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Thursday December 5, 2024 — AARA Christmas Social will be held at [Candyland Cottage & Ice Cream Shop](#) in Scott, LA at 6:00 PM. See page 2 for details.
NO VE TESTING OR BUSINESS AT THIS EVENT



Words from the Editor

Ramona and I would like to wish everyone a "Merry Christmas" & a "Happy New Year".



We hope your Thanksgiving holiday went well and your upcoming Christmas likewise.

Our Thanksgiving Day was a very quiet one, Ramona fixed turkey, cornbread dressing, cranberry sauce, green bean casserole, hot dinner rolls, pecan pie and wine to top off the dinner. Afterwards a nice nap to finish off the day.

I would like to receive articles from ham radio operators to share with others, concerning their ham radio experiences for my newsletter.

The new year should be very exciting as we will have a new President in office on January 20, 2025. The future is looking good so far. May the new year find good health and prosperity for all. **GOD BLESS AMERICA**

de Herman KN5GRK



My website is hosted by:



"The best and most beautiful things in the world cannot be seen or even touched – they must be felt with the heart." – Helen Keller

Ham Radio - We Talk to the World!

AARA CLUB NEWS



Club Elections:

At the November 7, AARA General Meeting, elections for officers for the year 2025 were held and the outcome is as follows:

President - Michael Cavell KI5ARX
Vice President - Ken Turner KG5YYL
Secretary - Tyler Abshire KJ5FOI
Treasurer - Walt Comeaux KI5OQE

Members-at-Large
Chance Odell KJ5CYB
Phil Verret KA8ZKR
Randy Hernandez KI5OQD

Club Dues:

AARA Club dues and the membership application form will remain the same for 2025. The membership application and a method for paying dues online is available on the Club website W5DDL.org. Additional means for applying for membership and paying dues are listed on the membership application.

AARA Annual Christmas Social

The Christmas Social will be held on December 5, 2024 at 6:00 PM at the [Candyland Cottage & Ice Cream Shoppe](#). Chris Ancelet (N5MCY) will be serving his famous chili in the back of the business. Brandy Oge and Julie Hernandez will be cooking up some nice cornbread to go with the chili. This will be served around 6:30. A tab for soft drinks and water is to be opened for the event. Six gift cards will be given as door prizes. Members are encouraged to bring a desert or patronize the [Candyland Cottage & Ice Cream Shoppe](#).



 **Candyland
Cottage
& Ice Cream Shoppe** 

*Merry
Christmas*

... AND HOT DOGS, TOO!



Acadiana Amateur Radio Assoc., Inc. (AARA) VE Test Session Results November 7, 2024



Pretty good evening !!! Had 4 testing of which all passed the tech test and one passed the general also.

Those passing the Technician Class were: Jeremiah Reddoch KJ5IWW of Lafayette, LA, Arthur J. Lamke KJ5IWX of Port Barre, LA and Anthony W. Buccella KJ5IVC of Darreau, LA.

The lone General Class was David J. Doiron KJ5IWH of Lafayette, LA.

The VE's in attendance were: Greg ~ K5LFT, Ray ~ N5KIR, Larry ~ K5KEB, Michael ~ KI5ARX & Ken ~ KG5YYL. Congrats to all and TNX to all VE's for the help. 73, de Greg ~ K5LFT

When possible, Amateur Radio Examinations (VE Exams) will be conducted prior to the club meetings starting at 6:00 PM. Information regarding VE Exams can be found here:

<http://www.w5ddl.org/VE%20Exams.htm>

Please arrive as early as possible to help insure adequate time is available to complete your exam before the meeting starts.

Anyone needing additional information regarding VE Exams should contact Greg Dolan K5LFT at:

k5lft@arri.net

Clubs Celebrating Christmas Socials

Central Louisiana Amateur Radio Club Annual Christmas Banquet

Date: Tuesday December 3, 2024

Time: 6:30 PM

Location: Bellino's Restaurant
4619 Jackson St.
Alexandria, LA. (Next to Mac's on Jackson St.)

****No payments at the door.**** You must have paid in advance.

We will welcome our 2025 Board of Officers as they take their positions officially at the banquet!



