



# RF News

June 2021

## Tidbits From Todd

Greetings Everyone,

June is here, and so is the heat. I missed the last club meeting held in place of the annual "Eating Meeting" at Frank's Grill and Bar in Prairieville, but I heard that those who attended had an excellent time fellowshiping in person again. A lot has changed in Louisiana since the last edition of the RF News was published. Our governor has removed the mask and capacity restrictions at most businesses and venues, allowing things to return to normal. As a result of these relaxed restrictions, the board feels that the club can hold Field Day at the Highland Road Observatory this year. We will have Field Day on the usual fourth weekend in June, June 26th and 27th. There is a signup sheet on the club website for operators and equipment. We will not have the usual communal dinner as we have done in the past due to Covid 19 concerns. The BRARC hosted our first Volunteer Exam session at the Goodwood Library on Saturday, June 12th. We had over ten people test, and everyone passed their exam. I have been a Volunteer Examiner for over eight years, and this was the best VE session that I have been a part of. I want to thank Jon Reise (WA9JBR), Jerry Clouatre (AG5AY), Mike Nolan (KD5MLD), Russ London (NS5W), and Thornton Cofield (K5HLC) for helping make our first VE session in over a year a great success! Speaking of things returning to normal, the USS Kidd (W5KID) operated in observance of Memorial Day on May 31st and made 113 contacts. The USS Kidd also observed Museum Ships on the Air on June fifth and sixth and made 227 contacts. More details on the operations of the USS Kidd can be found on our club website under the USS Kidd tab. That is about it for now. Stay tuned for more announcements as we plan on resuming in-person meetings later this summer.

73, Todd-AB5TH

## Upcoming Events

**6/26/2021 & 6/27/2021**

Field Day

Highland Road Observatory

See BRARC Website for sign-up sheet and updates.

**6/29/2021**

Monthly BRARC Club Meeting

Via Zoom, unless a meeting room at one of the Baton Rouge Public Libraries is available - Stay tuned for updates.

## Baton Rouge Amateur Radio Club

**PO Box 4004, Baton Rouge, LA 70821**

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

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

<b>President</b>	Todd Houvinen - AB5TH
<b>Vice President</b>	Jennifer Bordelon - K5NMT
<b>Secretary</b>	Thornton Cofield - K5HLC
<b>Treasurer</b>	Jerry Clouatre - AG5AY
<b>Directors</b>	Jon Reise - WA9JBR Brook Samuel - N5DGK Jeremy Gerald - N5EKF Elmer Tatum - N5EKF Robin Hudson - KK5RH Ken Shutt - W5KQ Dan Lott - KF5TQN

**Club Repeaters** 146.790 - PL 107.2 (FM, System Fusion)  
444.400 + PL 107.2 (FM, System Fusion)

**BRARC Nets** Two Meter Net (Club Net)  
Sundays 8:30 PM on 146.790 Repeater  
Ten Meter Net  
Mondays 7:30 PM on 28.450 USB



## FEMA and FCC Plan Nationwide Emergency Alert Test for August 11, 2021

*Test Messages Will be Sent to TVs and Radios Along with Select Cell Phones That Have Opted-in to Receive Test Messages*

WASHINGTON – FEMA, in coordination with the Federal Communications Commission, will conduct a nationwide test of the Emergency Alert System (EAS) and Wireless Emergency Alerts (WEA) this summer. The national test will consist of two portions, testing WEA and EAS capabilities. Both tests will begin at 2:20 p.m. ET on Thursday, Aug. 11.

The Wireless Emergency Alert portion of the test will be directed only to consumer cell phones where the subscriber has opted-in to receive test messages. This will be the second nationwide WEA test, but the first nationwide WEA test on a consumer opt-in basis. The test message will display in either English or in Spanish, depending on the language settings of the wireless handset.

The Emergency Alert System portion of the test will be sent to radios and televisions. This will be the sixth nationwide EAS test.

FEMA and the FCC are coordinating with EAS participants, wireless providers, emergency managers, and other stakeholders in preparation for this national test to minimize confusion and to maximize the public safety value of the test. The test is intended to ensure public safety officials have the methods and systems that will deliver urgent alerts and warnings to the public in times of an emergency or disaster.

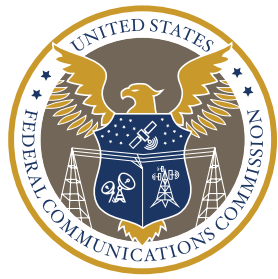
### ***Major information about the test includes:***

- The purpose of the Aug. 11 test is to ensure that the EAS and WEA systems continue to be effective means of warning the public about emergencies, particularly those on the national level. Periodic testing of public alert and warning systems helps to assess the operational readiness of alerting infrastructure and to identify any needed technological and administrative improvements.
- The WEA portion of the test will be initiated using FEMA's Integrated Public Alert and Warning System (IPAWS), a centralized internet-based system administered by FEMA that enables authorities to send authenticated emergency messages to the public through multiple communications networks. The WEA test will be administered via a code that alerts only phones that have opted in to receive WEA test messages. The EAS portion of the test will be initiated using FEMA-designated Primary Entry Point stations.
- In case the Aug. 11 test is canceled due to widespread severe weather or other significant events, a back-up testing date is scheduled for Aug. 25.

