



Push To Talk

# Push To Talk

Walker County Amateur Radio Group Newsletter



Issue #9  
November 2023

## Keep in Touch With WCARG Members

- W5HVL Repeater, 146.860 Mhz.  
DCS 631 – Offset
- Walker County Simplex, 147.410  
Mhz. Simplex
- Wires-X “Texas Patriots” Room  
60755 Connected via the NR5US  
Repeater 146.640 Digital Only  
“Lone Star Lounge” or by con-  
necting with a Pi-Star Wires-X  
Node. Other connections can be  
achieved by contacting Russ  
NR5US at 281-433-1513.
- EchoLink  
NR5US-R through 146.860  
Node 970435
- Web Page— [HTTPS://  
WCARG.ORG](https://wcarg.org)
- Facebook Page—Join the  
“Walker County Amateur Radio  
Group”
- [WWW.Groups.IO](http://www.groups.io) — Search for  
W5HVL
- Telegram App on your Phone —  
Join the “Walker County Ama-  
teur Radio Group”.

## Hams & Eggs Breakfast

Come join us for Breakfast 9am every Saturday morning at Denny's. Good food, good conversation and meet new friends. You might just learn something. Get on the **Hams & Eggs Breakfast** text Message reminder by contacting Dave McGann, KG5ZPT at 936-581-4124. He needs to know how many are coming so he can reserve a table.

## WCARG Feature Article in the October POSTCARDS Magazine



The Walker County Amateur Radio Group was fortunate enough to be featured in the October Issue of the Postcards Magazine. [See full article starting Page 4](#)

## Membership Count 82



WCARG is implementing a **Technician Day Class** to assist prospective members with earning their Technician license. It is a 6 hour course covering ALL questions from the Technician level question pool, thus leaving the information fresh in their minds as we administer the test immediately after review. This will greatly increasing the probability of their success. It is requested that all WCARG members download the [prospectivemembers.pdf](#) document (**also found on Page 8**) and make it available to anyone that expresses interest in Amateur Radio.

With this being a new endeavor, we need volunteers to join our License Instructor Team. There are a couple basic requirements outlined in this [technicianlicenseday.pdf](#) document. **See Page 9 to read document.**

Thank you very much for your willingness to participate in our License Instructor Team.

Ryan K4TXN Gills  
[k4txn@yahoo.com](mailto:k4txn@yahoo.com)



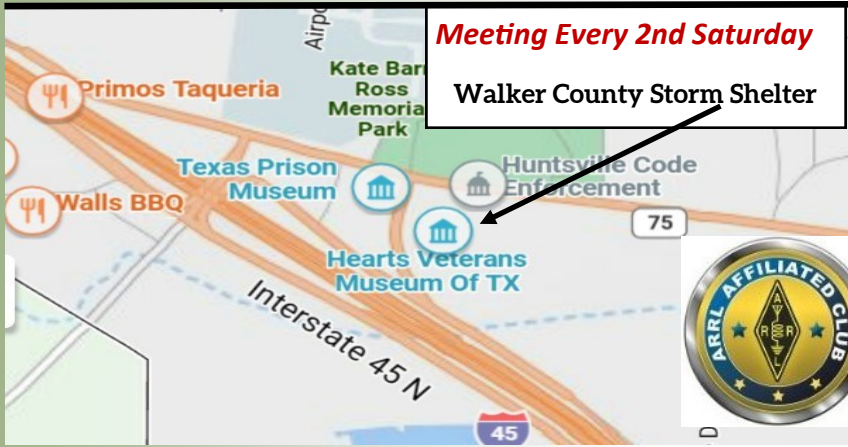
## Annual WCARG Christmas Party...

Will be held December 9th, 9:00 am at the Walker County Storm Shelter.

Please contact Diane Colburn, N5PTB at 936-524-3288 to let her know what items you plan on bringing to serve. Diane has a sign-up sheet available to help provide a good balance of different food and drinks. Tyson, K15VTR will be providing the Christmas Cake.

Bring the wives and kids for a fun morning for all. We will be drawing the winning ticket for the Raffle and also announcing who will be the WCARG "Ham of the Year" for 2023. This will also be a good opportunity to get to know all our newly joined members this year.

Don't forget to Save The Date 12/9/23 See ya'll there.