The Acadiana Amateur Radio Association, Inc. Annual Christmas Social

Date: Thursday December 5, 2024

Time: 6:00 PM

Location: [Candyland Cottage and Ice Cream Shoppe](#)

Chris Ancelet's chili will be served around back along with cornbread made by Brandy Oge and Julie Hernandez at 6:30 pm. A tab for soft drinks and water is to be opened for the event. Six gift cards are to be given as Door Prizes. Members are encouraged to bring desert or patronize the Candyland Cottage and Ice Cream Shoppe. **No VE testing or Club business is scheduled for the Social.**

The Louisiana Delta Radio Club's Christmas Party

Date: Saturday December 7, 2024

Time: 2:00 PM—4:00 PM

Location: [Golden Corral in West Monroe](#) meeting room
200 Basic Dr, West Monroe, LA 71292

We will have loads of fun!... Go through the line, pay for your meal, and come to the room. We will have a DIRTY SANTA!!!! Generic gift, \$20 bucks max. IF you want to participate, BRING A GIFT!

Dues Renewal are December. \$20.00 per individual ham, \$10.00 for every adult amateur operator in your household. PayPal at paypal@kc5dr.org, Venmo \$kc5dr

We should have some club tee shirts in 2x 1x and large. Each shirt \$20.00 We will have an online order form

AMATEUR RADIO POSTAGE STAMP CELEBRATES 60TH ANNIVERSARY SPECIAL EVENT

Beginning December 1, 2024, through January 31, 2025, the [Utah DX Association](#) will operate special event station [K7S](#) to celebrate the 60th anniversary of the amateur radio stamp and the 110th anniversary of the American Radio Relay League (ARRL).

K7S will operate on all bands and all modes, focusing on 7.260, 14.260, 21.300, and 28.470 MHz. A QSL card and a free "used" amateur radio stamp will be available.

The "Amateur Radio" postage stamp was issued in 1964 to honor the Amateur Radio Relay League for its important work during the devastating 1964 Alaska earthquake. In the aftermath of this natural disaster, amateur radio operators provided essential emergency communications, which greatly aided relief and rescue operations.



See page 11 for more information



SKYWARN Recognition Day



SkyWarn™ Recognition Day December 7, 2024

(December 6 7 pm ET - December 7 7 pm ET)



The first SKYWARN™ Recognition Day was observed in 1999. It was created by the N.W.S. and the American Radio Relay League (A.R.R.L.). The two organizations decided that the day would be commemorated on the first Saturday of every December.

N.W.S. is an American governmental agency whose focus is to report on usual and unusual weather conditions. They issue warnings and emergencies if the weather is expected to take a turn for the worst.

N.W.S., which is headquartered in Maryland, Washington, believes it is their responsibility to protect people from harm caused by adverse weather. The agency collects its information through more than 120 offices all over the country.

The American Radio Relay League (A.R.R.L.) is another organization that helps N.W.S. receive and report accurate weather conditions. Formed in 1914, it is the largest non-profit organization for amateur radio enthusiasts. The co-founders, Hiram Maxim and Clarence Tuska, were both associated with the radio agency. Their interest in the field saw them coming together to create A.R.R.L. in order to give a chance to those who were not from the field but still wanted to contribute to it. The organization provides technical training, education, sponsorships, and assistance to its members, many of whom have gone on to volunteer as SKYWARN™ reporters for N.W.S. An A.R.R.L. membership is not limited to America as more than 7,000 members of the total 161,000 members belong to other countries. The organization holds several conventions and publishes a special journal called "QST". Every year, about 290,000 report on any weather irregularities. Such reports have worked to lessen the overall damage, allowing people and organizations to save money as well.



1. Object:

SKYWARN™ Recognition Day serves to celebrate the contributions to public safety made by amateur radio operators Skywarn Spotters during threatening weather.

- Amateur stations to exchange QSO information with as many National Weather Service Stations as possible on 80, 40, 20, 15, 10, 6, and 2 meter bands plus the 70 centimeter band. Contacts via repeaters are permitted.
- Non-Amateur Radio Spotters to exchange weather information as often as possible via Social Media with NWS Offices.