### ***Anyone who has opted in to receive test messages on their wireless phone will receive the message only once. The following can be expected from the nationwide test:***

- Beginning at 2:20 p.m. ET, cell towers will broadcast the test for approximately 30 minutes. During this time, WEA-compatible wireless phones where the subscriber has opted-in to receive test messages, that are switched on, within range of an active cell tower, and whose wireless provider participates in WEA, should be capable of receiving the test message. Wireless phones should receive the message only once.
- For consumers who have opted in to receive WEA test messages, the message that appears on their phones will read: "THIS IS A TEST of the National Wireless Emergency Alert System. No action is needed."
- Opt-in phones with the main menu set to Spanish will display: "ESTA ES UNA PRUEBA del Sistema Nacional de Alerta de Emergencia. No se necesita acción."

*Continued on Page 3*



*FCC News Continued from Page 3*

- Launched in 2012, WEA is a tool for authorized government agencies to reach the American public during times of national emergency. It is used locally to warn the public about dangerous weather, missing children, and other critical situations through alerts on cell phones.
- Alerts are created and sent by authorized federal, state, local, tribal and territorial government agencies through IP-AWS to participating wireless providers, which deliver the alerts to compatible handsets in geo-targeted areas.
- To help ensure that these alerts are accessible to the entire public, including people with disabilities, the alerts are accompanied by a unique tone and vibration. The test handling code will allow FEMA to test this capability while limiting test messages to those phones that have opted in to receive test messages.
- The EAS portion of the test is scheduled to last approximately one minute and will be conducted with the participation of radio and television broadcasters, cable systems, satellite radio and television providers, and wireline video providers (EAS participants).

***Other important information about the EAS test:***

- The test message will be similar to the regular monthly EAS test messages with which the public is familiar. It will state: “THIS IS A TEST of the National Emergency Alert System. This system was developed by broadcast and cable operators in voluntary cooperation with the Federal Emergency Management Agency, the Federal Communications Commission, and local authorities to keep you informed in the event of an emergency. If this had been an actual emergency an official message would have followed the tone alert you heard at the start of this message. No action is required.”
- Emergency alerts are created and sent by authorized federal, state, local, tribal and territorial government agencies. EAS participants receive the alerts through IPAWS or through local “over-the-air” monitoring sources. EAS participants then disseminate the emergency alerts to affected communities

**Background:** In 2007, FEMA began modernizing the nation’s public alert and warning system by integrating new technologies into the existing alert systems. The new system, known as the Integrated Public Alert and Warning System (IPAWS) became operational in 2011. Today, IPAWS supports nearly 1,600 state, local, tribal, territorial and federal users through a standardized message format. IPAWS enables public safety alerting authorities such as emergency managers, police, and fire departments to send the same alert and warning message over multiple communication pathways at the same time to citizens in harm’s way, helping to save lives.

For more information on FEMA’s IPAWS, go to [www.fema.gov/ipaws](http://www.fema.gov/ipaws). For more preparedness information, go to [www.ready.gov](http://www.ready.gov).



**Our work is possible because of people like you.**

Discover the role that’s right for you.  
*Join us today!*

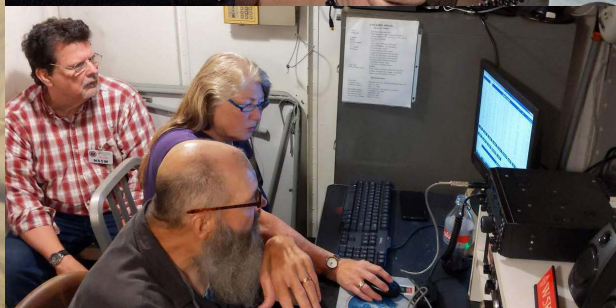
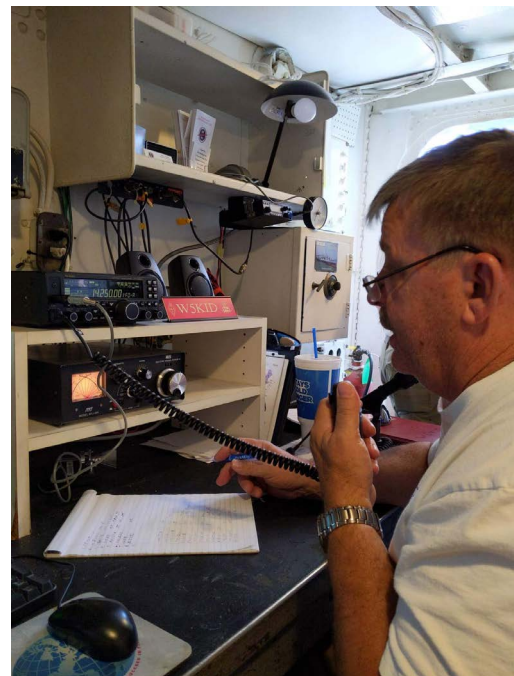
**[www.redcross.org](http://www.redcross.org)**







## USS KIDD, W5KID Memorial Day Special Event Museum Ships Weekend



### Memorial Day Special Event

For the first time since the pandemic started, W5KID was on the air — for Memorial Day, May 31, 2021.