### Meetings / Nets / Test

**Who:** The **WCARG** club Members and anyone interested in Ham Radio' Also anyone ready to take a test.

**When:** Meetings are the second Saturday of every month at 9:00 am to 10:00am. Testing starts at 10:30. Come early and enjoy the meeting.

**Where:** Walker County Storm Shelter , 445 SH 75 N. Huntsville, TX **See map above.**

**NETS: WCARG** Net meets every Monday evening at 7:00 pm on 146.860 Repeater.

**Wires X Texas Patriot Room** Net meets every Monday evening at 7:30pm in Room 60755

**Come and join us. You do not need to be a member of WCARG to join in on all the fun.**

### As Said by our Lord

Matthew 9:28-29 (KJV)

And when he was come into the house, the blind men came to him: and Jesus saith unto them, Believe ye that I am able to do this? They said unto him, Yea, Lord.

Then touched he their eyes, saying, According to your faith be it unto you.

God is able to do anything but fail. We need to have faith and believe that he will answer our prayers. 🙏

Clenard Hightower KC5IYA



**WALKER COUNTY AMATEUR RADIO GROUP  
SECRET SQUIRREL FREQUENCIES**

**SSFVHF 147.410 MHZ  
SSFUHF 446.410 MHZ  
SSF220 223.410 MHZ  
6MSSF 52.525 MHZ  
10MSSF 28.525 MHZ**

## WCARG RIDE GROUP

*Beautiful weather made for a great October ride.*



**From left to right, we had Butch Fleming (KF5ZIP), David (Orange Peel) McGann (KG5ZPT), Dave Godfrey(NY5A), and Russ (Captain Hollywood) Cooper (NR5US)**



*Here is the complete article from the October Postcards Magazine*

*Community  
Builders*

*Story by Courtney Burleson  
Photos by Tom Miller*

# Walker County Amateur Radio Group

**Local enthusiasts embrace  
reliable, time-tested  
technology for both fun  
and public service.**





Dusk is arriving, and as you hike, the sky is becoming painted with hues of gold and pink as the sun fades behind the horizon. Suddenly, your sense of direction is gone. You're lost or worse yet, have become injured and unable to walk back to the trailhead on your own. It's time to pull out that cell phone, right? Wrong. There is no signal, or the phone is dead and there is no way to contact anyone for help - unless you have been trained as a "ham" radio operator.

Amateur Radio, also known as ham radio, is a popular hobby and licensed radio service that enables people to communicate all around the world and even through outer space without the use of the internet or cell phones, but instead, by using your own equipment and a radio frequency spectrum.

On a lighter side, imagine you are in the comfort of your own home and are listening to astronomy reports from the North Pole or visiting with friends in New Zealand as if they were sitting right next to you. These dialogues are not over a cell phone with outrageous roaming fees attached, but instead, the communication is through ham radio with no fees.

Both these scenarios may seem extraordinary, but for members of the Walker County Amateur Radio Group in Huntsville, Texas, they have been and can be a reality. After sitting down with some WCARG members, their passion and enthusiasm for amateur radio and the club itself became



evident. Stories with laughter, joy, and the desire to help others filled the conversations. While club members have found documents dating back to the 1950s, WCARG Vice President Rene Roman said the club has been truly active for more than 20 years. With around 70 members, the 501(c)(3)

nonprofit club meets weekly for breakfast. They also have a regular meeting on the second Saturday of each month at 9:00 a.m. at the Walker County Storm Shelter in Huntsville. For those who can't make a meeting in person, the club meets on the air each Monday at 7:00 p.m. at on-call station 146.860 DCS 631 negative offset.

Currently, there are over 700,000 ham operators in the United States. Those members are not just military veterans and old men reliving war stories over the radio; they include women and even the younger generation. In fact, the Huntsville Club has 10 and 12-year-old members. There is no age limit on ham radio operators, as long as they take the test and pass.

"We help people learn how to use their radios or even phone app and practice with them," explained Roman. "We are open to anyone who is interested or wants to learn about the hobby." Roman explains that it is a broad hobby, with many avenues, but for him, the human mind amazes him most. "What I enjoy most is the sheer inventiveness of humans," comments Roman. "Some 'hams' are able to bounce signals off the moon, access the International Space Station, or serve the National Weather Service as weather spotters." Roman even recalled seeing a ham radio made from a metal bed frame and crystals or barbed wire used as an antenna.

