 for RSVP Info.

## Baton Rouge Amateur Radio Club

PO Box 4004, Baton Rouge, LA 70821  
Web: [www.brarc.org](http://www.brarc.org)

<b>President</b>	Dick Burroughs, N5KIP
<b>Vice President</b>	Jon Reise, WA9JBR
<b>Secretary</b>	Todd Huovinen, AB5TH
<b>Treasurer</b>	Ken Shutt, W5KQ
<b>Directors</b>	Vernon Morris, AA5O Brook Samuel, N5DGK Daniel Smith, N5KHM Steve Irving, WA5FKF Dave Thomas, K5CGX Brett Hebert, KG5IQU Robin Hudson, KK5RH
<b>Repeaters:</b>	146.790 - and 444.400 + (PL tone 107.2) both Yaesu System Fusion
<b>Nets:</b>	BRARC Club Net - Sunday 8:30 PM 146.790 (PL tone 107.2) Ten Meter Net - Monday 7:30 PM 28.450MHz USB Region 2 ARES Net Sundays 8:00 PM 146.790 (PL tone 107.2)

# ***RF Bytes***

*Members, whose station were affected by the floods, can check out equipment from our Radio Loan Program with the rental fee waived. We know this is a small consolation to the members that flooded, but we want to do what we can to get you back on the air quickly.*

*Jon Reise, WA9JBR*

*Our membership application has been revised and is now available on our Home and Contact page.*

Jon WA9JBR

“I wanted to thank you guys for hosting us Monday. Everyone was friendly to the new guys which is always a plus. I have virtually no knowledge of electronics or radios since my background is all in business. I'll definitely be coming to meetings to figure out what I'm doing. Of course, most of it is way over my head anyway but every bit of knowledge is good knowledge. “

Todd Young

“I really enjoyed operating at the USS Kidd on several occasions, and am happy to be included in the recognition. It is a great opportunity for a prospective or new ham to gain experience. I worked a pile up with Chad for almost 2 hours, and there has been no turning back.

Thank you all for your time and patient instruction, and for welcoming me into the club.”

73,

Jennifer Bordelon  
KG5OSN

## Do You Have Topics or Suggestions for the RF News?

Do you have pictures, articles, links or other ham radio related items for inclusion in the RF News?

Contact the club secretary, Todd (AB5TH).

### 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.

## BRARC Facebook Page

If you haven't done so, 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

## VE Questions

November

Tech

T1B06 (B) [97.301(a)]

Which 23 cm frequency is authorized to a Technician Class licensee?

- A. 2315 MHz
- B. 1296 MHz
- C. 3390 MHz
- D. 146.52 MHz

General

G0A01 (A)

What is one way that RF energy can affect human body tissue?

- A. It heats body tissue
- B. It causes radiation poisoning
- C. It causes the blood count to reach a dangerously low level
- D. It cools body tissue

Extra

E9A13 (A)

How much gain does an antenna have compared to a 1/2-wavelength dipole when it has 6 dB gain over an isotropic antenna?

- A. 3.85 dB
- B. 6.0 dB
- C. 8.15 dB
- D. 2.79 dB

# *Radio Loan Program*

## *Baton Rouge Amateur Radio Club*



Are you a newly licensed Technician, who would like to operate VHF before investing in a radio? Maybe you've upgraded to General and want to experience the HF bands before you decide on a transceiver to purchase. Members may want to operate portable, but don't have the equipment. If that's the case, this program is for you.

Radios are loaned to BRARC members for a 90-day period – just like checking a book out from the library. All that is required is that you are a current member, completion of the application, and payment of the \$20 rental 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.

The available radio packages are:

- **Icom IC-730 HF Transceiver** with power supply, microphone, external antenna tuner, and G5RV antenna.

5 bands, 100 W, SSB, CW, AM

Receive only on 30, 17, and 12 meter bands

Pass Band Shift Control, Noise Blanker, VOX, SWR meter



- **Icom IC-2100H VHF FM Transceiver** with power supply, microphone, and external magnetic mount 144 MHz mobile antenna.  
2 meters, 55 W (4 power levels), 200 memories with scanning, WX alert, aviation frequencies (118 – 136 MHz).



