



NEWSLETTER

Deep East Texas Amateur Radio Club

DETARC, Inc.
Lufkin, TX

© Copyright 2019, DETARC
Roger K0YY Editor,
k0yy@arrl.net

1. DETARC INFORMATION

To pay your dues of \$25, see Patricia K5HER our Treasurer at a meeting. Please provide all of your current information on the Roster update sheet when paying or signing in at a meeting. 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.

2019 Club Officers:

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

President's comments:

With the New Year, work has become busy again. Contesting has slowed down. And I have begun my spring cleaning around home and the KI5LR station. I want to thank KG5ODX Mike and K0YY Roger for keeping information flowing thru the DETARC email reflector. Please use this media to share Amateur Radio related news and ideas. Share some photos of your station or antennas with everyone. You might inspire someone to add or re arrange their station. Do you have some homebrew antennas? Share some information on how you built your antenna. Worked a few DX stations on HF? Tell the group about the contacts you made. With the Saltgrass network being linked to the 444.975 (AG4975) repeater full time now, tell the group what you heard or the folks you were able to visit with on the Saltgrass network.

I encourage each of you to invite other Amateur Radio operators to our monthly meetings. If anyone wants to put together a morning breakfast meeting or lunch or dinner somewhere, please do so! Let's put fun back into HAM radio! – Gary KI5LR

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/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:



2019 Meeting Presentations:

- February 2019 – VHF 6 Meter Antenna with Marshall K5QE assisted by Bill N5YA
- March 2019 – Portable Operations and Neches River Rendezvous with Steve KB8QWN
- April 2019 – Field Day

- May 2019 – HAM Software with Roger K0YY and Gary KI5LR

We are working on additional meeting presentations and perhaps an ice cream social again or a picnic. Let a Club Officer know if you would like to have a presentation on a topic of interest.

Potential 2019 DETARC Activities: (We need volunteers to coordinate and assist).

Neches River Rendezvous—June 1st
Tailgate swapfest
Field Day—June 22-23rd
Picnic
DETARC Special Event—Texas Forest Museum on the air with a special 1x1 call sign or W5IRP call?

Upcoming 2019 Hamfests: (ARRL Web Site)

Hamfest/Convention
03/22/2019 | [Texas State Convention \(Greater Houston Hamfest\)](#)

Location: Rosenberg, TX
Type: ARRL Convention
Sponsor: Brazos Valley Amateur Radio Club
Website: <http://houstonhamfest.org>

Apr 6, 2019:

Belton HamEXPO:
Bell County Expo Center- Belton, Texas
Admission Fee \$5 per person, includes one free raffle ticket (\$2value).
Children under 12 free.
www.tarc.org/hamexpo

June 7 and 8, 2019:

Ham Com 2019
Plano Event Center
2000 East Spring Creek Parkway, Plano, TX 75074
www.hamcom.org

Hamfest/Convention
08/02/2019 | [Austin Summerfest 2019](#)
Location: Austin, TX
Type: ARRL Convention
Sponsor: Austin ARC & Texas VHF-FM Society

Website: <http://www.austinsummerfest.org>
[Learn More](#)

--Some info from STX Newsletter Jan 2019

Upcoming Contests: (ARRL Sponsored)

March 2019

2-3 [International DX– Phone](#)

April 2019
14 [Rookie Roundup – Phone](#)

June 2019
8-10 [June VHF](#)
15 [Kids Day](#)
22-23 [Field Day](#)

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

Contests: www.hornucopia.com/contestcal/
www.arrl.org/contest-calendar
www.arrl.org/special-event-stations

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/>

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

DX Operations: <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)



DEC's Comments—

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

ARES monthly Wide-Area Net (Temporarily suspended.) 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:



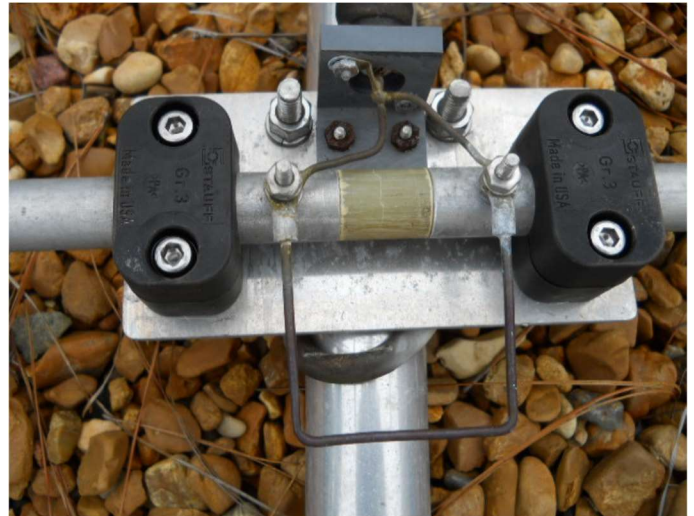
Six Meter Beam Home-brewing.