While some might imagine elaborate radios and equipment when they envision a ham



Ryan Gills



Top: Wilma & Glenard Hightower. Diane Roman. Josiah & Jesse

radio setup, it is not always necessary. "It doesn't take much to get into it," said Laura McDonald, WCARG secretary, and ham operator since 2020. "You can get set up with an antenna and a handheld radio to talk to people in the club. You can find a good handheld for less than \$100."

Ham radio operators can also use their skills through various outlets, including an "Echo Link" app on their cell phones or "Winlink" for sending emails on computers independent of the internet.

Operation of amateur radio requires an amateur operator license granted from the Federal Communications Commission (FCC), and the operation of ham radios does have some restrictions set by the FCC including no broadcasting (such as podcasts or music) is allowed. Everything on the ham radio is heard by anyone who tunes in.

Before receiving a license grant, you must pass an examination administered by a team of volunteer examiners that includes a series of questions, with a specified passing rate for each level. The three licensing levels for amateur radio are technician, general, and extra. On the technician level, ham radio

operators are able to communicate with other local operators and club members. The general license has more bandwidths, and the technology is a little more sophisticated. It usually includes a single desktop unit at 100 watts and is about the size of an alarm clock

radio. McDonald says she also recommends a tuner that helps align the radio frequency with the antenna. With each level, the radio operator's bandwidth increases, allowing them to communicate with others near and far.



Craig Schlicher setting up for a meeting



Rene, Greg, Diane & Clebard wrapping up a meeting at the Josey Lodge.

McDonald, who has an extra amateur license, has taken her handheld ham radio to New Zealand, and was able to talk to locals.

"It's great when you're traveling, because the other "hams" are so friendly, and I've met nothing but helpful people on it," says McDonald. "When we were in New Zealand, there was a ferry situation with a long delay, and by using the ham radio and with help from the local operators, we were able to avoid it."

Roman, who has an extra amateur license, talks about listening to reports from the Middle Atlantic--while Diane Roman visits with people from Alaska, Scotland, and Japan -- all on the ham radio, from the comforts of their homes in Huntsville, Texas.

Diane Roman also has an extra amateur license and is the WCARG social director. "I just want to emphasize how much fun it is," said McDonald. "We spend 99 percent of the time laughing and joking about silly mistakes as we're learning about amateur radio. We are never bored and share great stories."

McDonald does say one drawback is that it's

like fishing. "Since the amateur radio works off radio waves, it is affected by weather, solar storms, and other variables, so you don't always know what you're going to get," explains McDonald. "You don't always know where your radio contacts are going to come from. They can be pretty random at times. Sometimes you can't get out of the U.S., and sometimes you can reach people in other countries."

For McDonald and Diane, one of the most fascinating parts of amateur radio is its application in science and astronomy. "The radio waves we use are interlinked with the atmospheric condition," says Diane. "Operators use it to give reports to the National Weather Service, chase hurricanes, and give updates--or you can even talk to astronauts in space."

Along with the sheer joy of socialization and conversing with people around the world, for many, one of the big draws to amateur radio is being able to serve their communities in the event of emergencies.

"When Hurricanes Rita and Katrina hit, cell phones would not work, so the U.S. Navy was

using ham radio operators to communicate; and, during 9/11 when cell phone towers were jammed, ham radio operators were used for communication. When the wildfires ravaged parts of Northern California, amateur ham radio operators responded at shelters and county radio centers; and, in the aftermath, helped one community develop a radio communication network," explained Roman who was a member of the U.S. Army Reserve and an emergency preparedness liaison officer. "When natural events pose a threat to people's ability to communicate with family, neighbors, and with responders, amateur radio addresses that threat."

Diane says the club wants to be more involved with the community and teach people how to use the ham radios in the event of a disaster. "We want to help prepare them for if, or when, something does happen," said Diane. "If I'm in an emergency somewhere, there is someone out there who can help me with ham radio. I want others to know how to do that also and be able to get help."