We made 113 contacts including 38 US states, 2 Canadian provinces and Northern Ireland.

**The US states were:** AL, AR, AZ, CA, CO, CT, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, MI, MO, MS, MT, NC, NE, NH, NJ, NM, NV, NY, OH, OK, PA, RI, SD, TN, TX, UT, VA, WI, WV.

**Operators participating were:** Chris (KI5JSE), Ken (W5KQ), Jon (WA9JBR), Leonard (W5DZW), Dayna (WA5YSS), Elmer (N5EKF), John (WA5MLF), Jim (K7QI), Jennifer (K5NMT)

**We hope to operate W5KID aboard the ship on July 4th. As of 6/14/21 I am awaiting permission from the museum staff. Our schedule of operation may also be shorter than usual due to the museum's planned holiday events.**

**John (WA5MLF)**

### Museum Ships Weekend

We made 221 contacts including 37 US states, 2 Canadian provinces.

**The US states were:** AL, AR, AZ, CA, CO, CT, FL, GA, IA, IL, IN, KS, KY, MS, MD, MI, MN, MO, MT, NC, ND, NE, NJ, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, WA, WI, WV, WY.

#### **Museum Ship Contacts:**

SS Col. James M Schoonmaker, Toledo, OH  
NSS SAVANNAH, Baltimore, MD  
USS YORKTOWN, Charleston, SC  
USS IOWA, San Pedro, CA  
USS SILVERSIDES, Muskegon, MI  
USS TURNER JOY DD951, Bremerton, WA  
USS LEXINGTON, Corpus Christi, TX  
USS RAZORBACK, Little Rock, AR  
USS MIDWAY, San Diego, CA  
LST 325, Evansville, IN

**Operators participating were:** Leonard (W5DZW), Dayna (WA5YSS), KI5EGM (Marty), John (WA5MLF)

**f** Find us on  
**Facebook**

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

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



**The most popular on-the-air operating event in amateur radio.**

**Gear up and get in on all the action and fun!**

**Field Day June 26-27, 2021  
Highland Road Park Observatory  
13800 Highland Road**

### **What is Field Day?**

#### **It's a Contest**

Some hams compete against others to see who can contact more people on the air, or even competing with themselves to see if they can do better than they did last year. The temporary, outdoor, battery-and-generator-powered setups that are a hallmark of Field Day present an extra challenge for hams who may be used to getting on the air from their home stations.

#### **It's Emergency Training**

Some ham groups use ARRL Field Day to practice their emergency response capabilities. Ham radio has been called into action again and again to provide communications support in crises when it really matters. Hams also use these skills to help with events such as marathons, parades, fairs, and other planned, nonemergency activities.

#### **It's Fun**

ARRL Field Day brings radio amateurs together for a weekend of teamwork, friendly competition, skill building, and time spent with old and new friends – both in person and on the air. Many ham radio groups organize picnics, cookouts, campouts, games, and other activities to make their Field Day operations even more fun.

### **Dear Baton Rouge Club members,**

Given the COVID guidelines that BREC is following, the Board has decided to hold Field Day at Highland Road Park Observatory just like we have up until last year, with one change. We will not be providing a meal for Saturday night or Sunday morning.

We expect to run a 3 transmitter effort. Typically we have two stations on any given band, so we need two antennas for each band. The HF Yagi at the observatory will work on 20, 15, and 10, but the rotor is not working. There are currently no other antennas up. So, we will need a second antenna for 20m and up, and two antennas each for 40m and 80m. The club has ample supplies of coax. There is a form on the club website where you can list what you will be willing to bring or activities you want help with. The club is not responsible for lost equipment. Please mark anything you bring with your callsign.

The BREC guidelines for COVID, effective next Monday, are simply that unvaccinated people should wear masks inside the observatory building. There are no capacity limits inside, and no restrictions on social distancing or mask requirements outside. I would hope that the club can follow these guidelines for the health of everyone including the public. If someone who is unvaccinated wants to talk on the radio, we need only wipe down the equipment before and after.

**Dana Browne (AD5VC)**

*Please check the club website, [www.brarc.org](http://www.brarc.org), for Field Day Updates & Sign Up Sheet.*



# SLIDELL EOC\*

## HAMFEST, ARRL LOUISIANA STATE CONVENTION & W9DYV AMATEUR RADIO SYMPOSIUM

# 2021

SLIDELL CITY AUDITORIUM 2056 2nd St, Slidell, LA 70458

Friday October 8, 2021 2:00pm - 5:00pm

Saturday October 9, 2021 8:00am - 2:30pm



**ADMISSION: Adults: \$5 (Includes 1 Raffle Ticket - good for both days) - 12 & Under: Free**

\* Talk-in: 147.27 MHz (+600 kHz) PL 114.8 Hz \* ARRL Sanctioned Hamfest \* Unique Local Attractions



The Ozone Amateur Radio Club is pleased to sponsor the 2021 Slidell EOC HAMFEST. Browse the latest from our featured vendors. Sell used gear for extra cash! Find that perfect addition for your rig. Raffle tickets: \$1 each or 6 for \$5.



