



Deep East Texas Amateur Radio Club

DETARC, Inc.
Lufkin, TX

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Roger K0YY Editor,
k0yy@arrl.net

1. DETARC/ARES INFORMATION:

Club Officers: President- Steve KG5ODZ, Vice President/Repeater Trustee- Mike WD5EFY, Secretary- RM K5AGE, Treasurer- Randy N5CRW.

DETARC Club Web Page: www.detarc.net

DETARC Email Reflector: To join send an email request to: detarc@detarc.net

DETARC Meeting Times/Location: Fourth Thursday of the month at 7 PM at the old armory on Tulane Drive, across from Kiwanis Park.

DETARC/ARES Net: 146.940 MHz-600, 141.3 CTCSS. Every Tuesday at 8 PM, alternates 147.360+600 MHz, 141.3 CTCSS, or 146.42 Simplex.

ARES Wide Area Net: The third Monday at 8:30 PM on the 94 repeater. The 94 repeater is linked to several regional repeaters for this wide area net.

Texas ARES HF Net: Mondays 7:30 PM, 3.873 MHz. Lufkin is in District 2. Check in by district.

DETARC Repeaters: 146.940 MHz-600, 141.3 CTCSS, W5IRP-R, high level repeater with linking for emergencies to most regional repeaters. 147.360+600, 141.3 CTCSS, local coverage. 146.980-600, CTCSS 141.3 (in Alto). 444.975+5 MHz, CTCSS 107.2 local coverage with an Echolink node and an Allstar link node. Allstar Sysop- Kris K5KRK, Echolink node-- K5KRK-R, Allstar node-- 27272.

DETARC also supports APRS and WinLink:
APRS Digipeater and Igate 144.390 MHz (Lufkin)
WINLINK node 145.050 MHz (Lufkin) (High level).
(Packet Radio repeater/node)
K5KRK-10 Packet node 145.070 MHz (local)

DETARC/ARES News:



DETARC/ARES members have you upgraded, or recently accomplished something special in Ham Radio? Are you working on a special project? Do you have a good information item for the Club? Share it with fellow Club members and let us all know what you are doing. Contact k0yy@arrl.net to share it in the Newsletter or bring it up at a meeting or the new 4th Saturday DETARC Social Gatherings. (See upcoming events for details). We'd like to hear about what you are doing.

Door Prizes: The Club meetings now have door prizes thanks to Gary KI5LR.

Be sure to get your tickets for the door prizes. You can send in cash with a friend if you can't make the meeting.

Door Prize Donation: Each attendee receives one free ticket for showing up. For each dollar donated to the prize fund you will receive one additional ticket. See Gary KI5LR for additional details.

March door prize winner— Hartzel N5HEJ.

Old Armory Comm Room: There was a work party for the Comm Room on Saturday March 11th.

Here is a report from Mike WD5EFY— "We had a good turnout, started at 0800 at IHOP then migrated to the Armory and got to work about 0915. Got a lot done! We started with the walls and got the wall the door is in stripped of the old paint then chipped and peeled paint from the window wall. Patched all the holes in the walls then did a spray texture on the

door wall because it had some irregularities in it. While that all dried, we set up a table (one of the donated ones) and ate. Megan went after tacos and drinks so we had a feast. Got two coats of paint on all the walls and one coat on the bookshelves (after a good sanding). Looking really good in there now." —Mike WD5EFY.

Workers attending the work party: Thanks folks! "Phil" Thrash – WB5KSY, Steve Glass – KB8QWN, Megan Glass – KB5MEG, Mike Miles – WD5EFY, Jeanie Miles – KE5CKM, Randy Ware – N5CRW, RM Blake – K5AGE, Steve Jackson – KE5CJE, Jerry Black – KC5JWB, Gary Antley – KI5LR, and Kirk Looney- KF5CGS.



Old Armory Comm Room in work. Good job folks!

DETARC/ARES upcoming projects/events:

NEW-- DETARC Social Gathering March 25th, IHOP 10:30 AM. This is a **monthly occurrence on the 4th Saturday**. Stop in and visit with your Ham friends. Put it on your calendar now, don't forget.