- **Yaesu FT-50R Dual-Band Hand-Held Transceiver** with NC-60B charger.  
2 meters / 70 cm TX & RX  
76-200, 300-400, 400-540, 590-999 MHz RX  
5 W (4 power levels) output



**To participate in the Program**, download the [application](#), fill it out and send it to [brarc @ brarc.org](mailto:brarc@brarc.org) . One of the club's mentors will contact you to discuss the antenna options for your station and to arrange the next steps. If there is more than one request for a radio, preference will be given to those who have the least experience with HF or VHF operating.



**The Baton Rouge Amateur Radio Club**  
**Cordially invites you and your family to**  
**The 2016 Christmas Banquet**

**Saturday, December 10**  
**11:30 a.m. – 2:00 p.m.**

**Mike Anderson's Seafood**  
**1031 West Lee Drive**  
**Baton Rouge, Louisiana**

**Featuring Guest Speaker Tom Aswell,**  
author, political blogger, and publisher of  
Louisiana Voice. He will speak on his book  
*Louisiana Rocks! The True Genesis of Rock and Roll.*

**RSVP # of attendees**  
**By December 6<sup>th</sup>**  
**To Todd Houvinen**  
**AB5TH**



## BRARC EQUIPMENT AVAILABLE FOR LOAN

ITEM DESCRIPTION	MFG	Model #	SERIAL #	LOCATION	AVAILABILITY
Antenna Analyzer (Flood Damaged)	MFJ	259		K5DFD	No
Bandpass Filter 10m	W3NQN			K5DFD	Yes
Bandpass Filter 15m	W3NQN			K5DFD	Yes
Bandpass Filter 20m	W3NQN			K5DFD	Yes
Bandpass Filter 40m	W3NQN			K5DFD	Yes
Bandpass Filter 80m	W3NQN			K5DFD	Yes
Crimping Tool	West Mountain Radio	Power Crimp		K5DFD	Yes
FM Deviation Meter	Lampkin		185	K5DFD	Yes
Power Supply (13.8V @ 20A)	Icom	PS-55	5194	K5DFD	Yes
Kit Building Tools				K5DFD	Yes
Power Supply (12 V/A)	ER	PS-104		K5DFD	Yes
Wattmeter	Bird	43	127199	K5DFD	Yes
5w Slug				K5DFD	Yes
50w Slug				K5DFD	Yes
100w Slug				K5DFD	Yes
250w Slug				K5DFD	Yes
1000w Slug				K5DFD	Yes
2500w Slug				K5DFD	Yes

### RADIO LOAN PROGRAM

160M-10M HF Transceiver/941C Tuner	Icom/MFJ	IC-730		WA9JBR	Yes
2M mobile rig	Icom	IC-2100		WA9JBR	Yes
				KG5OSN	No
Dual-Band HT	Yaesu	FT-50			

**David Ducote (K5DFD) Cell (225) 603-0801**

## Keep Up to Date on BRARC Events

Now use our new BRARC Google calendar to find out about upcoming club events. Click *Calendar* on the drop down menu on our home page, [www.brarc.org](http://www.brarc.org). We are posting events through 2016 as they become available. If you have an event you want posted, contact our webmaster John Krupsky, WA5MLF.

The screenshot displays the BRARC website with a Google Calendar integrated into the layout. The calendar is for June 2016 and shows the following events:

