

DETARC, Inc.
Lufkin, TX



**Deep East Texas
Amateur Radio Club**

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Roger K0YY Editor,
k0yy@arrl.net

1. CLUB INFORMATION

To pay your dues of \$25, see our Treasurer at a meeting. Please provide all of your current information on the Membership Application/update Sheet when paying.

Alternately, send a check and full information including address, email, phone & cell phone, and ARRL membership status to the Club address at 904 Sherwood Rd, Lufkin, TX 75904-4567.

It's time to:



2019 Club Officers:

President- Gary KI5LR, Vice President- Steve KE5CJE, Secretary- Andy KE5JEK/Alternate Andy KE5EXX..

President's comments:

Time sure is flying this year. We are back around to the point of membership dues for another year. Currently we have 46% of the membership that are ahead of schedule on paying dues this year. This is a good number. That leaves 54% outstanding. I want to keep everyone reminded to keep their dues up to date. But most of all, I would like to remind everyone to "drive, drive, drive for new members!" Currently the membership roster shows 35 names. Now is the time to talk to the other Amateur Radio Operators around the area about becoming members or visiting the monthly club meetings. Press the flesh and invite them. The DETARC.NET page has a Membership tab now. Copy the link and email it to your HAM friends. We should look at another mail out to the Angelina County HAMs.

This time we should send a picture post card with some information on it.

DETARC has a lot to offer the local community of Amateur Radio Operators. Recently we have seen interest grown in HF radio with the two special events – Texas Forest Museum (K5F) and ARRL Field Day (W5IRP.) I saw and heard a lot of excitement with both of those events. I see excitement around getting the 147.360 machine linked to AllStar which will restore access to the Saltgrass system.

RACES is looking like the better option for those interested in serving the public thru Amateur Radio. All these are forward movements offering something of interest to everyone.

Currently there are 264 active call signs listed for Angelina County Texas. That is 10 new call signs since November 2018. I know we must be doing something that would interest these people. I would even wager there are some of these HAMs that can bring something new to the group to spark an interest of the others. Let's be Radioactive in Angelina County and the surrounding area!

--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 June Meeting Minutes (to be approved at July meeting)

1. Call to order (Start time: 1907 CDT)
2. Introductions
3. Welcome all the new HAMs and encourage Elmers to step up. Read Repeater Etiquette
4. Reading and approval of last meeting minutes (need motion to accept, second, and vote)

Motion By Acclamation 2nd
KG5TKF *Vote All*

5. Reports:
 - Treasurer's Report – *Motion*
KE5JEK *2nd* *KC5NAC*
Vote All
 - Membership Report - 32 members active
 - Repeater Reports for VHF and UHF in Angelina County and Cherokee County (Note the following is covered in the June DETARC Newsletter)

6. Events

- Tailgate Sale – Possible go. Later in fall after WX cools down. October time frame. Terry Moon W5PCJ is looking at options.
- Field Day in June 22 and 23 at Piney Point the old Lufkin Ind Camp House

on Sam Rayburn Reservoir – KI5LR Gary Antley/K0YY Roger Krautkremer, coordinators.

7. Old Business

- Records Collection/Update day. Request for all records to be brought to the club meeting. No additional records have been brought to the meeting. Are we to assume we have all the records in place? No new records brought to collect. We assume we have all. If not they need to be brought in and put with the main collection of records that Mike Miles has in his possession in DETARC's file cabinet.
- Fund Raiser (Gun 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.
- Report from Student Membership Committee on their recommendation bylaw update to membership to support a Student membership. Still working on this matter. Currently the suggestion is \$5 with a student ID 21 and under. One vote for entire student membership group. More later.

8. New Business

- Membership dues are coming up in July. \$25 per full membership. \$35 for family membership. Student membership is being created.
- Do we want to make another membership drive?
- Form team to build fully working HF stations less antennas from the current DETARC inventory for events like The Texas Forest Museum and Field Day events. Dayton – KG5TKF and Mike – WD5EFY will work this out. Object is to have a fully working station kit from the "fire

stuck” to the connection for an antenna by July 2019 meeting.

