



DETARC, Inc.
Lufkin, TX

**Deep East Texas
 Amateur Radio Club**

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 Roger K0YY Editor,
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1. CLUB INFORMATION

2019 Club Officers:

President- Gary KI5LR, Vice President- Steve KE5CJE, Secretary- Andy KE5JEK/Alternate Andy KE5EXX, Treasurer- Patricia K5HER

President's comments:

September already! Where did all the time go? The fall contest season is upon us again. I wanted to rebuild the crank up tower before the Texas QSO party this year. There is an active tower project stalled out for the VHF/UHF systems. There is still no 3-element 40-meter rotatable beam in the back yard. Two elements would be fine but if you are going to dream, dream bigger that you need.

First contest up is the Texas QSO Party in September. The TQP is normally scheduled for the last weekend in September but this year we had a change in the guards. Another radio club is sponsoring the TQP for a while. So... they moved the TQP to the 2nd weekend in September. Maybe this will be the years for me.

Another contest for the season is the CQ World-Wide DX contest which is great for stacking up QSO to DX stations all across the world. Lot of DXpeditions active during this contest from all kinds of places. There is the ARRL 160-meter contest which is just a horrible challenge as 160 is never an easy band to work. Antennas are HUGE and I don't think anyone has a beam or at least one that rotates. Most of the 160 contest is fought using wire or verticals. And for those who are not CW ops and still techs, there is the 10-meter contest. Last year there was not much happening on 10 meters. This year we could get lucky!

Now my favorite contest is the November Sweep Stakes. This contest has two different modes. CW and Phone. I am getting better at the CW mode as I currently hold the 4th place in South Texas for 2018. But I will be defending my 1st place status on SSB. I hold 3rd place in the West Coast Division. To move up in the division I need to nearly double my QSOs on SSB.

Now with all that said, expect me to have attention problems for the next 4 months.

--DE KI5LR Gary D. Antley, President

Club Web Page: www.detarc.net

Club Email Reflector: Join the "DETARC of Lufkin" Google Group email reflector to receive Club information. To join contact Megan KB5MEG the Group Administrator via the Google Group web page or at a meeting.
<https://groups.google.com/group/DETARCOflufkin>.

Meeting Times/Location: Our monthly meeting is the fourth Thursday of the month at 7 PM, We meet at the Carpenters Way church at the NE corner of John Redditt Drive and West Frank Ave. The GPS location is 400 N. John Redditt Drive. Enter the church parking lot via the northbound on-ramp to John Redditt drive.

DETARC 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 see the web site at www.detarc.net

DETARC NEWS:



DETARC July Meeting Minutes (to be approved at August meeting)

1. KI5LR called meeting to order (Start time: 25 Jul 19 - 19:10 CDT)
2. Introductions (17 Amateurs were in attendance)
3. Welcome all the new HAMs.
4. Minutes of June meeting were read by KE5EXX.

Motion: Accept the minutes as presented.

Motion by: N5KEE, 2nd by: K0YY,
Motion Passed

5. Reports:

- Treasurer's Report: \$1,822.83 in the bank today.
Motion: Accept the treasurer's report.

Motion by: WD5EFY,
2nd by: KB5MEG,
Motion Passed

- Membership Report (35 paid members before the meeting started)
- Repeater Reports for VHF and UHF in Angelina County and Cherokee County (Note the following is covered in the June DETARC Newsletter)
 - a. Repeater status for the 147.360
THIS REPEATER IS DOWN
 - b. Repeater status for the 146.940
THIS REPEATER IS
FUNCTIONING NORMALLY
 - c. Repeater status for the 146.980

Battery Backup has not been installed.

- d. Repeater status for 444.975
THIS REPEATER IS DOWN
 - e. Repeater status for 444.575
THIS REPEATER IS DOWN
- KI5LR suggests linking to different repeaters for a day at a time to test the capability.

6. Events

- Tailgate Sale – Possible go. Later in fall after WX cools down. Later this fall. Terry Moon W5PCJ and Chris, WS5JRT are looking at options. A possibility is Grace Baptist Church, 8319 FM 2021.