### W9DYV AMATEUR RADIO SYMPOSIUM

Forum Room

#### SPEAKERS:

**Rob Sherwood, NC0B**

1. Synchronous AM Detection
2. Transceiver Performance for HF DX

**Bob Heil, K9EID**

Transmitter and Receiver Audio Workshop

**Dave Beckler, N0SAP**

1. The History of Eldico Radio
2. The Collins S2 Line

**David Assaf, W5XU**

The Care and Feeding of Receiver Tubes

**Scott Kerr, KE1RR**

1. The Early Years of Collins Radio
2. Curtis Lemay, Strategic Air Command, and Collins Radio

For additional info:

[www.ce-multiphase.com](http://www.ce-multiphase.com)

### MAIN PRIZES

1st - Yaesu FT-991A



2nd and 3rd  
Yaesu FT-70DR



4th - Alinco  
DJ-MD5 (TGP)

5th - \$100 Gift  
Certificate from  
DX Engineering

### VENDORS

N5IAW Connectors  
MCM Computers

\*confirmed as of 04/10/21

### FLEA MARKET

Tables (3' x 8') - \$10  
(Does not include cost of admission)

### ARRL VE TESTING

Technician, General & Amateur Extra  
Testing Fee: \$15  
Starts at 8:30am



great location  
with  
easy access

#### MORE INFO:

[www.w5sla.net/hamfest-2021.htm](http://www.w5sla.net/hamfest-2021.htm)

\*Emergency Operations Center

REV-2 04/10/2021

#### CONTACT US:

OARC - PO Box 553, Slidell, LA 70459

E-mail: [hamfest@w5sla.net](mailto:hamfest@w5sla.net) Web: [www.w5sla.net](http://www.w5sla.net)

# BRARC Board Meeting Minutes

June 1, 2021 6:30 pm via Zoom

## Members Present:

Todd Houvinen, *President* (1)  
Thornton Cofield, *Secretary* (1)  
Jerry Clouatre, *Treasurer* (1)  
Brook Samuel, *Director* (1)  
Dan Lott, *Director* (2)  
Elmer Tatum, *Director* (2)  
Jeremy Gerald, *Director* (1)  
Jon Reise, *Director* (1)  
Robin Hudson, *Director* (1)

## Members Absent:

Jen Bordelon, *Vice President* (1)  
Ken Shutt (2)  
( ) *Number of years served in stated position.*

**Visitors:** Dana Browne AD5VC, John Krupsky WA5MLF, Chris Kersey KE5PDO

**Minutes approval from 05/04:** Dan moved the minutes be accepted, seconded by Jeremy.

**Treasurer Report-**Jerry reported BRARC had \$11, 305.00 in the check book balance. Dan moved we accept the treasurer's report, seconded by Thornton.

## Committee Reports:

**Education-**Dan had nothing to report. Jeremy reported that the State Fire Marshall would like to have a 1-day course for the Technician class license. Jeremy will notify Dan of the number of students and the date. Anticipated class number will be 10 students.

**Equipment-**Jerry reported no change. Jon reported that we have a full cabinet at the Red Cross facility and we should be able to relocate all the BRARC equipment there- minus cables, etc. Thornton mentioned that we could place the equipment list once compiled on BRARC's website. Jon brought up the possibility of installing an amplifier on the USS KIDD to increase our radio coverage. Dana noted that we have a radiation safety concern with increased transmitter power and the proximity of the public visiting the USS KIDD.

**PIO/Outreach /Mbr-Thornton:** Thornton-BRARC Member list was sent out on May 2: To Date we have 74 members. I emailed two members the notice of the Technician class offered by Ascension Airways. I also mailed 8 new Amateur Radio Operators a welcome letter to join BRARC and 3 attachments; BRARC Tri-fold, UTC chart, and a Band Frequency Chart. Email addresses were not available for the 8 operators.

**EMCOM:** Nothing to report

**Repeater-Brook:** Brook reported everything seems to be working.

**USS Kidd Club:** John reported that the Memorial Day had a full set of operators and made numerous contacts. John will issue a more detailed report later.

**VE Team - Jon/Todd:** Jon/Todd- Jon reported 4 people have signed up for the licensing test to be held in Room 2A at the Goodwood Library on June 12 from 10:30-12 Noon.

## Old Business

**Website Hosting Update-Dan/John:** John briefly discussed the two plans as distributed to the Board. GoDaddy has changed our account to incorporate a software upgrade. Given the upgrade and the slight savings our club could experience moving to Hostinger John would like more time to evaluate the two hosting sites. Thornton moved that we give John the remainder of the year to evaluate the GoDaddy changes in relation to Hostinger. Motion was seconded by Jeremy and unanimously approved.