Marshall K5QE with assistance from Bill N5YA gave a very interesting presentation at the February meeting on building a 6 meter 3-element beam.

Marshall and Bill brought a demonstration model with them to show members the various parts and pieces of this home built 6-meter beam.

The complete presentation is on the DETARC website in the General Information drop down menu. Thanks Marshall and Bill.

<http://detarc.net/index.php/general-ham-information/>



Picture of the driven element and the "hairpin" matching network of the 6-meter beam.

5. REPEATER NOTES:



The DETARC 440 repeater on 444.975+5 CTCSS 107.3 is down with an apparent bad final output power amplifier. Our technicians are evaluating what is needed to fix it.

This repeater is now typically linked to the Saltgrass System via Allstar now that the Saltgrass System repeater has been removed from Lufkin. Paid DETARC members may receive training and instruction on how to command the Allstar node to other Allstar nodes around the world.

The plan is to eventually add an Allstar Node to the high level 36 repeater. This will give more Club members access to world-wide Allstar nodes including the Saltgrass System. Thanks Mike WD5EFY, Kris K5KRK, and Andy KE5EXX.

As always, please let me know of any glitches or malfunctions you find as you use this new system and let me know what you think of it and how it can be improved!

73, Mike – WD5EFY, Trustee and W5IRP Systems Tech Support with Kris K5KRK assisting



6. ARRL NEWS:

The ARRL has a new ARES Training Plan with three levels of advancement for members. The Plan is available at--

<http://www.arrl.org/news/new-plan-aligns-ares-with-the-needs-of-served-agencies>

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).

8. Additional Ham Radio News:

Local High School Contact with the International Space Station (ISS).

“The Huntington High School Robotics class has partial success with talking with the ISS.”



Robotics Class with Norm Chaffee

Lead by their instructor Peggy and previous class member Kris K5KRK, the Robotics Class planned and executed a wonderful program to talk with the crew aboard the ISS. The class designed some of the equipment needed to help track the ISS in space. Their program included showing full tracking information to the audience, a speech by well known NASA Manager Norm Chaffee, and an opportunity for each class member to ask a question of the astronauts aboard the ISS.



Kris K5KRK with shirt presented by class

There was some technical difficulty, possibly aboard the ISS, which prevented the class from asking their questions, but the several hundred people in attendance were able to hear the voice of the astronaut aboard the ISS. The Robotics class may have another opportunity to talk with the ISS in April.

Additional information is available at:

Amateur Radio Aboard ISS (ARISS)--
<http://www.ariss.org/contact-the-iss.html>

KTRE TV News Article on ISS contact--

<https://www.ktre.com/2019/02/25/huntington-isd-students-vow-reach-astronauts-space-station-after-failed-attempt/>

A hearty WELL DONE to everyone involved!

About Army MARS from AI N6VQO

(edited to fit in the Newsletter)

The U.S. Army Military Auxiliary Radio System (AMARS) is an elite group of dedicated citizen volunteers who support the Department of Defense (DoD) in a variety of circumstances, including complex catastrophes and cyber denied or impaired conditions. MARS is a DoD program that trains, organizes and tasks volunteer Amateur Radio operators.

Army MARS Today

The US Army Network Enterprise Technology Command (NETCOM) is the [Department of the Army](#) (DA) executive agency for AMARS and has Headquarters at Fort Huachuca, AZ.

AMARS today supports activities of many types. Activities may include DoD directed international Humanitarian Assistance and Disaster Relief (HADR) activities, supporting National Guard training and operations or supporting Federal Government agencies. These activities supplement MARS's primary function to provide contingency communications support to the DoD, the combatant commands and their components.

The 21st CENTURY Army MARS Volunteer

Individual citizen volunteers located in communities throughout the United States operating their radio stations on the same net with military and government stations makes MARS unique and distinctive. It is a special kind of citizen that does this.

Individual Member volunteers in AMARS are expected to take the initiative in expanding their existing [foundation](#) in electronics and radio

communications through independent study in the areas of communications technology. MARS volunteers improve their Amateur Radio station for operation on all frequencies between 2-30 MHz and utilize technology that is not normally used in Amateur Radio.

-- Aldon N6VQO

AAA6R9/CIVIL AFFAIRS OFFICER

Forward ideas for the Newsletter to Roger K0YY, Editor at k0yy@arrl.net

Area Hams, be our guests—

Come join our meetings and see your Ham friends. Or check in to our weekly net on 146.940 Tuesday evenings at 8 PM. We would love to see or hear from you!