- Mike needs another controller for the Alto repeater to support a utility power outage condition. Motion by Donny N5KEE for two controllers. If in excess of Executive approval amount of \$150, membership approves the expenditure of \$200 for purchase. Andy KE5JEK second. Vote All in favor.
 - Address issue of 4th meeting without a treasure present. Membership notes the present Treasure has not been present for last 4 meetings. Membership was asked if anyone would be willing to accept the position. Chris K5LTX (potential member) was asked based on his experience as a comptroller for a local hospital if he would take the position. He is considering. No motion was made however all present was in favor. This issue will be formally addressed in the July meeting.
9. Membership – Life Time Memberships has 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.
10. Meeting Presentation (See updates later)
- July 2019 – Older Ham Equipment with Dayton KG5TKF (no go)
 - August 2019 – HAM Software with Roger K0YY assisted by Gary KI5LR (moving)
 - September 2019 – Dxing
11. Adjournment (end time: 8:000 CDT)
Motion Donny N5KEE 2ND Dale KE5ADC
VOTE ALL IN FAVOR

Presentation:

Texas State level **Radio Amateur Civil Emergency Service (RACES)** by Patrick W5DVG.

Future DETARC Meeting Presentations:

July 2019 – Antenna Construction Techniques with Gary KI5LR

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

December – No presentation planned—Christmas Party.

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

Upcoming 2019 Hamfests:

Austin Summerfest 2019

Start Date: 08/02/2019

End Date: 08/03/2019

Location: Crowne Plaza Hotel

6121 North IH-35

Austin, TX 73301

Website: <http://www.austinsummerfest.org>

Sponsor: Austin ARC & Texas VHF-FM Society

Type: ARRL Convention

Talk-In: 146.34, 146.94 (PL 107.2)

Public Contact: Joe Makeever , W5HS

8609 Tallwood Drive Austin, TX 78759

Phone: 512-345-0800

Email: w5hs@arrl.net

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:

08/17/2019 | International Lighthouse
Lightship Weekend - ILLW

Aug 17-Aug 18, 0818Z-0818Z, W2H,
Audubon, NJ. Audubon Amateur Radio
Club . 14.225. QSL. Joe Leone, 1534
Forrestal St., Philadelphia, PA 19145.
Hereford Inlet Lighthouse ILLW US-0103
US Islands NJ-0165. www.k2aud.org

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:

North American QSO Party SSB
August 17th 1800 UTC to 0600 UTC August 18
<http://www.ncjweb.com/NAQP-Rules.pdf>

September 2019
14-16 [September VHF](#) Contest (ARRL)

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](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](http://www.arrl.org/special-event-stations)

Hamfests:
[http://www.arrl.org/hamfests/search/Location.state:
TX](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!

See the Disaster Preparedness article in Paragraph
8.

--73 for now, Mike – WD5EFY

**HAM Radio Operators
Do It With Frequency!**

4. OPERATING/TRAINING:



Proposal to Move Aeronautical Mobile Traffic into the Amateur 2-meter band

Editor's Note: France has made a proposal to discuss this idea at the World Radio Conference of 2023 (WRC-23) to move Aeronautical Mobile operation into the Amateur 2-meter band. The International Amateur Radio Union (IARU) and many National Amateur organizations (including the ARRL) around the world are already opposing this proposal.

QUOTE: "The representative of the IARU stated that, the IARU views with grave concern the element of the WRC-23 agenda item proposal 1.6 in the AI10 ECP, on studies towards a possible new allocation to the aeronautical mobile service in the band 144-146 MHz. This band is an important and the only globally harmonised primary allocation to the amateur and amateur satellite services in the VHF range. Examination of the RR below and above the 144-146 MHz range suggests that alternative proposals could be developed that could provide further spectrum for the aeronautical applications without impacting on this amateur service spectrum. The proposal provides no justification for addressing this band and the IARU believes that sharing with airborne systems is likely to be difficult and will lead to constraints on the development of the amateur and amateur satellite services in this band." Unquote.

--Quoted from the F4FXL Blog
--Heads up from Mike KG5ODX

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 appears to have a receiver issue. I've changed the antenna to a different VHF antenna on site and also put new cables between the repeater and duplexer – both to no avail. From what I've read it could be a problem of "whiskers" growing inside the receiver tuned cavities in the receiver module in the repeater. I have not tackled that other than some gentle tapping on the casing – also no help. Work continues as time allows.

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.

Multiple systems-wide testing was done Sunday, July 21, 2019, with a crossband repeater linking Lufkin 94 to Rusk 92 with great success, many checking in and good signal and audio reports. We did learn of a few quirks that will be ironed out but overall the "link day" went very well.

We had about 58 repeaters in the system with folks from San Angelo to Rowlett, Dallas, Plano, over to Abilene and Atlanta to name a few. Good reports all the way.

Some other possibilities are opening up "down south" for linking along the coast but these are very preliminary, but in the works.

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



6. ARRL NEWS:

The ARRL Field Day (FD) was a huge success nation-wide and for DETARC. Many thousands of Hams participated nationwide. Our Piney Point FD operation did very well and was enjoyed by all who attended.