Hudson Search & Rescue (SAR) Event May 20th & 21st, radio operators needed, Marine Corp League and multiple SAR teams again involved.

"Hurricane Charlie" state-wide Exercise, 7-8 June, need radio operators.

Neches River Rendezvous June 3, Many radio operators needed. See Steve KB8QWN.

FIELD DAY, June 24-25th. W5IRP Club station?

2. Upcoming Ham Radio Contests/Special Events:



SELECT HAM CONTESTS: (There are many more).

2 Apr, North American SSB Sprint Contest

15-16 Apr, North Dakota QSO Party

16 April, Rookie Roundup – Phone

SELECT HAM SPECIAL EVENTS:

04/01/2017 Chisholm Trail 150th Anniversary, W5C, Decatur, TX. 28.340 21.340 14.260 7.240.

04/28/2017 City of Baton Rouge 200th Anniversary
Apr 28-May 8, 0000Z-2359Z, N5B, Baton Rouge, LA. Baton Rouge Amateur Radio Club. 14.240 14.060 7.240 7.060

HAMFESTS:

None in our area this month.

For further details on contests/special events see:

www.hornucopia.com/contestcal/

www.arrl.org/contest-calendar

www.arrl.org/special-event-stations

http://www.cq-amateur-radio.com/cq_contests/cq_annual_contest_calendar/cq_annual_contest_calendar.html

<http://www.rsgbcc.org/hf/>

3. AMATEUR RADIO

EMERGENCY SERVICE® (ARES)

Roger K0YY, Angelina County Emergency Coordinator (EC). k0yy@arrl.net

Steve KB8QWN Assistant EC (AEC)

Mike WD5EFY, South Texas ARES District 2 Area DEC (Angelina & Surrounding Counties).



Come Join Us!

GO KITS: Hurricane season is coming. Are your radios properly programmed with the Regional Repeater Frequency List? Do you have an up to date Equipment and Admin Go kit complete with all the forms you will need during an incident? Check out the Regional Repeater Frequency List and sample Go Kit Lists on the ARES Forms and Lists page at www.detarc.net You can download any forms you may need for your Go Kit.

SETS: We are planning another Simulated Emergency Test (SET) in conjunction with a State-wide "Hurricane Charlie" exercise on June 7th & 8th. We plan to have operators deployed to several operational locations around the area. More information to follow.

NCS ASSIGNMENTS: We recently published a Net Control Station (NCS) assignment list for all ARES operators to take a turn at NCS duties on the weekly net. Contact k0yy@arrl.net with any questions or if you didn't receive the ARES Reflector email with the NCS Assignment List, Net Preamble, and Directed Net Protocol.

To join our ARES email reflector, send an email request to ares@detarc.net.

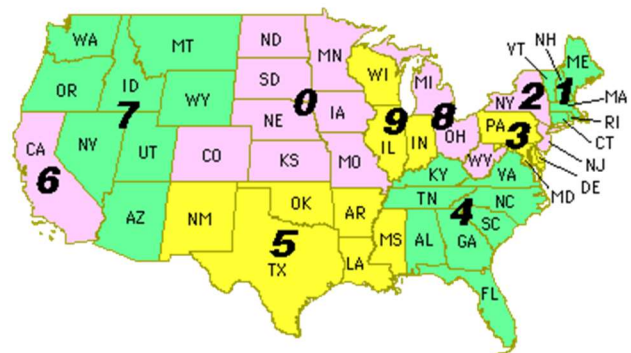
4. OPERATING:



Ham Radio Call Signs.

Roger K0YY gave a PowerPoint presentation on Ham Radio Call Signs at the March meeting. We discussed how call signs are issued, what call sign groups you are eligible for based upon license class, US issued call sign geographic areas, how to request a Vanity Call Sign, how to request a Special Event 1 x 1 call sign, and international call signs.

US Call Sign Areas in the lower 48 States.