2. Date: NWS stations may operate at any time during December 7, 2024 from 0000 - 2400 UTC.

3. Exchange: Call sign, signal report, QTH, and a one or two word description of the weather occurring at your site ("sunny", "partly cloudy", "windy", etc.).

4. Modes: NWS stations will work various modes including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append "NWS" to their call sign (e.g., N0A/NWS). NWS offices may also participate via Social Media platforms throughout the 24 hour period.

5. Station Control Operator: It is suggested that during SRD operations a non-NWS volunteer should serve as a control operator for your station.

6. Event and QSL Information: The National Weather Service will provide event information via the internet. Event certificates will once again be electronic and printable from the main website after the conclusion of SRD.



STORM SPOTTER CLASS 2024

December 5 @ 11am
Lafayette Parish EOC
1810 W. Willow
Scott, Louisiana

The National Weather Service in Lake Charles will be conducting spotter classes across southeast Texas and much of Louisiana over the next few weeks. There are 3 tools that National Weather Service meteorologists use when making decisions on severe thunderstorm and tornado warnings.

- 1: Radar Data
- 2: Spotter Reports
- 3: Environmental Information

This class will focus on training local spotters to safely examine thunderstorms and effectively report their information back to the National Weather Service. The National Weather Service will be working closely with county and parish Emergency Management Directors on scheduling these classes.

Class Content:

- The Importance of Spotters
- Radar Fundamentals
- What Spotters Need to Report
- Where to Relay Spotter Information
- The Importance of Accurate Information
- The Role of the National Weather Service
- Severe Storm Cloud Features
- Air mass Thunderstorms
- Severe Thunderstorm Ingredients
- Squall Line Thunderstorms
- Supercell Thunderstorms
- Effective Spotter Positioning
- Tornado Characteristics
- Thunderstorm Hazards
- How to Receive Warnings
- Spotting at Night

Class Audience:

- Law Enforcement
- Fire Departments
- Emergency Management
- Elected Officials
- Amateur Radio Operators
- 911 Centers
- Department of Highways
- Healthcare Partners
- Marine Partners
- Coast Guard
- School Districts
- TV and Radio Media
- Social Media Partners
- General Public

Acadiana SkyWarn Net Activated

The *Acadiana Skywarn Net* was activated November 5, 2024 on the 146.82 W5DDL repeater after a Tornado Warning was issued for the Lafayette/Acadiana area. Later a tornado hits the small town Basile, LA injuring three persons. The National Weather Service said it was an EF1 tornado with winds at 95 mph. The length was 1 mile, and the width was 150 yards.

The net kicked off at 8:45 AM after the warning was issued at 8:30 AM. The net ended at 10:45 AM after the warning expired at 10:30 AM—a total net time of two hours.

The following amateur radio operators participated in this net:

NM5OR Barry — KI5OQD Randy — KJ5GIH Curtis — KF5AHM James and KN5LSU Chester.

No significant weather observations were made. However, participants provide updates on the progress of the storm from local media and internet radar.



SARA Christmas Tail-Gate Hamfest

Sponsored by the Shreveport Amateur Radio Association

Date: Saturday December 7, 2024

Time: 9:00 AM - 2:00 PM

Location: SARA Clubhouse
9249 Jefferson Paige Rd.
Greenwood, LA 71033

Website: <http://www.k5sar.com/event/sara-christmas-tail-gate-hamfest/>

Contact: Ronnie Hull W5SUM
Phone: (318)550-8269
E-mail: w5sum@yahoo.com



The annual Minden Christmas Hamfest usually held in December has been cancelled. As a replacement, the SARA Club in Shreveport, Louisiana has allowed the [Minden Amateur Radio Association](#) (MARA) group to have a tailgate setup at the Greenwood Flea Market on the east end of the parking lot near the SARA clubhouse. Refreshments will be served at the Greenwood Flea Market Restaurant around 8:00 AM before the Tailgate

The SELARC 43rd Annual Hamfest 2025

Date: Saturday, January 18, 2025

Time: 8:00am - 4:00pm

Admission: \$5.00 Admission (includes 1 prize ticket)

Website: <https://www.selarc.org/about/hammond-hamfest.html>

Talk-in: 147.000 PL 107.2

Hamfest Flyer: [Click here](#)

Location: Ponchatoula Community Center
300 N. 5th St.
Ponchatoula, La. 70454

Contact: Tyrone Burns - N5XES
985-687-2139 / n5xes@arrl.net
www.selarc.org/10-hamfest.html
Email: wb5net@arrl.net
POB 1324, Hammond, La. 70404



Some HF Net Changes

The [Louisiana Traffic Net](#) (LTN) that takes place on 3910 KHz at 6:30 PM daily is looking for Net Control Stations in the southeast part of Louisiana. At the time most NCS are located in the southwest Louisiana area. This would help out in case of some communications are needed when emergencies arise.

