



R F News

August 15, 2016

From The President

Our monthly meeting on August 30th will, assuming no tropical weather in the gulf, feature a representative from the National Weather Service. If weather events are in progress, the demand for personnel at the Slidell weather office may preclude the scheduled speaker from traveling. In that case, Todd (KB5TMD) will discuss the hobby of shortwave radio listening and we will attempt to reschedule the weather service speaker for a later date.

Please watch for details of several upcoming club events. Brett (KG5IQU) is coordinating National Parks on the Air activities on August 26th to 28th. The Red Stick DX group is planning an expedition to Grand Isle on October 14th to 16th. Contact Vernon (AA5O) to register. Club members will travel to Paterson on October 29th for a tour of a retired gulf oil platform and two local museums. Further information is available from Thornton (KG5HLC). Details on all these events can also be found elsewhere in this issue of RF News.

The club now has both HF and VHF radios available to members on a 90 day loan basis for a nominal fee. Any member may take advantage of the program; however, it should be of particular interest to new hams who may wish to get a bit of operating experience before purchasing a rig.

The upgraded club repeaters both seem to be performing well. Let's encourage more repeater traffic. Please listen especially for our newest members and make them feel welcome.

73, Dick N5KIP

Upcoming Events Calendar

8/26-8/28/2016-NPOTA Activation, Contact Brett Hebert (KG5IQU) for more information.

8/30/2016-BRARC Monthly Club Meeting, Goodwood Library. 7:00 PM. Program: Severe Weather on the Gulf Coast by Frank Revitte from the National Weather Service in Slidell.

Baton Rouge Amateur Radio Club

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

President	Dick Burroughs, N5KIP
Vice President	Jon Reise, WA9JBR
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 Robin Hudson, KK5RH

Repeaters: 146.790 - and 444.400 +
(PL tone 107.2)

Nets: BRARC Club Net - Sunday 8:30 PM
146.790 (PL tone 107).
Ten Meter Net - Monday 7:30 PM
28.450 MHz USB

RF Bytes

I would like to take this opportunity to thank all of the people who have volunteered their time at the Red Cross and other areas during the catastrophic flooding in the Baton Rouge area this month. There have been thousands of people who have been displaced from their homes. Many people have lost their homes some are even be club members. There are too many amateur radio operators to list here without leaving someone out so I just wanted to give a great big thank you to everyone.

This event has showed all of us how essential Amateur Radio is to the community. Cellular phone service from AT&T was out for over 12 hours in most areas of Baton Rouge on Sunday August 14th but ham radio continued on passing essential information to various rescue personnel. Cox Cable is still out in much of Livingston Parish due to the “head end” in Denham Springs taking on 3 feet of flood water. We’ve all heard this saying for years:

“When all else fails, there is always Amateur Radio”.

73,

Todd-AB5TH

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

August

Tech

T8B09 (B)

What causes spin fading when referring to satellite signals?

- A. Circular polarized noise interference radiated from the sun
- B. Rotation of the satellite and its antennas
- C. Doppler shift of the received signal
- D. Interfering signals within the satellite uplink band

General

G7B04 (C)

Which of the following describes the function of a two input NOR gate?

- A. Output is high when either or both inputs are low
- B. Output is high only when both inputs are high
- C. Output is low when either or both inputs are high
- D. Output is low only when both inputs are high

Extra

E6C06 (C)

Why do CMOS digital integrated circuits have high immunity to noise on the input signal or power supply?

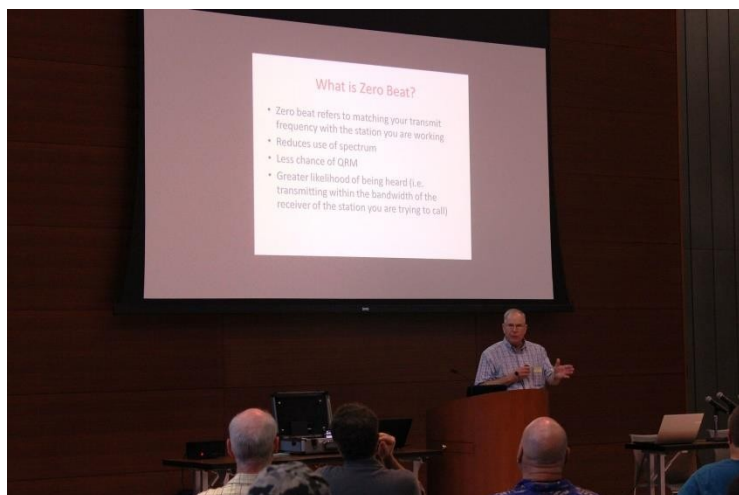
- A. Larger bypass capacitors are used in CMOS circuit design
- B. The input switching threshold is about two times the power supply voltage
- C. The input switching threshold is about one-half the power supply voltage
- D. Input signals are stronger

BRARC's July General Meeting at the EBR Main Library was attended by 35 members and visitors. Presentations on the new Yaesu System Fusion repeaters, recently installed at BRARC's two repeater sites, were well received. A presentation on Advantages of Operating CW followed. Table-top demonstrations on repeater software and various CW keys were available for members after the meeting.