**Club Tax Status Update:** Jerry reported that 3 years of accounting has been acquired and his accountant is ready to file BRARC's tax return for 2020. Cost is approximately \$700 so far. Jerry reported that his accountant told him that we would have to re-incorporate as a 501c3 organization instead of our present status as a 501c4 (private corporation). Jerry moved that the continue with BRARC's change from a 501c4 tax designation to a 501c3 tax designation. Thornton seconded the motion and the motion was unanimously approved.

**In person meeting/survey update-** No Report.

**2021 BRARC Christmas Dinner-**nothing new to report. Still Scheduled for Saturday December 4th.

# BRARC Board Meeting Minutes *(continued)*

**Field Day Plans for 2021-Todd/Chris/Dana** Chris reported the property is open and ready. It is, however, operating at 75% capacity which means approximately 36 people in the Observatory at any one time. Dana noted that we can plan Field Day in a week since we have done it several times. However, Dana noted that the on-site antenna rotor is still not working. Two elements on the tri-beam are bent somewhat but his tests show that beam operation is within operational limits. We can run as 3A at 100 watts. We can also run wire antennas to cover the lack of beam direction movement and other band coverage. Dana agreed to handle setting up for Field Day as he has done in the past years. Dinner on Saturday will be by each individual due to COVID restrictions which means there will be no communal meal.

Jeremy agreed to lend his trailer and antenna for Field Day but due to prior commitments he will not be present for setting up his beam antenna. The TA33 antenna will need to be assembled on site. The antenna poles will need to be transported separately from the trailer.

Todd will send out an email asking who is planning to participate in Field Day held at the Observatory.

## New Business

**Virtual Technician Class via Zoom w/Ascension Radio Club via Zoom-Elmer-** No report.

**Mentorship Program-Jon Reise-** Tabled until next meeting.

**Mast for the USS KIDD- John-** Next meeting discussion.

## Tentative Program Suggestions

**May 2021-**“Eating Meeting”-Frank’s in Prairieville (5/25). Social Event-no program scheduled.

**June-2021-**Field Day Wrap Up-Dana (AD5VC) depending on how Field Day is done this year.

**July-2021-**FT-8 Tips-Live Demonstration via Zoom-Todd AB5TH

**Aug 2021-Oct 2021-**Needing program suggestions.

Meeting adjourned at 8:20PM

BRARC Secretary Thornton H. Cofield



<https://www.laarri.org/ss/la-ares/>

## BRARC Annual Dues

Dues are payable annually on 1/1

Regular Membership is \$25 / year

Student Membership is \$5 / year

Mail Dues To:

BRARC

PO BOX 4004

Baton Rouge, LA 70821

Dues can also be paid in person at any club meeting,  
or via PayPal at [www.brarc.org](http://www.brarc.org).





# ISS to be in Cross-Band Repeater Mode for Field Day



The Amateur Radio on the International Space Station (ARISS) cross-band repeater will be available for ARRL Field Day, June 26 – 27. Contacts will count toward Field Day bonus points as satellite contacts and Field Day contacts.

Field Day rules limit stations to one contact on any single-channel FM satellite. Note that contacts made during Field Day by ISS crew would only count for contact credit, but not for satellite bonus points. ISS cross-band repeater

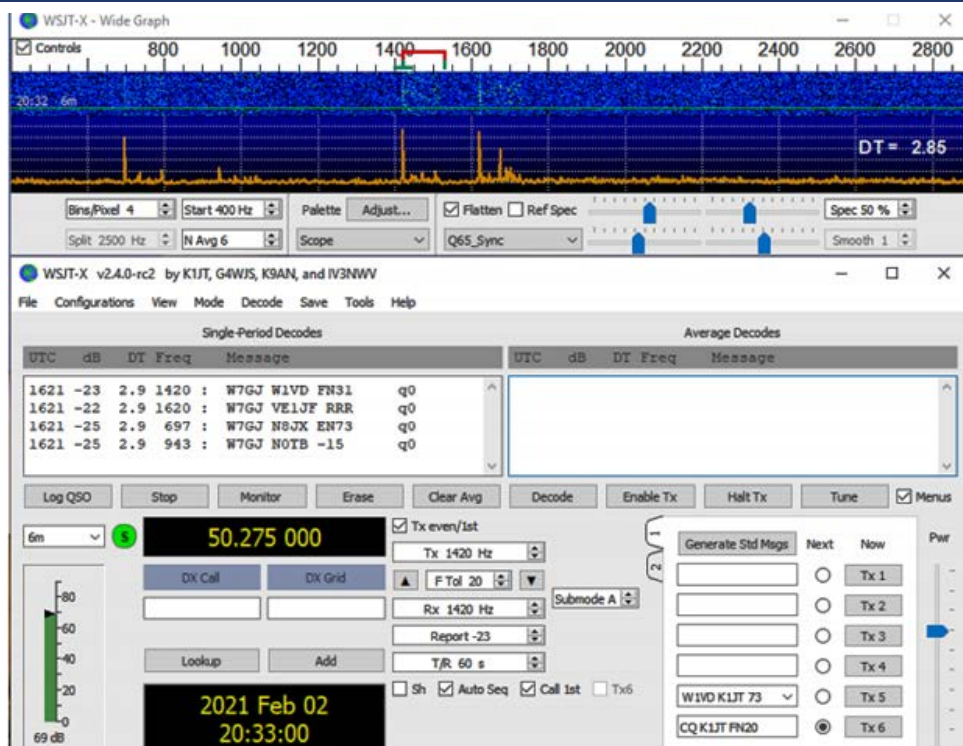
contacts are also valid AMSAT Field Day satellite contacts.