Date	Event
June 30	4pm Club Meeting
July 1	6pm Technician LI 7:30am Breakfast
July 2	10am USS Kidd
July 3	6pm Technician LI 7:30am Breakfast
July 4	Field Day
July 5	6pm Technician LI 7:30am Breakfast
July 6	6pm Technician LI 7:30am Breakfast
July 7	6pm Technician LI 7:30am Breakfast
July 8	6pm Technician LI 7:30am Breakfast
July 9	6pm Technician LI 7:30am Breakfast
July 10	6pm Technician LI 7:30am Breakfast
July 11	6pm Technician LI 7:30am Breakfast
July 12	6pm Technician LI 7:30am Breakfast
July 13	6pm Technician LI 7:30am Breakfast
July 14	6pm Technician LI 7:30am Breakfast
July 15	6pm Technician LI 7:30am Breakfast
July 16	6pm Technician LI 7:30am Breakfast
July 17	6pm Technician LI 7:30am Breakfast
July 18	6pm Technician LI 7:30am Breakfast
July 19	6pm Technician LI 7:30am Breakfast
July 20	6pm Technician LI 7:30am Breakfast
July 21	6pm Technician LI 7:30am Breakfast
July 22	6pm Technician LI 7:30am Breakfast
July 23	6pm Technician LI 7:30am Breakfast
July 24	6pm Technician LI 7:30am Breakfast
July 25	Field Day
July 26	Field Day
July 27	7pm Club Meeting
July 28	7pm Club Meeting
July 29	6pm VE Testing at 7:30am Breakfast
July 30	10am USS KIDO

The website header includes navigation links: Home, Awards, Contact Us, DX, Education, EMCOM, History, Public Service, Photos, Field Day, and Calendar. A sidebar on the right features a 'News & Events' section with a post about Maury Drummond, who for 22 years directed the USS Kidd Veterans Museum, has died. The post includes a photo of Maury Drummond and a link to the obituary.

# QSL Cards



The QSL Card from the Islands of the Air DX'Pedition on October 14-16<sup>th</sup>

**MUSEUM SHIPS WEEKEND 2016**  
 June 4 - 5, 2016

**USS Kidd W5KID**

The following operators have demonstrated their skills in the art of radio communications.

Thornton KG5HLC	Dan KF5TQN
Jon WA9JBR	Pat K5AHE
Marvin N5HE	Mike KD5MLD
Ken W5KQ	Billy KG5HLE
Doran KF5ZKG	Robin KK5RH
Dave KF5CGX	Chad K5EBR
Don KF5OHZ	Jennifer

From the Battleship New Jersey Amateur Radio Station, we thank you for your participation in the 2016 International Museum Ships Weekend.

The QSL Card from the Museum Ships of the Air on June 4<sup>th</sup> and June 5<sup>th</sup>

# ARLB040 W1AW 2016/2017 Winter Operating Schedule

## Morning Schedule:

Time	Mode	Days
-----	----	-----
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

## Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)  
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

## Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	DIGITAL	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	DIGITAL	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

## Frequencies (MHz)

	-----
CW:	1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
DIGITAL:	- 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE:	1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

## Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Beginning in January 2017, the voice mode used for W1AW's 40 meter voice bulletins will be full-carrier, double-sideband AM.

Code practice texts are from QST, and the source of each practice is given

at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The monthly W1AW Qualifying Runs are presented here as well. The audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule.

All users who connect to the conference server are muted. Please note that any questions or comments about this server should not be sent via the "Text" window in EchoLink. Please direct any questions or comments to [wlaw@arrl.org](mailto:wlaw@arrl.org).

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

The W1AW Operating Schedule may also be found on page 83 in the November 2016 issue of QST or on the web at, <http://www.arrl.org/wlaw-operating-schedule> .

## **Club Dues are Due!!**

*Membership dues of \$25 for 2017 are now being accepted by Ken Shutt W5KQ, Treasurer. For convenience, you can pay for additional years at the current rate. Cash, check, Visa or MasterCard are acceptable. Ken will be accepting payment at our next club mtg on 29 Nov.*



## BATON ROUGE AMATEUR RADIO CLUB

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

Web: [www.brarc.org](http://www.brarc.org)

PO BOX 4004

BATON ROUGE, LA 70821

- ☐ New Member Application
- ☐ Update Information for Current Member
- ☐ New Ham, Complimentary Membership

Date: \_\_\_\_\_

Please Print

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Email: \_\_\_\_\_

ARRL Member: ☐ Yes ☐ No

Name and call sign of other Hams in your household:

---

---

- ☐ Basic Member: \$25 per year
- ☐ Student Member: \$10 per year
- ☐ Associate Member: \$25 per year
- ☐ New Licensee, Complimentary 6 month membership

Dues can be submitted in person at a BRARC monthly club meeting or mailed to the above address. Cash, check, Visa or MasterCard accepted. Please make checks payable to Baton Rouge Amateur Radio Club.