5. REPEATER NOTES:

--Mike WD5EFY, Repeater Trustee/Technician.



Work on the UHF backbone linking system is progressing. This UHF linking system will provide high quality emergency linking for our regional emergency communications network. It will also allow linking to the Tyler area to cover the full hurricane evacuation route and shelter city locations.

6. ARRL NEWS:



Texas Club Distributes Copies of Ham Radio for Dummies to Schools, Libraries

ARRL web site 02/23/2017

The [Cedar Creek Amateur Radio Club](#) in Athens, Texas, has purchased and distributed copies of [Ham Radio for Dummies](#) by ARRL Contributing Editor Ward Silver, N0AX, to area schools and libraries. The book now is in its second edition.

Financed in part by a grant from LDG Electronics, the club determined to place a copy of the book in nearly every school and public library in the tri-county area around Athens. Club member and former teacher Glenn Hughes, KF5CTG, took on the task of distributing the copies, visiting with librarians and school administrators as he made the rounds.

The activity caught the attention of *The Athens Review*, which published an [article](#) about it on February 15.

RadioShack Again Files for Bankruptcy

--ARRL Letter, March 9, 2017

Once the go-to store for radio amateurs, electronics tinkerers, and shortwave listeners, [RadioShack](#) has filed for Chapter 11 bankruptcy for the second time in 2 years, placing the future of its remaining stores in jeopardy. The 1,743 retail outlets that survived RadioShack's 2015 bankruptcy were acquired by General Wireless Inc., an affiliate of Standard General LP, which, at the time, received US Bankruptcy Court approval to acquire the inventory and assume the leases of the RadioShack stores. Now down to 1,500 stores, RadioShack once boasted more than 5,000 stores nationwide. At least some of

RadioShack's 5,900 employees could be affected. That figure is down from 7,500 workers 2 years ago.

"The Company is closing approximately 200 stores and evaluating options on the remaining 1,300. The Company and its advisors are currently exploring all available strategic alternatives to maximize value for creditors, including the possibility of keeping stores open on an ongoing basis."

Dating its founding to 1921, RadioShack once offered a considerable array of name-brand Amateur Radio equipment -- even beams and towers -- along with home entertainment gear and discrete components -- including transistors, resistors, and capacitors. Its iconic 1960s-era catalog ran to more than 300 pages. In later years, it sold a fairly popular 2-meter handheld transceiver for a time, as well as Citizens Band equipment, 10-meter single-banders, and shortwave receivers. RadioShack's website is announcing a clearance sale, with some items steeply discounted.

"RadioShack did more to spread the early technology culture in the US than any other commercial institution," ARRL CEO Tom Gallagher, NY2RF, observed. "Its catalog was the *Boys' Life* of electronics." Unquote.

You have DXing Questions? Dr. DX has Answers! – The ARRL Letter March 16, 2017



The Southern California DX Club ([SCDXC](#)) has announced that "[Dr. DX](#)" is on call and ready to answer questions via e-mail from fledgling DXers. A team of experienced DXers will offer helpful replies to any and all DXing-related questions. The club

has also distributed a brochure to southern California Amateur Radio clubs to entice hams who are not yet DXers into that area of the hobby. Ham clubs outside of Southern California may [request](#) a PDF. The SCDXC says its efforts to promote DXing in general are not limited to southern California, and Dr. DX will take questions from anywhere. Through the Dr. DX program, new DXers may ask about equipment, operating techniques, antennas, QSLing, and related topics, and SCDXC Dr. DX team members will respond to every question. --
Thanks to SCDXC. Unquote.

7. BUILDERS AND EXPERIMENTERS:

Building a 4 to 1 balun:

--Gary KI5LR

There are different types of baluns and they have several uses. They are also something the average Ham can build themselves. Baluns are frequently used for impedance matching and to keep RF from coming back down a transmission line from the antenna. Gary recently built a 4 to 1 balun to use with his new inverted L antenna for HF. Baluns are described in antenna handbooks and special books on baluns. The Internet also has ideas and pictures.