The ARISS cross-band repeater uplink is 145.990 MHz (67 Hz tone), with a downlink of 437.800 MHz.

ARISS suggests that those unfamiliar with the ISS repeater may want to practice with it prior to Field Day. ARISS had planned to switch modes to the Automatic Packet Reporting System (APRS) during the second week of June, but this won't happen until after the first ARISS school contact following ARRL Field Day.

The ARISS ham station will be off-air during spacewalks on June 16 and June 20. -- Thanks to ARISS

## WSJT-X version 2.4.0 Now Generally Available Version 2.5.0 on the Horizon



keying and builds on the demonstrated weak-signal strengths of QRA64, a mode introduced to WSJT-X in 2016. Q65 offers user message and sequencing identical to that in FST4, FT4, FT8, and MSK144. It includes a unique tone for time and frequency synchronization. As with JT65, this “sync tone” is readily visible on the waterfall spectral display. In addition, Q65 provides a sensitive “sync curve” near the bottom of the waterfall window.

Testing showed that Q65 will enable stations with a modest Yagi and 100 W or more and to work one another on 6 meters at distances up to ~2000 kilometers on most days of the year, in dead band conditions.

“An excellent example of targeted uses of Q65 is ionospheric scatter on the 6-meter band,” the documentation states. “Extensive tests on the 1,150-kilometer path between K1JT and K9AN have shown that with 300 W power output, nearly every Q65-30A transmission is copied correctly by the other station.” The 30A refers to the transmit-receive period and spacing width.

For the complete announcement and to download the latest version, visit the WSJT-X website.

WSJT-X version 2.4.0 now is available in general release. According to co-developer Joe Taylor, K1JT, WSJT-X version 2.4.0 includes a new digital mode, Q65. This protocol is designed for two-way contacts over especially difficult propagation paths, including ionospheric scatter, troposcatter, rain scatter, TEP, EME, and other types of fast-fading signals.

“On paths with Doppler spread more

than a few Hertz, the weak-signal performance of Q65 is the best among all WSJT-X modes,” the Quick Start Guide asserts.

WSJT-X version 2.5.0-rc1 (beta) version has been released. According to the Release Notes, in version 2.5.0 “the Q65 decoder has been enhanced to measure and compensate for linear frequency drift in Q65 signals.”

Q65 uses 65-tone frequency-shift

# Breakfast

**Wednesdays - Frank's Restaurant Grill & Bar - 6:30 AM**

17425 Airline Highway Prairieville, LA 70769

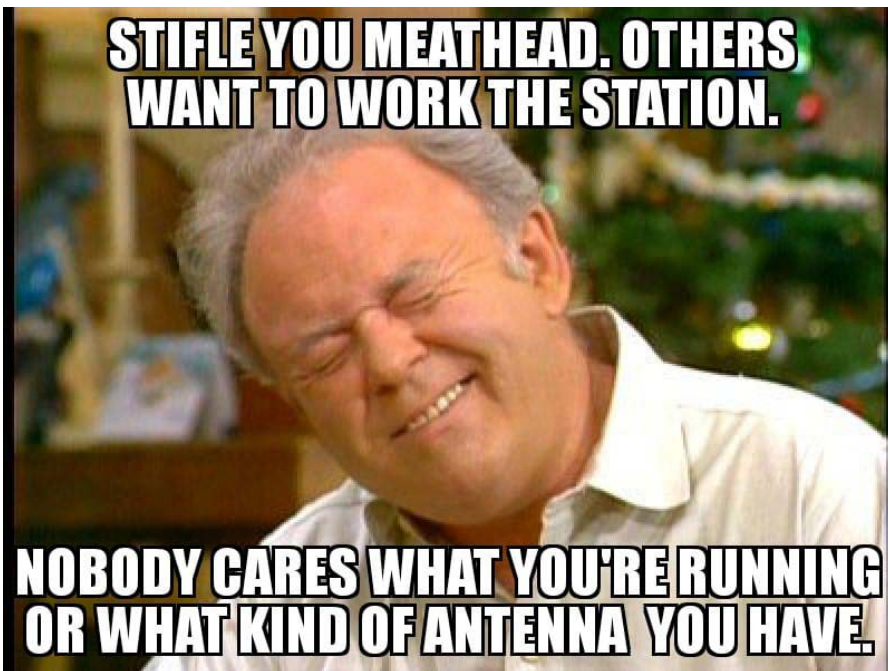
**Fridays - Frank's Coffee House - 6:30 AM**