The final results on how everyone did in FD will be published in the December QST magazine. DETARC did quite well in the 3A Class, but we are waiting for the final results.

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.

8. Additional Ham Radio News/

Disaster Preparedness:

Since we are in our “high season” for emergencies, we might want to review some basics and be ready to protect ourselves, families, and homes. We can’t provide effective emergency communications if worried about our families and homes.

Disaster Preparedness, Are You ready?

Floods:

- At home, keep clean water (one gallon per person per day), food items such as granola bars and peanut butter, clothing for each family member, medication, a portable cell phone charger, hats, sunscreen, toiletries, a battery-operated radio, extra cash, and blankets handy, perhaps all in one big box that can be grabbed quickly and taken to higher ground or along an evacuation route.
- Familiarize yourself with evacuation routes and make sure your family knows them, too. Make a plan for where to meet once it’s safe

to do so in case you are separated from one another when the flooding strikes.

- Put important documents, such as birth certificates, social security cards, passports, and emergency phone contact lists, inside a waterproof, resealable bag to keep them safe. Keep extra bags handy for wallets and phones.
- Keep a small disposable camera handy to take photos of flood damage before you leave the home, as these may be helpful to your insurance company later.
- Keep emergency ponchos for each member of the family in the car, along with flashlights, a battery-powered radio, baby supplies, sunscreen, and clean water. If you find yourself in the car on a flooded road and can safely turn around, do so immediately. Rapidly rising waters can sweep away a car in an instant. If there is no safe direction to go in, get out of the car and head quickly for higher ground. Having a brightly colored poncho or rain hat on can help rescuers spot you easily.

Hurricanes:

- Familiarize yourself and your family with emergency evacuation routes and, when a storm is on the way, fill the gas tank in your car.
- Keep a well-stocked emergency kit that will be ready to go when you are. Include a battery-powered radio, fresh batteries, a first aid kit, extra cash, a heavy-duty flashlight, fresh water and toiletries, snacks, emergency rain ponchos, and a portable cell phone charger.
- If there’s a chance you will be evacuated, be sure to lock up sports equipment, bicycles, toys, patio furniture, and anything else you keep outside that could be lost or cause damage to your home. Shutter or board up your windows, as well.
- Check on where gas and water mains are located in case you need to shut them off. Turn freezers and refrigerators to the coldest settings to give food a longer life in case the power goes out.

Tornadoes:

- Pick out the safest place in your home for everyone to meet when a funnel cloud has been spotted. It needs to be in a secluded, sheltered room away from windows, perhaps a basement or interior room such as a windowless bathroom.
- Anchor any heavy furniture, such as bookshelves and bureaus, to the walls.
- Keep trees and bushes well-trimmed and thinned out to minimize flying debris. Also, keep heavy objects, such as large toys, bicycles, and patio furniture secured in a safe place such as a garage or shed.
- If you live in a mobile home, make a plan for a safe place to go when tornado season hits. You might check with local fire or police departments to see if they have a safety plan for mobile home residents.
- As always when preparing for a disaster, keep a first aid kit, flashlight and batteries, and blankets together. The blankets can help shield you from debris.

Wildfires:

- Keep the area around your home free from foliage debris, including the gutters, porch, and roof. Sweep up excess leaves and branches and bag or recycle them.
- Make a plan of escape and make sure everyone in the family is familiar with it.
- Keep flashlights, batteries, a small battery-powered radio, and a portable cell phone charger together with a first aid kit and fire-proof blankets should you need to evacuate. Gallon jugs of water are also a good idea for the trunk of the car.
- If a wildfire is near you but there has not been an evacuation call yet, keep doors and windows closed tightly and turn the air conditioner on to circulate clean air.
- Keep buckets, sand, hoses, an ax, and a shovel handy in case you need to put out manageable fires on your own.

<https://www.redfin.com/blog/the-homeowners-ultimate-guide-to-natural-disaster-safety>

Editor's Notes: A neighbor's suggestion— When very severe weather is coming, plug your bathtub drain and fill the tub with water. You can use it for toilet flushing, utility water, etc.

Other Disaster Preparedness information sources:

County- <https://www.angelinacounty.net/emergency/>

City- <http://cityoflufkin.com/em/>

FEMA- https://www.ready.gov/make-a-plan?gclid=EAIaIQobChMlosmx28q_4wIVhsDACH2wDw3MEAAAYASAAEgL4T_D_BwE

<https://www.retailmenot.com/blog/disaster-preparedness-guide.html>

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 K0YY at k0yy@arrl.net



Source: Redfin Real Estate Guest Blogger