15 Nov 2016

## Words of Advice

**IF YOU GET KIDS INTERESTED IN  
AMATEUR RADIO**



**THEY WILL NEVER HAVE MONEY  
FOR ALCOHOL OR DRUGS**

Editor's Note: The spelling is bad and grammar is terrible but the message is funny-Todd AB5TH

## A Visit to Mr. Charlie

On Saturday, Oct. 29, ten of our club members made the trip down to Morgan City to tour Mr. Charlie, officially known as The International Petroleum Exposition. We were met by our guide Randy and Sam Rock (K5MOB), who would explain the repeater setup on Mr. Charlie. Both did an excellent job as team guides with Randy talking about what it was like living and working aboard the early drilling platforms for up to 14 days at a time while drilling in the Gulf of Mexico.

Randy walked us through the rig explaining the various equipment and tools such as slips, tongs, drill pipe and drill bits. Sam shared his knowledge of mainly the high- tech electronics that is so integrated with today's drilling technology. The 1 hour tour took just over 2 hours with both Randy and Sam fielding questions such as how rigs are stabilized for drilling in the Gulf and what is drilling mud used for in drilling. The tour ended with Sam showing us where the repeater equipment will be housed on Mr. Charlie. Mr. Charlie is still used as a training site for men and women going offshore as roustabouts, cooks, and other support personnel. After the tour, we made a short stop at the 21 ft. flood wall protecting Morgan City from the Atchafalaya River flooding. Jackie Price, KA5LMZ, and Deborah Price, N5FMI, from the Morgan City radio club (BEARS) greeted us at the flood wall.

Our second tour stop was at the Wedell-Williams Aviation and Cypress Sawmill Museum. For those who have ever paddled a pirogue the video of early cypress logging which showed loggers standing in their pirogues hand sawing a cypress tree at least 6ft in diameter would be especially interesting. The aviation section of the museum had a sensory enhanced three panel video of the early aviation pioneers in Patterson, LA and served to encourage all of us, especially the two pilots in our group, to look over the pristine collection of Louisiana's award winning racing planes and engines of the 1930s.

We ended our day with a short visit to Adam Morales' unique open air driftwood art gallery



On the drilling floor of Mr. Charlie. The derrick is directly above their heads. The lady in

white dress



Remote Operating Vehicle (ROV) used underwater on drilling rigs circa 1982



. Statue of Liberty with Noah's Ark in the left background- Adam Morales' outdoor Art Gallery, Pierre Part, LA.

# U.S.S Kidd-Veterans Day

Our Nov 11 Veteran's Day observance aboard the USS KIDD was a success. From Joe, N5HDX & Daughter LouAnn, W5LDX Clark from Texas to a good showing by Club members. All time slots were filled & then some. A high 200's contact count & good conditions made things busy. I hope for the same on Pearl Harbor Day. Dave K5CGX

## USS KIDD Photos Veteran's Day 2016





## Important Notice !!

### January 2017 Meeting Time and Date Changes

The January 2017 monthly club meeting will be held on January 24<sup>th</sup>

There will be no meeting on the last Tuesday, January 31st

The January meeting will be held from 6:30 to 8:30 pm

**The next VE session will be held prior to the February meeting**

No change in meeting location (Main EBRP Library on Goodwood)

The January meeting will feature Skywarn training presented by Frank Revitte of the Slidell office of the National Weather Service.

This meeting will be of particular interest to all club members as well as anyone interested in public service communications, emergency communications and disaster preparation. Non-members are encouraged to attend.

For Skywarn information: [Skywarn.org](http://Skywarn.org)

The February meeting will be rescheduled for an alternate date and/or location to be announced. The last Tuesday of the month (February 28<sup>th</sup>) falls on Mardi Gras day and the library is unavailable.