8353 Airline Highway Baton Rouge, LA 70815

**Saturdays - Yeager's Down Home Cooking - 6:30 AM**

240 Range Ave, Suite 121 Denham Springs, LA 70726

## Amateur Radio Memes of the Month





# Separate SATERN Nets Now Operational

The Salvation Army Team Emergency Radio Network (SATERN) launched a new SATERN International SSB Net on June 2 on 14.325 MHz. Net sessions will take place Mondays, Wednesdays, and Fridays at 11 AM Central Daylight Time, in cooperation with the Hurricane Watch Net (HWN), which has used 14.325 MHz for many years during its own activations. Just down the band, another net sporting the same SATERN acronym — the Strategic Auxiliary Team Emergency Readiness Net — has established itself on SATERN's former frequency of 14.265 MHz. The latter net was organized by Lee Glassman, WA5LEE, a former manager of the original SATERN. The Salvation Army made the distinction clear in its announcement launching the new SSB net on 20 meters.

“The new SATERN organization (Strategic Auxiliary Team Emergency Readiness Net) is not associated with The Salvation Army,” SATERN National Committee Chair Michele Heaver told ARRL. “At this time, SATERN (Salvation Army Team Emergency Radio Network) is no longer associated with Lee Glassman and does not support his new efforts with the Strategic Auxiliary Team Emergency Readiness Net. This is a breakaway organization.”

The SATERN split will entail a new “updated and revised SATERN web-

site” in the near future, The Salvation Army (TSA) said in its announcement. The new SATERN under Glassman has established its own web presence. Heaver said the TSA SATERN will re-establish a web presence soon.

On his QRZ.com profile, Glassman, an Assistant Emergency Coordinator for South Texas District 14 Amateur Radio Emergency Service (ARES), cites “a conflict of ideals.” Among

net, “we would have gladly backed off and let it continue under TSA.” He notes that SATERN began as an independent organization that was an adjunct to The Salvation Army.

“We do not disparage TSA, nor do we permit others to do so,” Glassman said. “We wholly encourage everyone to support TSA, ARES, ARC, and any other group that they wish.”

Glassman lists himself as co-manager of the Strategic Auxiliary Team Emergency Readiness Net, along with Ned Griffin, KL7QK. The net says its purpose is to provide backup communication support during disasters for those in need.

The “original” SATERN — the Salvation Army Team Emergency Radio Network — is a fully integrated Salvation Army program within The Salva-

tion Army Emergency Disaster Services (EDS). It was organized in 1988 by Major Patrick McPherson, WW9E (SK).

The Salvation Army said SATERN's mission is providing effective emergency communications via amateur radio and other communication modes to provide a wide scope of assistance to disaster survivors during a disaster operation. “In carrying out its mission, SATERN recruits skilled volunteer radio amateurs who have been trained in disaster communications and other emergency disaster response practices,” TSA said in its announcement.

other things, he said he was put off by a building list of requirements imposed by The Salvation Army that included credentialing and background checks.

Glassman told ARRL that the net retained the SATERN acronym because it was familiar to net users, “plus the fact that TSA pretty much decided to dissolve the daily 20-meter net with no plans to replace it, and we did not wish the regulars to be kept hanging. We changed what the acronym stands for. We also have a pending trademark on the name and logo.”

Glassman said that if TSA had displayed any desire to continue the daily





# IARU Attends ITU Wireless Power Transmission Sessions



The International Amateur Radio Union (IARU) represented the Amateur Service at a recent International Telecommunication Union (ITU) recent virtual meeting on the topic of wireless power transmission

(WPT), attended by some 350 delegates. ITU Working Party 1A Working Group WG1A2 was of most relevance to IARU, covering the topic of WPT. The focus is on WPT's impact on the radio spectrum.

IARU contribution centered on proposing amendments to material submitted by other delegations and a new annex that documents measurements of typical amateur signal levels, comparing these to test data from the US on non-beam WPT emission levels and to suggested limits.

"Most of the discussions on the detail were resolved with a degree of compromise, and the latest drafts will be attached to the chairman's report for the meeting," IARU Region 1

reported. Remaining technical issues include:

" Whether E-field antennas are as susceptible to WPT-EV (WPT Electric Vehicle) emissions as H-field antennas. " The true noise levels in residential areas, with WPT developers claiming that WPT emissions will not be significantly above the (now-elevated) noise level.

In terms of the E-field sensitivity to WPT emissions, the proposed work plan submitted by IARU to the European Commission, for WPT-EV tests in the Joint Research Centre, included proper E- and H-field measurements. "IARU member-society DARC [Germany] has made good progress with the rollout of its ENAMS automated noise measurement system, and IARU is now able to draw heavily on that data," IARU Region 1 said. "The WPT Emissions document has been under discussion for some time. Here, there is no agreement yet on whether this should be a Report or a Recommendation, and the work has been carried forward to the next meeting in November 2021."