The [Texas Traffic Net](#) is now back on 3873 KHz at 1830 hours from Monday thru Saturday.

[SANTA NET](#) kicks off Friday, November 29th at 7 PM on 3.916 MHz. Share the magic of Ham Radio and Santa Claus with your children, grandchildren, and neighborhood kids.

The [Santa Net](#) is held every evening between Thanksgiving and Christmas on 3.916 MHz at 7:00PM Central Time (check-ins open 1/2 hour before).



The Louisiana Section Simulated Emergency Test (SET)

Saturday, December 14, 2024, from 9:00 AM to 10:30 AM CST.

This simulated emergency test exercise plan is based on the premise that periodic emergency drills enhances the ability of emergency communicators to perform in actual emergencies and that such improves and promotes problem solving.

The complete SET plan can be found at:

<https://www.wpcde-911.com/wp-content/uploads/2024/11/SET-2024.pdf>

A synopsis of the SET plan is shown below.

Winter Storm Nicholas

A squall line of intense thunderstorms is occurring parallel to and ahead of Winter Storm Nicholas which has a fast-moving, well-defined cold front. The squall line extends 100 to 300 km (60 to 80 mi.) ahead of the front with uge supercell storms causing severe weather over much its length. Wall clouds, an area of rotating clouds that extends beneath a supercell thunderstorm, are being noted all along the cold front as the front moves across Louisiana. Funnel clouds are being reported. NWS radars are showing hook echoes, indicating the presence of severe thunderstorms and the presence of mesocyclones.

This squall line enters Region 7 and 8 at 9:00 AM.

This squall line enters Region 6 at 9:15 AM.

This squall line enters Region 2,4,5 and 9 at 9:30 AM.

This squall line enters Region 1 and 3 at 9:45 AM.

The squall line precedes a period of freezing precipitation which will develop throughout the state creating a thin layer of imperceptible ice on roadways. Cars will slide off of freeways and streets resulting in accidents, including a pile-up of over 100 vehicles on your local interstate or Louisiana highway, leaving several fatalities in its wake. Due to the impassable roads and state-wide blackout, there will be shortages at grocery stores.

While the 2024 exercise plan for “Winter Storm Nicholas With Tornado Activity” sets overall weather conditions for this state, the DEC and ECs should develop local scenarios and operational challenges that are appropriate for their Parish and/or Region.

Again, this year’s SET scenario is not based on just a single event, but will include various local events generated by ECs, DEC, or OHSEP managers.

During the exercise, real world emergencies, if they occur, will take priority over the simulated emergency. For the purpose of this exercise, assume that :

- Best projection of storm path and associated data is attached.
- All commercial communication systems including LWIN are out of service due to system overload, wind and icing damage.
- Commercial power is not available at first due to sporadic wind damage followed by widespread out-ages due to icing damage.
- Ham radio (hf, vhf, uhf, 1.2 Ghz, etc), CB, SHARES and GMRS systems are operation
- The ICS Form 205 on pages 8 and 9 is for use during this drill. Basic statewide frequencies are shown on the form. Local tactical and command frequencies should be transferred to your local ICS Form 205 from the attached ICS Forms 217 as needed.
- The Louisiana State EOC amateur radio station has been damaged and is unable to operate. WB5LHS has been moved to Ascension Parish and is operational as per ICS Form 205 (Page 8).

DEC/ECs are reminded that their 2024 SET reports, Form A and Form B can be found at <https://ares.arrrl.org/aresset/> and can be submitted online subsequent to the exercise.

*James Coleman AI5B
Louisiana SEC
Cell (985) 516-2632*





via Hackaday: What's Your SWR? Are You Sure?

