

DETARC, Inc.
Lufkin, TX



**Deep East Texas
Amateur Radio Club**

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Roger K0YY Editor,
k0yy@arrl.net

1. DETARC INFORMATION

Club Officers:

President- Steve KG5ODZ, Vice President- Randy N5CRW. Secretary- RM K5AGE, Treasurer- Patricia K5HER.

Club Web Page: www.detarc.net

Club Email Reflector: **Notice:** The old DETARC email reflector is no longer in use. Join the "DETARC of Lufkin" Google Group email reflector to receive Club information. To join contact Megan KB5MEG the Group Administrator.

Meeting Times/Location: Our monthly meeting is the 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, no tone, or 146.42 Simplex.

For additional information on DETARC/ARES see the web site at www.detarc.net

DETARC/ARES News:



Net Control Operators: Many thanks to Jerry KC5JWB for his great job. **Please step up and help out with NCS duties.** If you can't make an assigned date, please find someone to fill in for you. The May NCS is Gary KI5LR.

Door Prizes: Megan's Raffle Comments:

Our June quarterly prize will be the Tiny Trac 4 from Byonics: <https://www.byonics.com/tinytrak4/>

The Byonics TinyTrak4 is an APRS tracker controller, digipeater, and KISS TNC. When connected to a serial GPS and a radio, it can send and receive APRS position and telemetry packets, as well as act as a standalone smart digipeater. A computer running APRS software can be connected to the second serial port to provide mapping of received traffic.

C-ya there! KB5MEG

DETARC/ARES Projects/Events:

Fox Hunt:

We are planning another Fox Hunt to coincide with the CQ Magazine World-wide Fox Hunt **weekend of May 12th**.

All that is required to participate in the Fox Hunt is a basic 2-meter hand-held radio. All the better if you have built a 2-meter directional Yagi and have the adaptor to connect it to your handheld.

Fox Hunting is popular with Hams throughout the world. Some Clubs make it a full day by holding a BBQ picnic or meeting at a restaurant afterwards.

Some Clubs invite other local groups such as the Scouts to participate. This is a good way to introduce Ham Radio to new people.

The Hudson K-9 Search and Rescue (SAR) team is also interested in "Fox Hunting" in a slightly different area of searches, such as missing persons equipped with low power locator transmitters, as well as searching for Emergency Locator Transmitters (ELT) signals from downed aircraft. The SAR team in fact recently purchased the very popular VK3YNG "Sniffer 4" microprocessor

controlled advanced receiver designed specifically for locating hidden or lost transmitters. Hopefully this will become a joint learning effort for both groups with a common interest in “fox hunting”!

Contact Roger K0YY k0yy@arrl.net or Mike WD5EFY wd5efy@arrl.net for details. See last month’s Newsletter for more details.

Editor’s Note: All past Newsletters are posted out on our web page. www.DETARC.net

Neches River Rendezvous:

The Neches River Rendezvous Is scheduled for **June 2 with a backup date of June 16th**. Radio operators are needed for all positions. See Steve KB8QWN to sign up. A sign-up sheet was passed around at the March meeting. **Steve’s email is kb8qwn@hotmail.com**

Field Day:

The annual ARRL Field Day will be held on the weekend of June 23rd and 24th.

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

If you are interested in participating in a DETARC Field Day operation, **contact Roger K0YY at k0yy@arrl.net.**

Planning will start ASAP for this fun event. If you would like to learn about and assist in planning for such an event, contact Roger K0YY now.

SAREX: SAR Exercise.

The Hudson K-9 Search and Rescue Team (SAR) is once again hosting SAREX for 2018 and is in need of operators to provide communications for the search teams. This is a “boots on the ground” exercise and will be the second one we have participated in. The 2017 SAREX was rained out but the 2016 exercise was a great success with lots of participants and operators helping. (We’ll try not to have any more fires in the cab of the military transport vehicle this year!) This exercise will test the skills of several area search and rescue teams coming here to participate in the event.