7. Old Business

- Fund Raiser (Weapon raffle) for 2019 – Status update. KB5MEG, Megan Glass, coordinator. Wording for drawing tickets has been drafted. Working on getting the tickets printed in upcoming 2 months.

Motion: Purchase Ruger American Rifle in 6.5 Creedmoor caliber

Motion by: KB5MEG, 2nd by: KE5EXX, Motion Passed

- Report from Student Membership Committee on their recommendation bylaw update to membership to support a Student membership. Need to set definition of a student. Need to set discounted about for yearly dues.

Motion: A full membership is available to an active student with student ID for \$5/yr.

Motion by: KB5MEG, 2nd by: KE5EXX, Motion Passed

- Membership dues are now due. \$25 per full membership. \$35 for family membership. We should have a reduced student membership in place by the end of the July meeting.

KE5EXX raised a question, "Wording should be changed to say that all family members within a household are eligible for a family membership." KI5LR tabled the discussion of the question.

- Do we want to make another membership drive? Was suggested we have a QSL card made for W5IRP with some information on the front side to mail out.

Motion: A membership drive/mailout is scheduled for 1st Qtr 2020.

Motion by: KI5LR, 2nd by: WD5EFY, Motion Passed

- Update on DETARC's HF Stations – Dayton KG5TKF (Unavailable this week – will look at again next month) has the IC-718 and FT-847. The kit with the IC-718 is a function station but could use a few updates like rig control cable (maybe,) contest head set, contest head set adapter, foot switch, and a CW keyer interface cable. The FT-847 is naked in the original box. Dayton will be checking on club inventory for additional pieces for the FT-847 station and making a list of items needed.

WD5EFY will make the equipment available for shake down/testing

- Replace Treasurer. As a result of our currently elected Treasurer a bit busier that planned with MARS activity, we need an active replacement until we can have an

election per Bylaws. In accordance to the Deep East Texas Amateur Radio Club Bylaws, ARTICLE VII Section 8 as president I replace Patrica Allen the currently elected Treasurer with Roger Krautkremer who is a member of DETARC, Inc in good standing, as Treasurer Pro Tempore. In accordance to ARTICLE VII Section 7 an election shall be held in the August meeting for the office of Treasurer. No provisions require a nominating committee for the emergency election. According to ARTICLE VII Section 3 we will accept nominations from the floor at the time of the August replacement election.

KI5LR tabled this as unnecessary after having talked with K5HER and finding out that she has had medical issues.

- In regards to bank account of Deep East Texas Amateur Radio Club, Inc with Huntington State Bank (now rebranded UBank) routing code 113123667:
 - Need identification of all persons on signature card.
 - Reprint any missing bank statements.
 - After the election of a new treasurer, open a new account is requiring double signatures, and order no more than 100 checks.
 - Ensure we have 4 signatures on the account from different households.

Patricia has been asked to get info from bank on who is on the signature card, make adjustments to account to have 4 signatories on file, and require 2 signatures on a

check. She has also been asked to order new checks that have 2 signature lines.

8. New Business

- KE5EXX asked if anyone had any copies of Memoranda of Understanding and/or procedures for operating in an emergency. A discussion was held questioning whether such documents were necessary. KI5LR tabled the discussion.
- WD5EFY informed the club that 2 Motorola Repeaters are available for sale from a HAM in TN that have been removed from service as operational. The price is \$500 + shipping. Or both for \$1,000 shipping included.

Motion: Purchase 1 REPEATER THROUGH Paypal Invoicing for \$500 + INSURED Shipping + up to 3% to reimbursed seller for Paypal Fee. The option to purchase 2nd repeater if the first is tested as operational.

Motion by: K0YY, 2nd by: N5KEE, Motion Passed

9. Membership – Lifetime Memberships have been approved by Executive Committee :

- Mike Miles – dedicated service for being the club trustee and repeater maintenance
- Andy Spivey – generous donations to the club.
- Dale Kirkland – generous donations to the club.
Mike Miles was presented with a plaque displaying Lifetime Member. Additional plaques were purchased for Andy Spivey and Dale Kirkland who were not in attendance.