If you are involved in any sort of radio transmission, you probably have at least heard of SWR or standing wave ratio. Most transmitters can measure it these days and most ham radio operators have tuners that measure it, also. But what are you measuring? [KI8R] points out that if your coax has loss — and what coax doesn't? — you are probably getting [an artificially low reading by measuring at the transmitter](#).

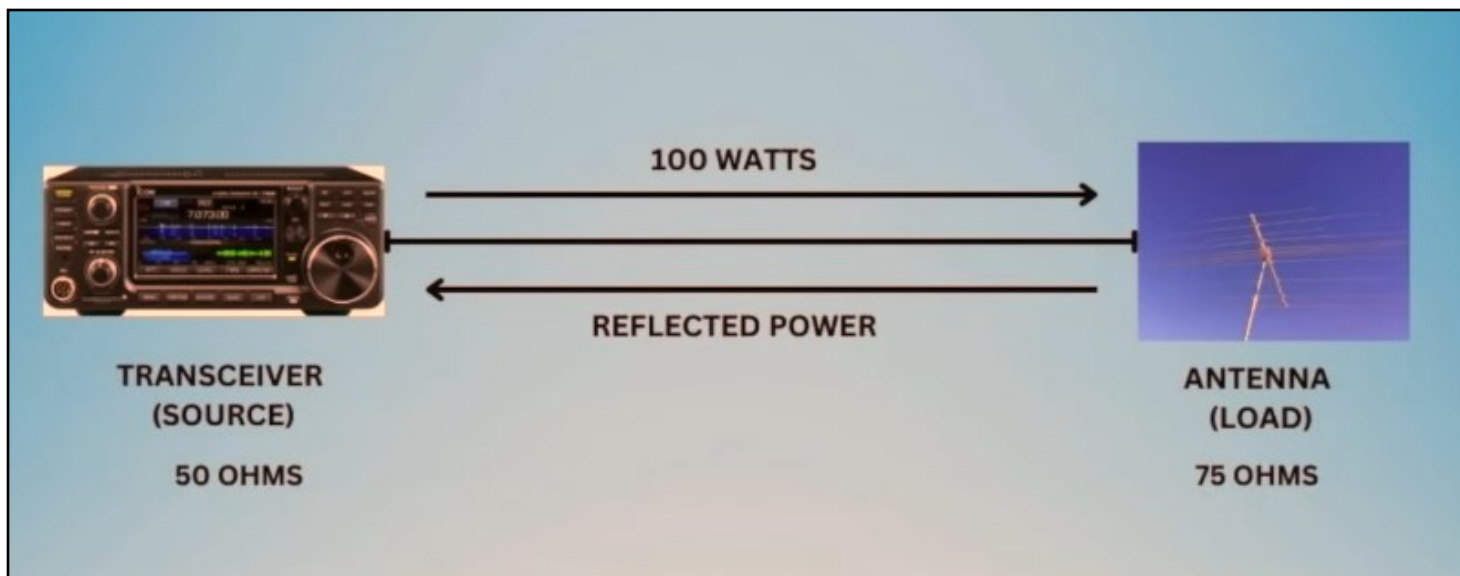
The reason is that most common SWR-measuring instruments pick up voltage. If you measure, for example, 10V going out and 1V going back, you'd assume some SWR from that. But suppose your coax loses half the voltage (just to make an obvious example; if your coax loses half the voltage, you need new coax).

Now, you really have 5V getting to your antenna, and it returns 2V. The loss will affect the return voltage just like the forward voltage. Reflecting 2V from 5 is a very different

On the other hand, as [KI8R] points out, SWR isn't everything. In the old days, you'd load your transmitter's finals into just about anything. Now, solid-state rigs expect to drive a low SWR, or they will crank down the power to prevent the reverse voltage from damaging them.

Overall, it is a good talk about a subject that is often taken for granted. Of course, with cheap VNAs, you can easily measure SWR right at the antenna, often with [disappointing results](#). If you have [trouble visualizing standing waves](#), we know someone who can help.