For more information, visit. [www.wcarg.org](http://www.wcarg.org).<sup>P</sup>

## MEMBER BIO

*This month we look into Laura WW700 introduction to Ham Radio*



*Laura McDonald*  
WW700

### *My Introduction to Ham Radio*

My introduction to amateur radio began when Rene and Diane Roman moved from California to the street I lived on. . We got to know Diane as she was waiting for Rene to move to Texas after he retired. When Rene moved to Texas, which was as soon as he could possibly manage, he set up his ham shack and demonstrated how everything worked. My husband mentioned that he had been briefly interested many years ago, and Rene was kind enough to attempt to rekindle that interest by giving him a handheld unit to listen in on the local repeater. That interest never materialized and the radio made its way to my desk. Rene showed me how to listen in on the radio, and explained how to get a technician's license. I passed my technician's exam in December 2020, almost three years ago! I had to test at the Romans' home, as Covid had caused a lockdown and the club was not meeting. When club meetings resumed, I was able to attend and meet other hams. The president of the club, Dave Godfrey, made me feel welcome, as did all of the other members. I then began to look at different areas of interest involved in amateur radio, and got overwhelmed with all of the options. It took awhile to narrow things down!, HF piqued my interest, so I started studying for higher license classes, general and then amateur extra. I told myself that I would buy myself a nice desktop radio when I passed my last exam. It took about a year, but eventually one rainy day the Romans accompanied me to Dallas to a great Ham radio store and I bought myself a Yaesu 991A . After discussion with Russ Cooper about antennas, I purchased a Diamond x50, which lives on the porch behind the house, and an EFHW , which Scott assembled and installed in a tree nearby. At first it was very hard to understand what people were talking about on the radio. It was almost like learning a foreign language, as they used a lot of lingo that was unfamiliar to me. After a couple of months of listening, I started to get the hang of it. Around that time, Gary Joyce said he would try volunteering as Net Control, and I figured I would give it a shot as well! I have loved getting involved with Ham radio, and investing in a life-long passion that I can continue to learn so much about. My major interests include making long-distance contacts and emergency communications, and also talking to local hams on the repeater. I am looking forward to getting a mobile unit installed in my car and until then, use a Yaesu FT 70D that was a gift from the Romans, with an external antenna, to talk as I am driving . With a lot of assistance from more experienced hams, I have been able to get my 991A ready to use in the field with battery power. I am very appreciative of how welcoming and helpful everyone has been, especially when I was a beginner. The club has been so much fun to get involved in, and I look forward to continuing my Ham radio journey!



## LETTER TO PROSPECTIVE MEMBERS

*We are excited to help you along the journey that is Amateur Radio.*

Prospective Member,

The Walker County Amateur Radio Group thanks you for having an interest the fulfilling hobby of Amateur Radio, and even more so for reaching out to us for information and assistance in earning your Technician license!

CW, or Morse Code is no longer a requirement! Earning a Technician level license is easily achievable, and we are here to help guide you through the process. With the information below you can get started learning the HAM Radio craft.

Learning resources:

ARRL Technician class handbook (Digital or Hard Copy)

<https://www.amazon.com/ARRL-Ham-Radio-License-Manual/dp/1625951558>

Online study and practice tests. Register for free at top right.

<https://hamstudy.org>

Ham Radio Technician Prep Intro (2022-2026) [Video Playlist](#) from Ham Radio Crash Course

[47CFR Part 97 – Amateur Radio Service](#)

WCARG has a copy of the ARRL Technician License Handbook you may sign out for study if needed.

When you feel you are ready to test, contact us at [test@wcarg.org](mailto:test@wcarg.org).

We test after every monthly meeting on the 2nd Saturday of the month.

We also offer a "Cram Session". on dates to be determined. Approximately 6 hours crash course covering the entire Technician level question pool, and testing immediately afterwards. This is offered by Club Members that are both ARRL Registered License Instructor's and ARRL Volunteer Examiners.

What you need to bring to testing:

FCC Registration Number (FRN)

License Exam Session fee \$15 or \$5 under 18 years of age.

Be prepared to pay FCC \$35 Amateur Application Fee

[https://apps.fcc.gov/cores/html/Associate\\_Username\\_to\\_FRN.htm](https://apps.fcc.gov/cores/html/Associate_Username_to_FRN.htm)

You can find step-by-step instructions on how to register with the FCC and get your FCC Registration Number (FRN) here. <https://www.fcc.gov/wireless/support/knowledge-base/universal-licensing-system-uls-resources/getting-fcc-registration>

We are excited to hear from you, and help you along the journey that is Amateur Radio.