Gary has pictures of several baluns he has built at "Gary David Antley" on Facebook.



4 to 1 balun by Gary KI5LR. Picture by KI5LR.

New Raspberry Pi Device:

--ARRL Contest Update Letter March 8, 2017

"The **Raspberry Pi Zero W** was released last week, featuring Raspberry Pi functionality in miniaturized form with WLAN and Bluetooth capability. At a retail price of approximately \$10, it could provide an excellent building block to equip your Amateur project with an embedded web browser, or network capability. Check out www.RemoteQTH.com server image for additional ideas." Unquote.

--Quoted From www.RaspberryPi.com

"To recap, here's the full feature list for the Zero W:

##1GHz, single-core CPU

##512MB RAM

##Mini-HDMI port

##Micro-USB On-The-Go port

##Micro-USB power

##HAT-compatible 40-pin header

##Composite video and reset headers

##CSI camera connector

##802.11n wireless LAN

##Bluetooth 4.0

We imagine you'll find all sorts of uses for Zero W. It makes a better general-purpose computer because you're less likely to need a hub: if you're using Bluetooth peripherals you might well end up with nothing at all plugged into the USB port. And of course, it's a great platform for experimenting with IoT applications." Unquote.

Do you like Experimenting? QEX Magazine Is the ARRL Forum for Communications Experimenters. See-

<http://www.arrl.org/qex>
--ARRL web site. (Requires paid subscription).

Quoted from the ARRL: The "QEX Mission is to:

1. provide a medium for the exchange of ideas and information among Amateur Radio experimenters,

2. document advanced technical work in the Amateur Radio field, and

3. support efforts to advance the state of the Amateur Radio art.

We strive to maintain a balance between theoretical and practical content. Articles range from simple construction projects to progress in radio theory.”



8. FOR SALE/WANTED:

Do you have something to sell or are you looking for a Ham related item? Place a free ad by sending ads to k0yy@arrl.net. (Kilo Zero Yankee Yankee).

Ad Rules:

1. Ham related only
2. DETARC/ARES Members receive priority.
3. Include asking price, name, call, and email address or phone number—**this is required for all ads.** You give your permission to publish your email address and/or phone number by submitting an ad.
4. Be specific, short & concise. Use brand and model numbers if available. State condition if appropriate- poor/fair/good/excellent
5. Newsletter Editor determines what is/isn't appropriate and may edit ads to fit or limit the number of ads.
6. Be aware that the Newsletter is shared among many of the regions Hams.
7. This is on a trial basis to see how it works.
8. **Disclaimer:** DETARC and Newsletter Editor are not a party to or responsible for transactions between individuals. Strongly recommend buyers thoroughly check purchases prior to completing any transaction.
9. The cutoff date to receive ads is the 15th of the month prior to the monthly meetings. The next month's Newsletter is published immediately after the DETARC/ARES monthly meeting the 4th Thursday of the month. For example: to

place an ad in the May Newsletter, your ad must arrive by April 15th.

Ham Radio Ads:

WANTED: Rohn 25 tower sections, 10 foot sections, 4 each in good to excellent condition. Contact Roger K0YY, k0yy@arrl.net.

FOR SALE: Kenwood TS-820S station with MC-50 mic and VFO-820 with cable kit. The receiver is very good as compared to my ICOM IC-735. Last time I tuned the rig up, maybe 6 years ago, I had full power of 100 watts. Selling as complete set will not sell separate. You will need a key to tune this radio to transmit. Asking \$600 cash. Contact Gary Antley K15LR gary.antley@consolidated.com

Editor's Notes: If you have an idea for the Newsletter or a question about Ham Radio of general interest to the members, drop a line to the editor at k0yy@arrl.net. We'll try to include the topic or answer the question in a future Newsletter.

Hamfest: Is there any interest in having a Hamfest in our local area? If you are interested, would you be willing to work helping organize it, and/or assisting to set it up and run it? Speak up.

60 years in Ham Radio and still loving it!
--73, Roger Krautkremer K0YY, Editor

You never know who you'll meet on the air!