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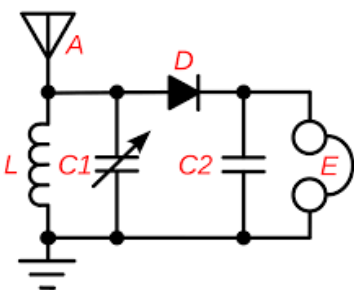


Did you ever?

Build a Crystal Radio Set

The popularity of radio quickly grew, and by 1922, over 500 stations were broadcasting across the United States, sharing news, music, and entertainment programs to eager listeners. Radio became the first mass medium capable of reaching households nationwide, transforming how people consumed information and enjoyed leisure time.

For young people, the excitement of radio was amplified by the hands-on experience of building their own crystal radio receivers. These simple devices, made from inexpensive materials like wire, a crystal, and a few basic components, allowed them to tap into broadcasts without needing a commercial radio set. Crystal radios didn't require electricity, relying instead on the power of the radio waves themselves, which added to the appeal. With headphones attached, young enthusiasts could listen to their favorite stations and explore the new world of sound, sparking an interest in both technology and the emerging radio culture.



The act of building a crystal radio also became a popular educational activity, fostering an early interest in engineering and electronics among young listeners. Schools and magazines published guides, encouraging students to experiment with radio technology at home. The rise of radio as a social and cultural force during the 1920s wasn't just about the content being broadcast—it also marked the beginning of a do-it-yourself (DIY) tech culture, where individuals, especially young people, became more connected to the technology they used. This early passion for radio laid the groundwork for later technological innovations, from amateur radio hobbies to the eventual development of television and beyond.

Crystal radios are the simplest type of radio receiver and can be made with a few inexpensive parts, such as a **wire for an antenna (A)**, a **coil of wire (L)**, a **capacitor (C1)**, a **crystal detector (D)** sometimes a natural galena crystal called a “*cat whisker*”, and **earphones (E)** (because a crystal set has insufficient power for a loudspeaker).

Cat whisker detector

RADIO DETECTOR

GALENA PATENT NICKEL DETECTOR CUP AND BINDING POST

SLIDING HARD RUBBER KNOB

NICKEL HOLDER AND BINDING POST

SOLID COMPOSITION BASE

This is the smallest and lowest priced detector on the market. It does a variety of things as well and better than many \$5.00 detectors. Has composition base; all metal parts nickel plated; furnished complete with galena crystal. Study illustration and notice new features. Note particularly patent nickel detector cup and binding post. Size 1½ x 1¼ x 1 inch. Sent prepaid anywhere. Price complete **50c**

If you build your own radio set you must have the RASCO catalog containing 185 illustrations and 50 vacuum tube connection diagrams—the greatest collection published in any catalog. Catalog contains the greatest assortment of parts and raw materials in U.S. Send 15c in stamps or coin for this catalog "Rasco Has It."

RADIO SPECIALTY COMPANY, 98E Park Place, N. Y. City



While it never regained the popularity and general use that it enjoyed at its beginnings, **the crystal radio circuit is still used**. The Boy Scouts have kept the construction of a radio set in their program since the 1920s.

They do not need a battery or power source, except for the power that they receive from radio waves using their long outdoor wire antenna.

DECEMBER 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Schedule of Events

- ◆ December 5 — AARA Club Christmas Social at [Candyland Cottage & Ice Cream Shop](#) in Scott, LA at 6:00 PM.
- ◆ December 7 — Pearl Harbor Day
- ◆ December 7 — SKYWARN™ Recognition Day
- ◆ December 7 — SARA Christmas Tailgate Hamfest
- ◆ December 14 — Louisiana SET
- ◆ December 25 — Christmas Day



ACADIANA 2 METER NET REPORTS NOVEMBER 2024

Net Name	Sessions	Check-ins	Total Time
AARA Monday Night Net - 146.820 @ 7:00 PM Monday	4	75	225
Acadiana SkyWarn Net - 147.040 @ 7:00 PM Tuesday	4	50	127
Silent Key Memorial Net - 146.820 @ 7:00 PM Wednesday	4	67	171
Rag Chew Net - 147.040 @ 8:00 PM Thursday	2	21	293
Weekend Rag Chew Met - 147.040 @ 7:00 PM Saturday	5	45	871

Results posted on the 1st of the following month.