Here are some photos from last month's BRARC Club Meeting:



Matt Anderson KD5KNZ, presenting the newly installed Fusion System repeaters.



Dick N5KIP, talking about the fun of operating CW

Meeting Photos



Todd KB5TMD, picking the winning ticket for the 50-50 raffle. Robin KK5RH hosted the raffle for the club.



Paul WA4MXT, explaining the operation of a Cootie Key to John WA5MLF and Duane KG5HLF.

BRARC EQUIPMENT AVAILABLE FOR LOAN

ITEM DESCRIPTION	MFG	Model #	SERIAL #	LOCATION	AVAILABILITY
Antenna Analyzer	MFJ	259		K5DFD	Yes
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		N5KIP	Yes
2M mobile rig	Icom	IC-2100		N5KIP	Yes

David Ducote K5DFD

(225) 603-0801 (cell)

BRARC Introduces the *Radio Loan Program*

Our club recently received two radios as donations, along with associated accessories, to be used as the club saw fit. With all the newly licensed Technicians and Generals joining the club, it was decided to make the radios available to members that don't have equipment yet, but want to operate the bands before they invest in their own radios. With that in mind, the *Radio Loan Program* was established. A BRARC member can check out a radio package and get on the air quickly. The loan period is 90-days, with a \$20 fee for the Icom IC-730 HF Transceiver and a \$15 fee for the Kenwood 2200H VHF Transceiver. Preference will be given to newly licensed members, but any club member can check out a radio. BRARC mentors will assist the newly licensed members with antenna recommendations, construction, and installation. The cost of the antenna will be the responsibility of the borrower.

Program details and the loan application will be found on the BRARC home page website, under the dropdown menu for "Radio Loan Program"

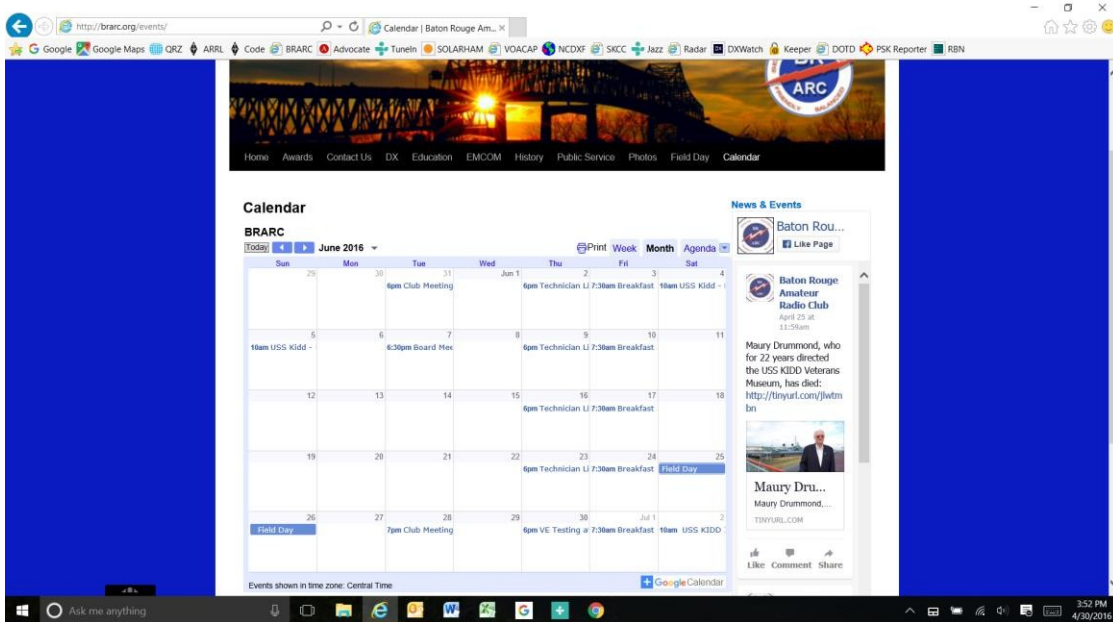
Board endorses Sponsorship Program

The board endorsed a new program in which club members can volunteer to serve as sponsors for newly licensed "Hams" and individuals interested in amateur radio. These "sponsors" would provide support by ensuring that these individuals have a list of club meeting dates, events, website and facebook addresses, etc. Most importantly, sponsors will serve as a friend to ensure they feel welcome at club functions and are personally invited to participate in club activities. Sponsors differ from "Elmers" in that the sponsor's function is to help integrate the newcomers into the club while "Elmers" serve a more technical function. Elmers function as the resource center for technically related questions and knowledge related to all areas of amateur radio.