73,  
Dick, N5KIP

# Amateur Radio License Classes

Ham Radio, also known as Amateur Radio, is a popular hobby and a service which licensed participants operate communications equipment, with a deep appreciation of the radio art. Now you can join this hobby of 700,000 U.S. Ham Radio operators in a 12-week course (1-night per week) conducted by the Baton Rouge Amateur Radio Club (BRARC). Morse code is no longer a requirement for the FCC license, but still very popular. Several other modern communications modes including voice, data, and television are used today. Satellites, the internet, and radios are all part of the hobby now. Join the fabulous, fun hobby of Amateur Radio by registering for a class today.

## Technician Class License

Level I Course:

This is the entry-level course designed for anyone with an interest in communicating, learning operating procedures, and new technology. No pre-requisites are required. The course covers operating and communicating with hams, licensing regulations, radio safety, and the very basic fundamentals of radio and electronics. The course concludes with the 35-question multiple-choice FCC exam. Experienced Amateur Radio Class instructors conduct the classes and the testing.

**April 14, 2016**  
**Thursday evenings, through June 30.**

Thursdays, 6pm – 8pm

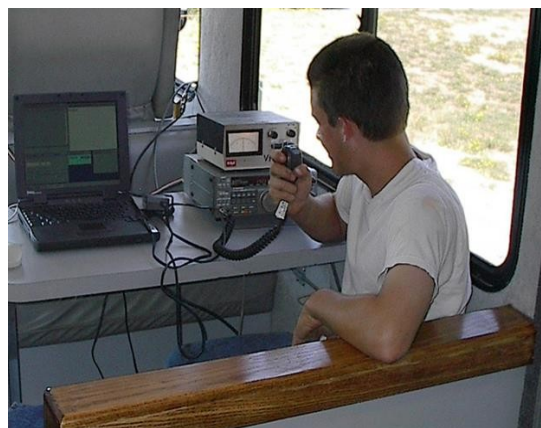
Baton Rouge Main Library  
7711 Goodwood Blvd  
Baton Rouge, LA 70806  
Second Floor

There is no cost for the class, but it is recommended you obtain the class text, *Technician Class 2014-2018* by Gordon West, WB6NOA. It can be obtained from BRARC (contacts below) or at Amazon.com.

**No preregistration required. For more information, contact:**

Email [buddybrown@cox.net](mailto:buddybrown@cox.net) or contact:

- Buddy Brown, N5BUD 225.573.2111
- Jon Reise, WA9JBR 225.388.5776



- **Baton Rouge Mini Maker Faire A Rousing Success for BRARC**

---

- This year's Baton Rouge Mini Maker Faire was held Saturday on the 8<sup>th</sup> of October at the East Baton Rouge Parish Main Library on Goodwood Blvd. The Library's staff was kind enough to set us up with an outdoor site complete with tables, chairs, & more importantly, a tent.
- Dan (KF5TQN), Thornton (KG5HLC), and Paul (WA4MXT) arrived early & began setting up, Dick (N5KIP) arrived with a homemade adjustable vertical antenna & a straight key code practice oscillator. Paul set up a Raspberry Pi Zero Text to speech demo, Dan set up his laptop with a RTLSDR to demonstrate software defined radio, and Dick & Thornton set up & tuned an HF transceiver on 20 meters. Daniel Smith (N5KHM) also arrived early and helped us set up before heading off for urgent business.
- Once the show opened to the public, the club's tent saw heavy traffic from the public, many questions were fielded, the code key got enough use to run the batteries flat, & the public was able to observe the Hurricane Net in operation as operators checked in from all over the east coast.
- The show was a rousing success as a record number of people got involved enough to take materials home & many expressed interest in the licensing test happening in advance of the club's monthly meeting on the 25<sup>th</sup> of October. Several persons with lapsed licenses expressed interest in getting back on the air regularly. Several club members recounted stories of their work during the recent Great Flood experienced by the Greater Baton Rouge Area this August, driving further interest in Amateur Radio. Over 40 kids learned to spell out their names in International Morse Code.



Kate and Brennan prove naturals at CW as mom proudly looks on.



Dick (N5KIP) shows of the usefulness of HF Communications



Dan (KF5TQN) talks SDR while Paul (WA4MXT) shows how the Raspberry Pi computer can be used to help the visually impaired.