If the 146.820 is having problems, the alternate frequency will be the 147.040 repeater located in Duson,

Acadiana Amateur Radio Association, Inc. (AARA) members celebrating birthdays.



12/2	KJ5EJK	Stache	Rozas
12/9	NA5Q	Roland	Guidry
12/13	KI5OQE	Walter	Comaux
12/17	KJ5FJZ	Ed	Comeaux
12/19	KI5KKI	Antonio	Guiliory
12/19	KJ5HBU	Lonnie	Quebedeaux
12/20	KG5SSO	Barret	Oge
12/22	KD5VPC	Gerard	Murphy
NA	KJ5EJM	Joseph	Hardwick
NA	NA	Ruth	Linscombe

60th Anniversary of the Amateur Radio Stamp and the 110th Anniversary of ARRL

Dec 1-Jan 31, 0000Z-2359Z, K7S, West Jordan, UT. The Utah DX Association. All bands, all modes; 7.260 14.260 21.300 28.470. QSL. Wesley Wilkinson, 7363 S Galaxy Hill Road, West Jordan, UT 84081 -3961. The first 200 confirmed contacts will receive a used Amateur Radio Stamp. SASE will be needed to receive your QSL. w7wes@yahoo.com, www.udxa.org or www.qrz.com/db/w7wes

QCWA Annual Special Event - W2MM 77th Anniversary

Dec 1-Dec 7, 0000Z-2359Z, W2MM, Sandpoint, ID. Quarter Century Wireless Association, Inc.. CW: 3.540 7.035 14.040 21.050 28.050 SSB: 3.810 7.244 14.262 21.365 28.325 FT8/FT4 . Certificate. QCWA Activities Manager, 1613 Poplar Street, Sandpoint, ID 83864. Stations will be active from around the country with this call sign www.qcwa.org

Flight 19, The Lost Avengers

Dec 7, 1300Z-2100Z, K4P, Fort Lauderdale, FL. Parrot Amateur Radio Club Inc.

14.240 7.210 18.150 21.315. QSL. Gerald Deitch, 2621 nw 105 lane, Fort Lauderdale, FL 33322. fogdaddy1@gmail.com

Pearl Harbor Remembrance Day

Dec 7, 1800Z-2100Z, N3TAL, Lanham, MD. American Legion Post 275 Amateur Radio Team. 7.275 MHz (+/-) LSB. QSL. American Legion Post 275 Amateur Radio Team, 8201 Martin Luther King Jr Hwy, Lanham, MD 20706.

N3TAL275@gmail.com or www.qrz.com/db/n3tal

Big Bend ARC 50th Anniversary

Dec 14, 1500Z-2300Z, K5O, Alpine, TX. Big Bend ARC. 7.240 14.320 21.350 28.400. QSL. Big Bend ARC, 1402 N 5th Street, Alpine, TX 79830.

www.bigbendarc.org

Wright Brothers First Flight

Dec 17, 1400Z-2100Z, W8W, Bellbrook, OH. Bellbrook Amateur Radio Club (BARC). 7.217 14.317 21.317; all bands, all modes. Certificate. WrightFlight-BARC, E-certificate only, email WrightFlight@bellbrookarc.org, OH 45305.

<https://bellbrookarc.org/wp>

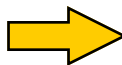
Winter Olivia Digital Mode QSO Party

Dec 25-Dec 31, 0000Z-2359Z, NW7US, worldwide. Olivia Digital DXers Club. 14.071 7.071 21.071 28.121. Certificate. Tomas Hood, PO Box 110, Fayetteville, OH 45118. 2nd Annual Olivia Digital Mode Winter QSO Party - worldwide. See website for complete details. <https://OliviaDigitalMode.org>

Battle of Trenton

Dec 26-Jan 2, 0059Z-0059Z, W2T, Trenton, NJ. Delaware Valley Radio Association. 14.280 21.280 28.430 7.220. Certificate & QSL. Delaware Valley Radio Association, PO Box 7024, Trenton, NJ 08628.

www.w2zq.com



HERMAN CAMPBELL KN5GRK
416 DALE ST.
LAFAYETTE, LA 70501 - 2012
kn5grk.com



Complimentary
Issue