10. Meeting Presentation

- August 2019 – MARS / Amateur Radio Affiliation = “Supporting the Mission” by AI, N6VQO
- September 2019 – DXing by Roger, K0YY and Gary, KI5LR
- October 2019 – Ham Software and Contesting with Roger, K0YY and Gary, KI5LR.

11. Adjournment (end time: 20:50 CDT)

Motion by: KB5MEG, 2nd by: N6VQO, Motion Passed

Presentation: Due to the late time, there was no presentation
Andy Delgado, KE5EXX
Alternate Secretary.

Future DETARC Meeting Presentations:

August 2019 – Al Manard N6VQO giving the “MARS/Amateur Radio – Supporting the Mission” presentation.

September – DXing (I have two short videos on DXpeditions) – Maybe this should be a full scale Field Day review and 2020 planning session including the DETARC HF station where we can see the station. Decide from there how to upgrade the station for Events.

October - HAM Software and Contesting with Roger K0YY and Gary KI5LR

November – No presentation planned – Ice Cream Social. NOTE: One week earlier— Due to Thanksgiving.

December – No presentation planned—Christmas Party.

Let a Club Officer know if you would like to have a presentation on a topic of interest.

TAILGATE SWAPFEST

DETARC is sponsoring a tailgate swapfest on October 12th from 8 AM to noon.

Mark your calendars now and start digging through your junk piles to see what you want to get rid of.

The address for the tailgate swapfest is Grace Baptist Church located at 5181 US Highway 69 N, Lufkin TX 75904. GPS_Coordinates are 31.399856, -94.792511.

Our Swapfest coordinators are Terry W5PCJ and Chris WS5JET. They will be on the property at 7:00 AM to coordinate where sellers will need to park and set up. Please check in with them.

We are looking for anyone wishing to sell equipment to join us in making this tailgate sale a success.

Those selling equipment will be responsible for their own snacks and drinks. Bring your own tailgate, tables, chairs, awnings, etc.
More info at the upcoming DETARC meetings.

We will be asking for a small donation to be given to Grace Baptist Church as we will be using their parking lot.

Terry W5PCJ will be sending an email to all local clubs in the East Texas area. **Please let all of your Ham friends know about the Tailgate Swapfest.**

Our talk in frequency will be the Lufkin w5irp repeater, 146.940 negative offset with a 141.3 tone. This repeater is also linked to the Alto Texas repeater of 146.980 negative offset and 141.3 tone also.

Let's turn this into a yearly tradition for all the Hams in this corner of the state and work together to make this event a reality. Please don't hesitate to email Terry at w5pcj@hotmail.com with any questions.

Upcoming 2019 Hamfests:

10/05/2019 | [HamEXPO Fall 2019](#)

Location: Belton, TX
Type: ARRL Hamfest

Sponsor: Temple Amateur Radio Club
Website: <http://www.tarc.org/hamexpo>

Upcoming Special Events:

09/14/2019 | Commemorative Air Force AIRSHO 2019

Sep 14-Sep 15, 1330Z-1930Z, W5CAF, Midland, TX. Midland Amateur Radio Club. 14.245 7.265. QSL. Midland Amateur Radio Club, P.O. Box 7532, **Midland, TX 79708.** This special event station will be on the air in conjunction with the CAF AIRSHO 2019 held at the Midland International Air and Space Port in Midland, TX. The AIRSHO displays flying and static World War II era aircraft. There is also an assortment of more modern aircraft. www.w5qgg.org

09/20/2019 | Plano Balloon Festival

Sep 20-Sep 22, 1800Z-2100Z, W5P, Plano, TX. Lucas Amateur Radio Club and Plano Amateur Radio Klub. 14.307 7.255. QSL. Stan Starks, 732 Eagle Lake Ct., Allen, TX 75002. FT8 operation is also planned. Some SSB and FT8 operation is likely before and after the event. Check spotting networks for our active frequencies and modes.
www.qrz.com/db/w5p

Upcoming Contests:

September 2019

14-16 [September VHF](#) Contest (ARRL)

14-15 Texas QSO Party <http://txqp.net/>
Rules--

http://txqp.net/index.php?option=com_content&view=article&id=53&Itemid=113

For further details on Contests/Special Events/Hamfests/DX Events see:

Contests: www.hornucopia.com/contestcal/
ARRL Contests www.arrl.org/contest-calendar
CQ Contests: http://www.cq-amateur-radio.com/cq_contests/cq_annual_contest_calendar/cq_annual_contest_calendar.html
RSGB Contests: <http://www.rsgbcc.org/hf/>
Special Events: www.arrl.org/special-event-stations
Hamfests:
<http://www.arrl.org/hamfests/search/Location.state:TX>
DX Operations: <http://www.ng3k.com/> A great DX resource page.

3. EMERGENCY COMMUNICATIONS:

As always, be prepared personally with fueled vehicles, charged batteries, fresh fuel for the generators, Power Poles installed on all your rigs, staged equipment and a ready Go-Bag!

--73 for now, Mike – WD5EFY

4. OPERATING/TRAINING:



ARRL Board Pledges to Oppose French Proposal for 144 -146 MHz

At its July meeting, the ARRL Board of Directors resolved that "at the appropriate time" ARRL will oppose a proposal by France to include 144 - 146 MHz among spectrum to study for non-safety Aeronautical Mobile Service applications with an eye toward sharing the spectrum with the Amateur Services. The action came as the Board met July 19 - 20 in Windsor, Connecticut for its second meeting of 2019.

The Board pointed out that 144 - 146 MHz is a primary global Amateur Radio allocation and the band enjoys widespread use for emergency communication. It also noted the investment by radio amateurs of money and effort to build

repeaters, beacons, space infrastructure, and propagation research systems that have global reach. The AMSAT and ARISS communities would be severely affected, the Board observed.

ARRL International Affairs Vice President Jay Bellows, K0QB, advised that if it is added as an agenda item for study for WRC 2023, the Board should consider action.

Digital Communication Issues

The Board instructed Washington Counsel David Siddall, K3ZJ, to take appropriate steps to obtain FCC approval for several changes to the Part 97 Amateur Radio Service rules. The requested changes stemmed from discussions regarding the interference potential of automatically controlled digital stations (ACDS); the prohibition of Amateur Radio message traffic that's encoded to obscure its meaning, and false assertions that ARRL -- despite its record of steadfast opposition -- supports or encourages encrypted transmissions.

The Board directed that the FCC be asked to make rule changes that would:

- Remove the current 300 baud rate limitation, subject to the conditions requested by ARRL.
- Authorize all Automatically Controlled Digital (data) Stations (ACDS) below 30 MHz, regardless of occupied bandwidth, to operate only within the ACDS bands designated in §97.221(b) of the Amateur Service rules.

Editor's Note: The HF ACDS bands per 97.221b are 28.120-28.189 MHz, 24.925-24.930 MHz, 21.090-21.100 MHz, 18.105-18.110 MHz, 14.0950-14.0995 MHz, 14.1005-14.112 MHz, 10.140-10.150 MHz, 7.100-7.105 MHz, or 3.585-3.600 MHz segments.

- Require all digital mode stations operating with a bandwidth greater than 500 Hz to operate within the ACDS bands, whether or not these stations are automatically controlled.
- Limit the maximum bandwidth of digital mode signals below 29 MHz to 2.8 kHz.

- Reiterate to the FCC that ARRL's position is unchanged from that expressed in ARRL's 2013 [comments](#) on a *Petition for Rulemaking* (RM-11699) filed by Don Rolph, AB1PH. Those comments specifically addressed encryption of messages and made clear that such messages generally are prohibited in amateur communications by §97.113 of the FCC rules and by Article 25, §2 of the *International Radio Regulations* and should remain prohibited.

The Board also wants to request that the FCC remind radio amateurs "by whatever appropriate means available" of the current prohibition in §97.113(a)(4) and Article 25, §2 of the *International Radio Regulations* against transmitting "messages encoded for the purpose of obscuring their meaning."