When you are ready to test, please email [test@wcarg.org](mailto:test@wcarg.org) and request either a standard test session during our monthly meeting, or the "Technician in a Day" testing session. A 6 hour session covering the entire question pool, and testing immediately after. Ensuring information is fresh in your mind for testing.

Sincerely,

Walker County Amateur Radio Group

## ONE DAY HAM TRAINING COURSE

*Join in the club's newest endeavor to assist prospective members .*



*Ryan Gills (Ry Ry the Tech Guy)*

*K4TXN*

*k4txn@yahoo.com*

***Hello Walker County Amateur Radio Group members***

It's K4TeXaN again!

I'm inviting you to join in the club's new endeavor to assist prospective members in becoming a licensed Amateur Radio Operator with our Technician Day Class. We will be offering a 6 hour session to cover ALL questions in the Technician level question pool, and testing immediately afterwards. Thus greatly increasing the probability of them passing the test and earning their Technician license.

The prospect will be given information regarding where to get study information and materials in an email or a download link to the [prospectivemember.pdf](#) document that y'all may download and pass on to anyone interested. When they are ready to test, they can participate in either our standard test session at our monthly meeting, or we can schedule the 6 hour Technician Day Class to give them one last chance to go over the material directly before testing at the end of that session.

If you wish to participate as in Instructor or Volunteer Examiner or both please let me know at the email in the signature of this email. As I am the License Instructor Team Coordinator. To take part in this we ask that you be one or both of 2 things. An ARRL Registered License Instructor and/or a Volunteer Examiner. As a License Instructor you can be any level Amateur Radio Operator, as to instruct you must be at or above the level of course you are instructing. This means that Technicians may participate as Instructors. As a Volunteer Examiner you must be General or Extra class to administer a Technician level examination.

If you are not yet an ARRL Registered License Instructor, it is easy to acquire.

1. You must be an ARRL member (skip if already a member...duh)

You can Register for an account and join the ARRL here.

<https://www.arrl.org/membership>

2. Make sure you fulfill the requirements as a Registered Instructor. (you all do)

<https://www.arrl.org/license-instructor-qualifications>

3. Register as a License Instructor

<https://www.arrl.org/License-instructor-registration>

4. Upon receiving your approval email, login and print your certificate.

Login - <https://www.arrl.org> and "Login" top center.

Click your name top center to go to your account.

Select "Volunteer Positions" on left to verify "Instructor" is listed.

Back button to previous page and select "My Certificates".

Select "License Instructor Certificate".

Select "Generate Certificate". This will create a .pdf for you to download and print.

If you are not yet a Volunteer Examiner, it is also easy to acquire.

1. Download the [ARRL Volunteer Examiner Manual](#)

2. Read chapter 2 of the manual which explains the VE accreditation process.

3. Complete the ARRL [VE Application Form and Open-Book Review](#).

Please email, fax, or mail/courier, a PDF file or scanned photo

image to the VEC. Additional instructions are located on Become

an [ARRL VE page](#).

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ARRL VEC  
225 Main St  
Newington, CT 06111 USA  
Fax: 860-594-0339  
Email: [VEC@arrl.org](mailto:VEC@arrl.org)

Once accredited you will receive in the mail a Certificate and a VE badge in approximately 3 weeks.

Other resources for the VE application process.

YouTube video <https://www.youtube.com/watch?v=kQsQreXnmvY>

VE Manual [supplemental information](#).

To view and edit .pdf files you can download the free [Adobe Reader software here](#). Make sure you scroll down and uncheck the add-ons box before downloading.

I look forward to hearing from you and thank you for your interest in WCARG's Technician Day Class!

If you have further questions, please contact me at the email below.

## **Ryan Gills**

Amateur - K4TXN

GMRS - WQZF521

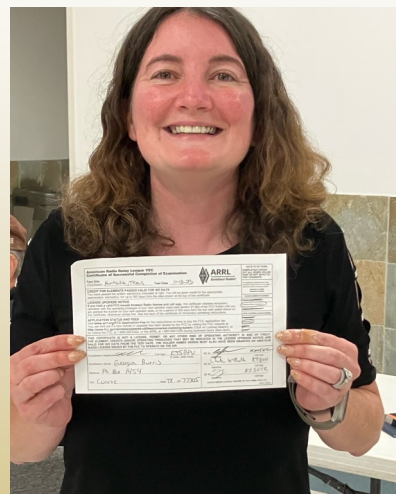
[k4txn@yahoo.com](mailto:k4txn@yahoo.com)

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# *— New Hams and Upgrades —*



Stephen McNeely passed his Technician License. Welcome to Ham Radio from everyone here at WCARG.