SAREX will be the last weekend of June, so Saturday and Sunday, June 30th and July 1st are the dates. Operators will be needed for the command center (Hudson VFD), an operator for the military transport vehicles and an operator to go with each team on their search in the field. Again, this is a real search looking for real people (previously placed in a hidden position) in several different areas of the county so solid communications back to the command center are vital. If you can help both days that would be terrific, or if you are only available one of the days that would also be very helpful.

All help is appreciated, and this is excellent training for us as communicators and is a very fun event!

Contact Mike Miles, WD5EFY, at wd5efy@arrl.net

Future DETARC Meeting Presentations:

May- “Neticate” By Steve KB8QWN, repeater operating practices especially during nets (just before the NRR operation)

June- 900 MHz Operations and equipment demo by Patrick W5DVG

July- Army MARS operations by Patricia K5HER

August- DMR & DSTAR VHF/UHF digital radio operations and Raspberry Pi Internet linking by Steve KE5CJE

Future Presentations:

1. A homebrew emergency power switch-over switch by Gary KI5LR.
2. Types of coax cable appropriate for various frequency band and power installations by

Roger K0YY. Sample of a lightning strike punching holes in coax cable.

3. QSL cards and QSL methods for modern Hams by Roger K0YY.

Mark your calendars now so you don't forget these great presentations.

2. Upcoming Ham Radio Contests/Special Events:



UPCOMING CONTESTS:

Texas State Parks on The Air (TSPOTA)
04/7-8/2018, DETARC entry cancelled due to a honey bee infestation in the Fort Boggy SP cabins.

7th Call Area QSO Party	1300Z, May 5 to 0700Z, May 6
+ Indiana QSO Party	1600Z, May 5 to 0400Z, May 6
+ Delaware QSO Party	1700Z, May 5 to 2359Z, May 6
+ New England QSO Party	2000Z, May 5 to 2400Z, May 6
+ CQ WW WPX Contest, CW	0000Z, May 26 to 2400Z, May 27

For details see-- www.hornucopia.com/contestcal/

SELECT HAM SPECIAL EVENTS:

Armed Forces Cross-band Operation Day: May 12th.

The Military Auxiliary Radio System (MARS) will sponsor the traditional military/amateur radio communication tests to mark the 67th annual Armed Forces Day (AFD) on Saturday, May 12. Armed Forces Day is May 19, but the AFD

Crossband Military-Amateur Radio event traditionally takes place 1 week earlier in order to avoid conflicting with Hamvention. [Complete information, including military stations, modes, and frequencies, is available on the US Army MARS website.](#)

The annual celebration is a unique opportunity to test two-way communication between radio amateurs and military stations (authorized under §97.111 of the Amateur Service rules). It features traditional military-to-amateur crossband SSB voice, CW, practice using legacy interoperability waveforms, and the opportunity for participating hams to utilize more modern military modes, such as MIL-STD Serial PSK and Automatic Link Establishment (ALE). Military stations and Amateur Radio stations are authorized to communicate directly on certain 60-meter interoperability channels.

QSL cards will be available for stations successfully contacting participating military stations. Military stations will transmit (USB, unless otherwise noted on the schedule) on selected military frequencies and will announce the specific amateur frequencies they are monitoring. MARS stressed that frequencies used for the test will not impact any public or private communications and will not stray outside the confines of the exercise.

For further details see--

<http://grznow.com/annual-armed-forces-day-crossband-communication-test-set-for-saturday-may-12/>

05/21/2018 | Indianapolis 500 Special Event
May 21-May 27, 2200Z-0400Z, W9IMS,

Indianapolis, IN. Indianapolis Motor Speedway ARC. 21.350 14.245 7.245 3.840. Certificate & QSL. Indianapolis Motor Speedway Amateur Radio Club, P.O. Box 30954, Indianapolis, IN 46230. See website for information on getting QSL cards and certificates. <https://www.grz.com/db/w9ims>

05/28/2018 | Memorial Day

May 28-Jun 3, 0000Z-2359Z, K7UGA, Phoenix, AZ. Central Arizona DX Association. All bands, all modes. QSL. Bob Davies, K7BHM, 1623 N. Los Altos Ct., Chandler, AZ 85224. www.cadxa.org

Editor's Note: K7UGA was Senator Barry Goldwater's call sign. His station ran thousands of

phone patches for service members to and from Vietnam during that war.