Discussion on so-called "beam" WPT covered a range of issues, including

amendments to the proposed frequencies (none are below 800 MHz). "Sadly, many proposed frequencies fall in spectrum which the Amateur Service shares with other services," IARU said. "However, given the nature of the technology and the directivity of amateur antennas in these frequency ranges, the prospect of coexistence seems quite good."

IARU has provided extensive input on the potential impact on radio communications resulting from spurious emissions from WPT devices. Given the planned density of WPT systems for electric vehicles operating in the 79 – 90 kHz range, widespread interference could occur to Amateur Service stations in the vicinity of WPT systems.



## Area Repeaters

### GMRS Repeaters

Location	Frequency	PL Tone	
AARC, Sunshine Bridge	462.550	210.7	Open
Delta 269, Chalmette	462.575	141.3	Open
DS600, Denham Springs	462.600	141.3	Open
LOHSEP 700, Livingston	462.700	Unlisted	Members Only
New Orleans	462.575	114.8	Open
P,ville-625, Prairieville	462.625	141.3	Open
WRDR343 (725), Baton Rouge	462.550	110.9	Open

# Area Repeaters

## LWARN Linked Repeaters

These repeaters are part of the Livingston Office of Homeland Security and Emergency Preparedness (LOHSEP). Amateur operators are welcome to use them.

Location	Frequency	Offset	PL Tone
EBR (Central)	442.4000	+	156.7
Greensburg	442.2750	+	156.7
Livingston	444.3500	+	136.5
St Tammany Parish	443.4250	+	156.7
Washington Parish	442.4250	+	156.7
West Feliciana	443.6250	+	156.7

## D-WARN Linked Repeaters - System Fusion

Location	Frequency	Offset	PL Tone	Notes
Baton Rouge	145.4900	-	107.2	
Baton Rouge	443.3750	+		
Bush	443.4000	+	114.8	
Bush	145.4700	-	114.8	
Jackson	443.8500	+		
Livingston	145.2300	-	107.2	
Madisonville	444.8750	+	118.8	
New Iberia	442.0250	+	103.5	
New Orleans	444.2250	+	114.8	
Parks	443.2000	+	103.5	
Shreveport	444.8750	+		
Slidell	442.8750	+	114.8	
St. Francisville	147.2850	+	107.2	
Convent	443.2750		107.2	
West Monroe	444.7000		127.3	Use PL Tones for Analog Operation

[www.dwarn.org](http://www.dwarn.org)

# Area Repeaters

## Gulf Coast Link Repeaters - DMR

Location	Frequency	Offset	CC
Baton Rouge	443.1000	+	1
Convent	442.0750	+	1
Laplace	442.6750	+	1

Talkgroups			
Name	TS	TG	Access
Local / Cluster	1	2	Full-Time
Worldwide English	1	91	PTT
North America	1	93	PTT
TAC 310	1	310	PTT
Southeast USA	1	3174	PTT
Hurricane Net	1	3199	Full-Time
First Coast (NE FL)	1	31121	PTT
ArkLaTex	1	31229	PTT
AMSAT	1	98006	Full-Time
Local or Reflector	2	9	PTT
Louisiana	2	3122	Full-Time
Gulf Coast DMR	2	31011	Full-Time
Louisiana Chat	2	31220	Full-Time
Southeast Louisiana	2	31225	Full-Time
Public Safety Chat	2	31623	PTT

Note: The Baton Rouge Repeater is currently experiencing internet connectivity issues.

**[www.gulfcoastlink.com](http://www.gulfcoastlink.com)**

## D-STAR

Location	Frequency	Offset
Baton Rouge	442.9250	+

Note: The Baton Rouge Repeater is currently experiencing internet connectivity issues.



# Area Nets

Sunday		
Post Office Net	3.905 MHz 75m	7:00 - 7:30 AM
Delta Net	3.905 MHz 75m	7:30 - 7:45 AM
QCWA	3.905 MHz 75m	8:00 AM
ARES Region 2 Net	146.790 MHz - PL 107.2	8:00 PM
BRARC Public Service Net	146.790 MHz - PL 107.2	8:30 PM

Monday		
BRARC 10 Meter Net	28.450 MHz	7:30-8:00 PM

Tuesday		
LOHSEP 2 Meter Net	147.165 MHz + PL 107.2	7:30 PM

Wednesday		
MISSLOU 2 Meter Net	146.835 MHz - PL 114.8 Echolink KD5UZA-R	8:00 PM
SELSA NET (Wilson, LA)	146.520 MHz Simplex	9:00 PM

Thursday		
LARS Net	146.730 MHz - PL 107.2	7:00 PM
Ascension Radio Club Net	147.225 MHz PL 107.2 Echolink K5ARC-R	8:00 PM
<i>Amateur Radio Newsline is played during this Net.</i>		

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