April Burriss KJ5BPU passed her General class License. On her way to Extra Class now. Congratulations April.

**Snippet from  
Dwayne Walters W5DPW**

Just sharing a novel mobile setup, and we would like to see other unique configurations.

I'm too cheap to buy an additional radio capable of a DCS code. Apparently my Icom706 MK 2G, all band transceiver, is not capable of DCS codes. So, with this setup, I take my mobile rig indoors on Monday night and connect it to my stationary J-pole antenna.

This is a Yaesu FTM-400XD.

There are only two connections: Anderson power-pole & coax.



**Gary Joyce KI5RMO shared a poem  
from his fathers WWII POW diary**

**You are Not Alone In Slumber Buddy—Buddy**

I have gathered up the puppies  
That surround the shearing shell

I have borrowed from Mohammed  
Cactus leaves he would not sell

I have drained the merest beauty  
From the crippled hills of hill

And I weave a wreath of sorrow  
Buddy—Buddy

I have scouted mid the embers  
Of the trenches but in vain

I have crawled upon the mountains  
And along the desert lanes

Seeking but a Jesus

To adorn a valiant slain

But your crucifix is cactus

Buddy—Buddy

I have sought among the ruins  
Where the ghosts of flags accrue

But I cannot find a fragment

Of the dear old flag we knew

To fold upon your memory  
And to ward the sands from you

So I lay you with your buttons  
Buddy—Buddy

I have commandeered a fraction  
Of Africa's old breast

With my fingers I have torn

For you to bivouac of rest

And your boots are turned to heaven

And your eyes are to the west

I have well fulfilled my promise

Buddy—Buddy

And I cannot bring you bugles

As I close your weary eyes

As I close your hands together

Neath the blue of foreign skies

But a part of me detaches

Descends to you and dies

You are not alone in slumber

Buddy—Buddy

**Frank Stebbing P.O.W.**

**Stalag Luft. Six 1944-19**

**November Birthdays**

Jim Lanier KI5NC

Glenn Rayfield KC5JLN

Shane Loosier KD5VFF

Russell Van Hees KD5NPM

Ken Koehier N5CIR

Mike Dahlhofer K8MRD

**Happy Birthday to ALL**



**"Of course I remembered your birthday!  
I had a drink with the guys at lunchtime."**

# LETTER FROM THE EDITOR

*“Push To Talk” Editor ... Dave Godfrey-NY5A*



**Dave Godfrey**  
**NY5A**  
**WCARG**  
**Newsletter Editor**

## *Outstanding Year for the WCARG*

Well here it is almost December. Another year behind us. I just cant say how proud I am of the growth and achievements of this club. We have some really talented members. I just want to give a big shout out to a few members that have gone above and beyond in helping the club grow. Thank you Russ NR5US for keeping our repeaters up and running, thank you Butch for all you do for the Texas Patriot Room, thank you Ryan for being our go-to tech guy for the club, Thank you Laura for keeping us all informed through your Email Blasts, thank you Jim for the great job

on the Raffle, and thank you Tyson for taking over the testing and bringing it into the 21st century. And a big thank you to everyone else that has put in the effort to keep the club running and growing. 73 for now. We will see you on the Radio.  
 Dave NY5A



### *Your WCARG Net Control*

146.860 DCS 631 (— Offset)

- Dec    Laura McDonald WW700**
- Jan    April Burris KJ5BPU**
- Feb    Need Volunteer**
- March Need Volunteer**
- April    Need Volunteer**
- May    Need Volunteer**