05/31/2018 | Viet Nam Memorial Moving Wall
May 31-Jun 3, 1400Z-2300Z, NV7CV, Minden, NV. Sierra Intermountain Emergency Radio Association. 147.330 146.520 14.237 7.185. QSL. SIERA, P.O. Box 2348, Minden, NV 89423. SIERA Amateur Radio Club will be commemorating the Viet Nam Memorial Moving Wall which will be in Minden NV between May 31st until April 3rd, 2018 The Moving wall lists the Names of all the servicemen, inscribed on the Wall, who lost their lives in Viet Nam. A QSL card will be available to all who make contact with this special event. CONTACT: SIERA, P.O. Box 2348, Minden, NV 89423-2348 www.cvhams.com

UPCOMING HAMFESTS:

June 8-10 -- [West Gulf Division Convention](#) (Ham-Com), Plano, Texas

For further details on Contests/Special Events/Hamfests 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/>

<http://www.arrl.org/hamfests/search/Location.state:TX>

<http://www.ng3k.com/> Great resource page.

3. AMATEUR RADIO EMERGENCY SERVICE® (ARES)

Mike WD5EFY, South Texas Section, District 2 Emergency Coordinator (DEC) (Angelina & Surrounding Counties)



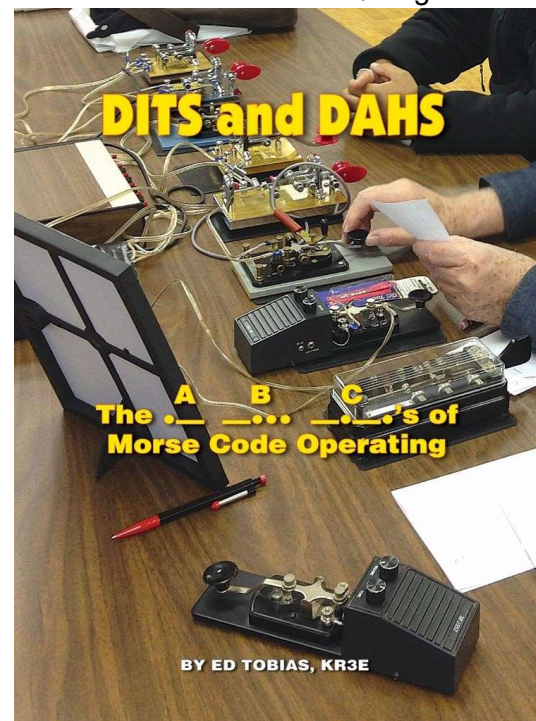
As always, be prepared personally with fueled vehicles, charged batteries, fresh fuel for the generators, staged equipment and a ready go-bag! --73 for now, Mike WD5EFY

ARES monthly Wide-Area Net Remember the ARES Wide Area Net is held monthly on the third Monday night on the 146.94 and other participating repeaters at 2030 hours local time. To join our ARES email reflector, send an email request to ares-join@detarc.net.

4. OPERATING/TRAINING:



So, you would like to learn how to use Morse Code, that is Continuous Wave or "CW". --CQ Magazine Store



This small but solid guide is the perfect read for those interested in learning or improving CW operating techniques! Within its pages you'll find:

- The secret of becoming a proficient CW operator
- Where and how to practice, practice,
- Straight Key or Paddle?
- Keyers, Iambia Keying and Bugs
- Contests & Events, DXing
- CW Filters and more!

Details at-- <http://store.cq-amateur-radio.com/?s=dits+%26+dahs>

5. REPEATER NOTES:



As always, reports of operational status, good or bad, are always appreciated and should be reported to me, Mike WD5EFY.

Kris K5KRK performed maintenance on the W5IRP 444.975 repeater and the coverage has improved significantly from the past several weeks. More folks are able to access it and the AllStar linking system now. Thanks Kris.