If you are interested in helping new members and newly licensed "hams" feel at home in our club please contact any of the following club members: Thornton Cofield KG5HLC, Jon Reise WA9JBR, Brett Hebert KG5IRQ, or Ty Mixon KA1TY.

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. We are posting events through 2016 as they become available. If you have an event you want posted, contact our webmaster John Krupsky, WA5MLF .



Congratulations!!

On behalf of the Baton Rouge Amateur Radio Club I would like to take this opportunity to congratulate the following new amateur radio club operators who passed their Technician Class exams at the club's last VE session on Tuesday July 26th.

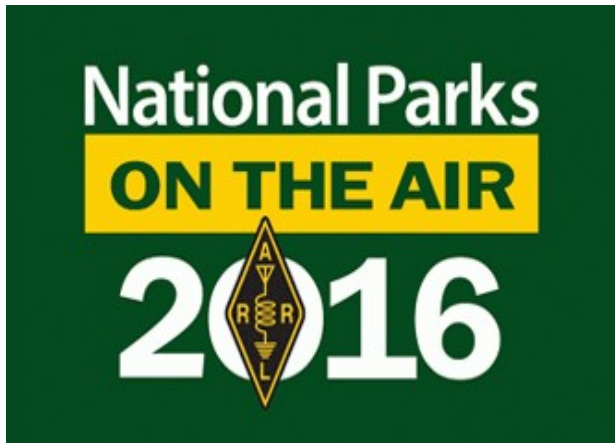
Jennifer Bordelon KG5OSN

Jared Granier KG5OSL/Sonny Guidry KG5OSM



also pictured Jimmy Bordelon (no call)

W5GIX Activates Acadian Cultural Center



W5GIX will again be activating several of the Jean Lafitte sites (there are 6 in total) on August 25 – 28 for the National Park Service Founders Day Centennial. Operators are needed. Contact Brett Hebert to sign up or to get the details.

Dayton Hamvention News

Greetings everyone, welcome to "Dale's Tales" for August, 2016.

NEWS FROM THE DAYTON HAMVENTION®: The Dayton Amateur Radio Association (DARA) regrets to inform our many vendors, visitors and stakeholders that, unfortunately, HARA has announced the closing of their facility. We have begun execution of our contingency plan to move Hamvention® 2017 to a new home.

DARA and Hamvention® have enjoyed many successful years working together with HARA Arena and we wish the Wampler family the best.

DARA and Hamvention® have been working on a contingency plan in the event HARA would become unavailable. We have spent many hours over the last few years evaluating possible locations and have found one in the area we believe will be a great new home! Due to logistics and timing issues, we will make a formal announcement introducing our new partner. This information will be coming soon. We all believe this new venue will be a spectacular place to hold our beloved event. Please rest assured we will have the event on the same weekend and, since it will be in the region, the current accommodations and outside events already planned for Hamvention® 2017 should not be affected.

SAVE THE DATE

October 29, 2016

A DAY TRIP TO VISIT THE FIRST OFFSHORE OIL RIG AND A VISIT TO THE WEDELL-WILLIAMS AVIATION AND CYPRESS SAWMILL MUSEUMS



The International Petroleum Museum- "Mr. Charlie"

Visit the first offshore submersible transportable drilling rig in the United States. Located in the Atchafalaya River in Morgan City it was first built in 1953 and served as a drilling platform for offshore drilling from 1956 until 1984. A guide will explain what it was like to work and live offshore 7-14 days at a time. Visit a real drilling rig and walk in the steps of roustabouts, roughnecks, and drillers. After our rig tour we will visit Morgan City where we can walk the 21 foot wall that protects the city from flooding. We will eat at a typical South Louisiana cafe and then take a short drive to Patterson, Louisiana to visit the **Wedell-Williams Aviation and Cypress Sawmill Museums**. Jimmie Wedell and Harry Williams were nationally prominent during the "Golden Age of Aviation"

and formed an air service in Patterson in 1928. Patterson, LA was also once home to the largest cypress sawmill operation in the world!

Plan to leave in the morning on Saturday. We will tour Mr. Charlie beginning at 10 am and the tour should last 1.5 hours. We will eat and then tour the two museums. We have a little lagniappe for you on the way back through Pierre Part, Louisiana.

No open toe shoes and we will be climbing steel grated stairs. Tour will not take place if it is raining. Further details will follow later.

Contributed by Thornton Cofield (KG5HLC)