*Please Contact Glenn Rayfield  
 if you wish to volunteer.*

### *Your WCARG Officers And Directors*

- |                                     |               |                          |
|-------------------------------------|---------------|--------------------------|
| <b>President:</b>                   | <b>KC5IYA</b> | <b>Clenard Hightower</b> |
| <b>Vice Pres:</b>                   | <b>NR5US</b>  | <b>Russ Cooper</b>       |
| <b>Secretary:</b>                   | <b>WW700</b>  | <b>Laura McDonald</b>    |
| <b>Treasurer :</b>                  | <b>KJ5YN</b>  | <b>Steve Farlow</b>      |
| <b>Repeater:</b>                    | <b>NR5US</b>  | <b>Russ Cooper</b>       |
| <b>Testing:</b>                     | <b>KI5VTR</b> | <b>Tyson Eppink</b>      |
| <b>Social:</b>                      | <b>N5PTB</b>  | <b>Diane Colburn</b>     |
| <b>Net Control:</b>                 | <b>KC5JLN</b> | <b>Glen Rayfield</b>     |
| <b>Education:</b>                   | <b>K4TXN</b>  | <b>Ryan Gills</b>        |
| <b>Motorcycle<br/>Ride Captain:</b> | <b>KG5ZPT</b> | <b>Dave McGann</b>       |
| <b>Newsletter:</b>                  | <b>NY5A</b>   | <b>Dave Godfrey</b>      |

## NOVEMBER MEETING MINUTES

*WCARG Minutes from our November 2023 Meeting.*

*By Laura WW700*



*Laura McDonald  
WW700  
WCARG Secretary*

### **WCARG November Monthly Meeting Minutes**

Invocation- Clenard Hightower.

Visitors- Valarie Sullivan, Stephen McNeely, Joanne Smith, Gary Readore, Randall Kujawa.

No new members.

Secretary reads minutes of the last meeting, Dave Godfrey motions to approve, Jim Thompson 2<sup>nd</sup>, passed.

Treasurer's report- Stephen Farlow Russ Cooper motions to approve, Dave Godfrey 2<sup>nd</sup>, passed.

Lee Murrah talks about the importance of making wise decisions with the club finances.

Steven Prindle mentions that we approved the purchase of rope to be used for retrieving objects by tower climbers and asks if it has been done. It has not and Russ Cooper volunteers to do the purchasing.

W9DG John Marcus demonstrates remote control of his radio.

Repeater report- Russ Cooper- coax has been done, digital repeater is functional again, 146.640, Texas Patriots room, need a Yaesu transceiver to access it, Greg has RMS stations up for VARA FM and Winlink, 145.030 VHF and 446.150 UHF WCARG mailbox is up and running also.

Net Report- Glenn Rayfield- April Burris will be January's Net Control, gives info about Monday night net.

David McGann talks about the Saturday morning Hams and Eggs Breakfast at Denny's at 9 am on Saturdays. Stephen McNeely gets introduced, he just passed his technician test.

Dave Godfrey- Newsletter- send in your articles and pictures please. This issue is going to be interesting!

Jim Thompson- raffle report- please turn in your money and tickets, shares plans for the drawing, mentions the large number of tombstones at the VA cemetery and talks about veterans taking their own lives, gives ways you can help and who to contact, Steven Prindle, David McGann, and Dwayne Walters add other resources.

ARES/RACES Greg Colson- not much going on right now.

Lee asks if anyone wants to volunteer to run HF activities? Lower temperatures now are making the bands good.

Christmas brunch announcement.

Website- Lee has renewed our website name.

Vote on having an auction at the Christmas party passes. Clarification by William Hubbard that the items are donated to the club and any funds received are a donation. Lee as President Over rules the vote.

Nominations taken for Ham of the Year.

Presentation by Ryan and discussion by Russ about class to get a tech license in a day, motion made by Chester to approve it, 2<sup>nd</sup> by Clenard, motion passes to approve funds to buy study manuals- Chester, 2<sup>nd</sup>- several passes, hope to implement in mid January