This is a reminder that active Club members are authorized to have the link control codes to activate the Allstar system linking to many other nodes around the world (similar to but separate from the IRLP linking system). If you are a paid-up member, contact Kris K5KRK, Mike WD5EFY, or Roger K0YY for the Allstar access codes.

--73, Mike WD5EFY, Trustee & W5IRP Repeater Systems Maintenance Technician.



6. ARRL NEWS:

ARRL Requests Expanded HF Privileges for Technician Licensees. --ARRL Website

The ARRL has asked the FCC to expand HF privileges for Technician licensees to include limited phone privileges on 75, 40, and 15 meters, plus RTTY and digital mode privileges on 80, 40, 15, and 10 meters. The FCC has not yet invited public comment on the proposals, which stem from recommendations ARRL Board of Directors' Entry-Level License Committee, which explored various initiatives and gauged member opinions in 2016 and 2017.

For details see-- <http://www.arrl.org/news/arrl-requests-expanded-hf-privileges-for-technician-licensees>

Editor's Note: The May QST has an editorial on this topic by new ARRL CEO Barry Shelley, N1VXY. There are diverging opinions among Hams on whether the FCC should adopt this ARRL request.

Editor's Personal Opinion: For discussion, the hobby does need continued long-term growth. However, there needs to be incentives to upgrade and increased band/mode privileges provide this incentive. Therefore, in my opinion, under the new proposal, Techs should be limited to a very small portion of the 75 & 15-meter SSB sub-bands only. These bands have fairly large SSB sub-bands. Also, limit Techs to a very small portion of 15 meter and 10-meter digital sub-bands only. Again, these sub-bands are large enough to support limited additional usage. Techs should not be allowed in main portions of the General or Extra sub-bands.

Again, this is my personal opinion for discussion. I did file original comments with the ARRL Survey last year.

What are your thoughts in a gentlemanly or lady like manner? We'll include them in a future Newsletter if you would like and if they are appropriate.

--Roger K0YY, Editor

7. 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, or as is.
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 the Newsletter Editor are not a party to or responsible for transactions between individuals. Strongly recommend buyers thoroughly check purchases prior to completing any transaction. Buyers may want to check prices for similar items on www.eham.com or www.ebay.com.
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:

FOR SALE: New Possum J270 Dual-band 2/440 J pole base/portable antennas \$40 each, \$10 discount for seniors. 1 1/2 inch mount.

ICOM IC-735 HF Rig. Receive board has a trace repair. Unit would benefit from a capacitor upgrade. Has the narrow CW filter. \$350 firm.
ICOM IC-3200 (2m/70cm) for parts. Unit might work if the switches were washed with contact cleaner. \$40.

ICOM IC-25A 2m. Bare bone 2 meter from long time ago. Don't think it has tone on it at all. No memory back up either. No mounting bracket. \$50.

Azden PCS 7000 2m. Rig works but could use a new microphone. No mounting bracket. \$75 firm. Gary KI5LR. gary.antley@consolidated.com

FOR SALE: Rohn BX-64, 64-foot medium duty free standing tower. Rotor platform in top section. 8 8-foot sections, excellent shape, never been in the air. Hardware package (bolts/nuts) not included. Good for 2/440 beam, small 6-meter beam, or large dual-band vertical. \$450 cash/**negotiable**. Pick up only in Lufkin. Roger K0YY, k0yy@arrl.net

WANTED: Rohn 25 tower sections, 10-foot sections, 4 each in good to excellent condition. Will consider partial trade for above BX-64 tower. Contact Roger K0YY, k0yy@arrl.net.



Remember others listen to us. Please consider what you say over the air. Lots of local folks have scanners and know or have found our repeater frequencies.

Members— we would like your input.

What have you done recently in Ham Radio that is exciting? Let us know and I'll include mention of it in the next Newsletter.

Perhaps we could talk about it at an upcoming meeting. Bring your latest project for show and tell.

Roger K0YY,
DETARC Newsletter Editor