**Editor's Note:** This article was left out of the October 2016 RF News. I sent the article out via E-mail last month. I decided to also run it in the November RF News so everyone has a chance to read it in case the e-mail from last month was missed. Thank you to Dan Lott (KF5TQN) for submitting the article on the October 8<sup>th</sup> Maker Fair.-Todd (AB5TH)

## Notice!!

Dear ARRL member,

I am writing to you today because we are nearing the end of the 114<sup>th</sup> Congress and the efforts to obtain passage of *The Amateur Radio Parity Act* are at a critical juncture. With a few short weeks left to the year, we must get this bill passed **NOW** or we will need to start all over again come January 1, 2017. As you know, thanks to your previous efforts, the legislative efforts scored a major victory in our campaign when *the Amateur Radio Parity Act*, H.R. 1301, passed in the House of Representatives on September 12<sup>th</sup>. The legislation is now in the Senate in two forms – as H.R. 1301 and alternately in the packaged bill S. 253. We still need every Senator to approve the bill. You are one of over 730,000 licensed Amateur Radio Operators living in the United States. Many of you already live in deed-restricted communities, and that number grows daily. We asked you for your help in September - and you responded in great numbers. We collected over 63,000 emails that were distributed to every single U.S. Senator. That is amazing. However, with the election hiatus over, each and every Senator must be reminded that their business is not complete until this important legislation affecting hams is passed and sent to the President. **Even if you wrote in the past, we need you to write again!** ONCE AGAIN I REMIND YOU THAT NOW IS THE TIME FOR ALL HAMS TO GET INVOLVED IN THE PROCESS!

- If you want to have effective outdoor antennas but are not currently allowed to do so by your Home Owner's Association, PLEASE SEND THESE EMAILS TODAY!
- If you don't live in a deed-restricted community but you care about the future of Amateur Radio, please support your avocation and your fellow hams and SEND THESE EMAILS TODAY!

We need you to reach out one more time to your Senators TODAY! **Right away Right now!**

Help us in the effort. Please go to this linked website and follow the prompts:

<https://arrrl.rallycongress.net/ctas/urge-us-senate-to-pass-amateur-radio-parity-act>

Thank you.

73,

Rick Roderick, K5UR

ARRL - The national association for Amateur Radio®

## New Hams from October VE Session

Here are the latest amateur radio operators from our last VE Session which was held prior to the October club meeting on October 25<sup>th</sup>.



From Left to Right:

Todd Young- (KG5QCW) Robert Fontenot (KG5QCV) Daniel Webb (KG5QCX)  
Cory Rogers (KG5QCU) David Leblanc (N5LEB)

Congratulations from the Baton Rouge Amateur Radio Club

## October 25, 2016 BRARC General Meeting

Dick Burroughs opened the meeting with the Pledge of Allegiance and then introduced the two presenters and their topics.

Todd Huovinen, AB5TH, gave a very informative talk on shortwave listening. Breaking the topic up into several components Todd said that his interest in radio began when he was a kid listening to shortwave stations around the world. As his interest grew so did his understanding of radio theory and his thirst for more knowledge. Several of his favorite easily affordable shortwave radios were discussed as well as what he considered the best receivers.

Todd offered several guidelines for successful listening of those DX stations. Principal among these were good listening skills followed by having an adequate antenna, although not expensive, and knowing when the best time was for receiving radio signals according to atmospheric conditions. Todd said that he still enjoys shortwave listening but now he enjoys talking to other amateurs around the world.

Paul CatrouWA4MXT, next demonstrated the do-it-yourself component of amateur radio. Paul showed his home built extremely inexpensive electronic keyer based on Raspberry Pi Zero as the principle component. Using the approximately \$5 Raspberry Pi Zero and an assorted array of parts Paul built an extremely versatile keyer that allows the user to modify several of the keyer's functions. He then demonstrated through programmable software that the user can easily adjust the wave tone, length of the dits and dahs, and also the keying speed.

Both talks were entertaining and informative for both the new member's perspective to the more advanced builder.



Todd presenting talk on Shortwave Listening Tips



Paul presenting talk on his Electronic Keyer Project



Paul with his keyer and table setup