ARRL-initiated mediation efforts for rival parties to reach consensus on all or some of the issues they raised in the so-called "Symbol Rate" proceeding ended a few days prior to the July Board meeting with useful discussion but no agreement among those parties on recommendations to the FCC.

--ARRL Letter August 15, 2019

Editor's Note: This Symbol Rate issue has strong potential interference implications for HF digital operators. See also the discussions at—

<http://www.arrl.org/news/no-consensus-reached-for-fcc-on-symbol-rate-issues>

<http://www.arrl.org/news/arrl-files-interim-report-with-fcc-in-symbol-rate-proceeding>

5. REPEATER NOTES:



The 146.34/94 continues to operate normally – air conditioning in the building is working great!

UHF Hub repeater likewise – normal

147.36/96 The 147.36 repeater is down. The replacement repeater has been purchased and should be shipped to us this week. This repeater will eventually have an AllStar node on it which will normally be linked to the Salt Grass Network.

444.975 – no update other than Kris and I changing out the PA deck that did not change anything. More work to be done.

146.38/98 in Alto continues to perform well. With the new direction on the Tyler link (changing from UHF to Tyler over to VHF to Rusk), I'm working on new equipment and tower climbing plans before making a trip to get batteries installed and changing over to VHF on the link.

--Mike WD5EFY, Repeater Trustee and Repeater System Technician.



6. ARRL NEWS:

ARRL Replacement Cost Insurance for Members

There are two kinds of Amateur Radio Operators — those who have had equipment damaged or stolen and those who will.

Good insurance can reduce the pain of a loss. But not all insurance is equal.

One of ARRL's best kept secrets — unintended — is the excellent insurance available to both individuals and Clubs.

Homeowners or renters' insurance does not always cover all radios and related equipment, such as towers and antennas. If it does, it may not provide for true replacement cost. If you are relying on such insurance, you should check with your agent and ask them to confirm, in writing if possible, that your prized possessions are covered and whether or not the coverage is replacement cost.

ARRL's individual insurance provides true replacement cost protection for Ham radios, related

equipment, and even computers. From personal experience, the insurance adjusters have been courteous and prompt in resolving all claims — and the company has paid the replacement cost of the lost/damaged equipment.

The insurance is a bargain at \$1.40/\$100, with only a \$50 deductible.

If you are interested, please check it out:
<https://www.arriinsurance.com>

It is one of our better Member benefits — other than the knowledge that your Membership helps keep Amateur Radio alive and available for future generations. --ARRL Email July 2019

ARRL Member Subscription Services.

Here are some ARRL resources: you may be interested in.

Subscribe to...

- [NCJ -- National Contest Journal](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.
- [QEX -- A Forum for Communications Experimenters](#). Published bimonthly, features technical articles, construction projects, columns, and other items of interest to radio amateurs and communications professionals.

Free of charge to ARRL members...

- [Subscribe](#) to the [ARES E-Letter](#) (monthly public service and emergency communications news),
- the [ARRL Contest Update](#) (bi-weekly contest newsletter), Division and Section news alerts -- and much more!
- [ARRL Letter](#) weekly newsletter— ARRL Members add this Newsletter by editing your profile on www.arrl.org and then clicking on “add email subscription”.

A new web tool can tell how active you



have been over the past 12 months. Plug your call sign into [this website](#) to review your station activity. This tool from DJ1YFK uses the Reverse Beacon Network ([RBN](#)) data to generate an activity report (a "heat map") showing the activity for any call sign. -- *The ARRL Contest Update (ARRL Letter July 8, 2019)*

7. FOR SALE/WANTED:

Do you have something to sell or are you looking for a Ham related item? Send ads to k0yy@arrl.net.

For Sale:

Dual-band J Pole 2/440 MHZ antennas, PL-270s \$40 each. Contact Gary KI5LR, gary.antley@consolidated.com

8. Additional Ham Radio News/

Club Members and area Hams: Would you like to write an article for the Newsletter or have an idea for an article? Contact the editor, Roger KOYY at k0yy@arrl.net