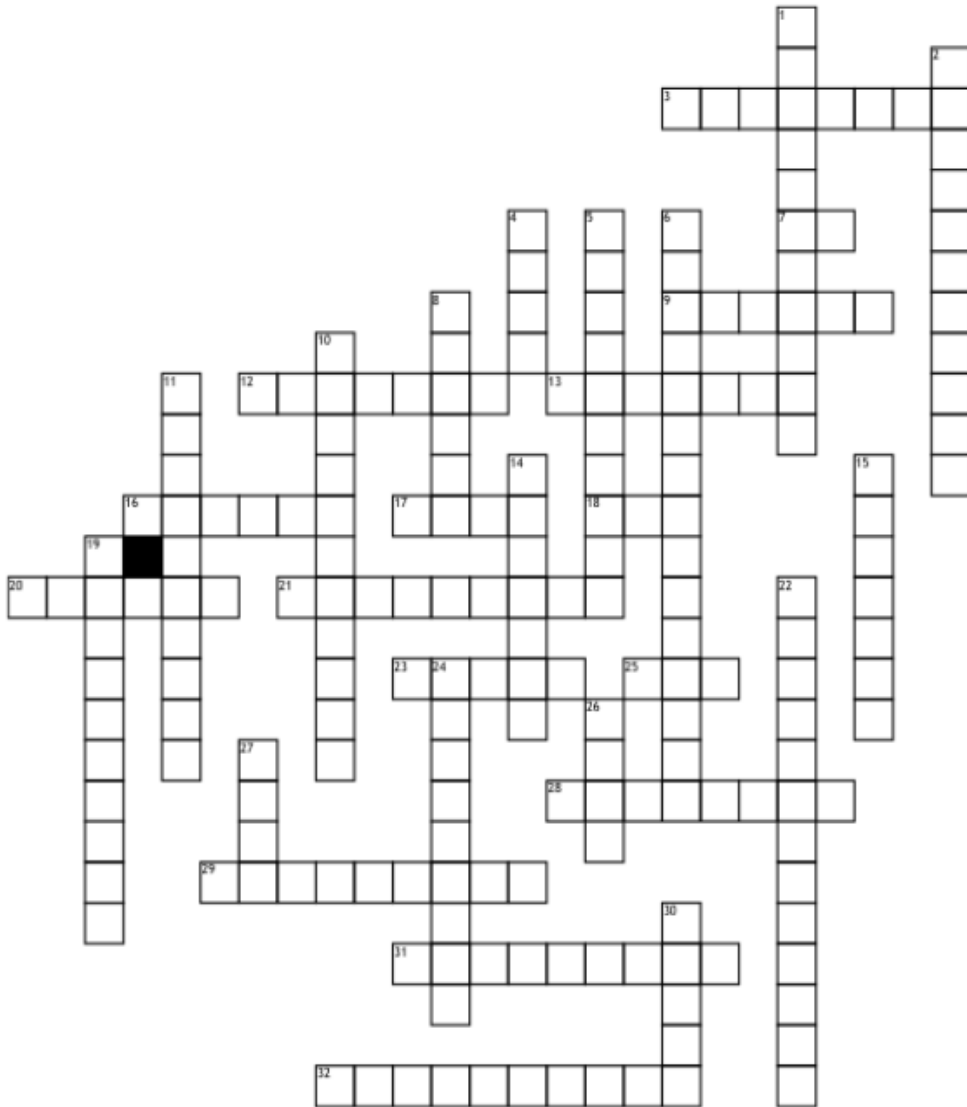
Tyson demonstrates latest improvements to his project- it is awesome!

Dave Godfrey- motion to dismiss, Jim Thompson 2<sup>nd</sup> and we leave!

## HAM RADIO PUZZLE CHALLENGE

For when your sitting around with nothing better to do with your time... Enjoy

# Amateur Radio



### Across

- 3. the type of electrical circuit in which the electric current flows along several paths
- 7. One type of radio station is an AM radio station; another type of radio station is an \_\_\_\_\_ radio station.
- 9. the ability to do work
- 12. a closed path along which electricity can flow
- 13. the push that moves current through a wire
- 16. the type of electrical circuit in which the electric current flows along a single path
- 17. the term used for an integrated circuit
- 18. unit of measurement for electrical resistance; it is named after a German physicist
- 20. the type of electricity you produce when you run a comb quickly through your hair
- 21. Satellite communications use very high frequencies called \_\_\_\_\_ frequencies.

- 23. the name for conductors which are used to connect components in an electrical circuit; they are usually made of copper

- 25. a semiconductor device that gives off light when current flows through it

- 28. one of the tiny particles that makes up an atom and has a negative charge

- 29. the two points on a battery where you connect wires

- 31. a material that electricity flows through easily

- 32. an electronic component used in radios to increase the loudness of a sound

### Down

- 1. a device to increase or decrease voltage

- 2. refrigerators, stoves and household light bulbs use \_\_\_\_\_ current

- 4. the unit of measurement for power

- 5. the device you speak into to turn your voice into an electrical signal

- 6. Both light waves and radio waves are examples of \_\_\_\_\_ waves.

- 8. a device that completes or breaks an electrical circuit

- 10. a device that is used to produce radio signals

- 11. the equipment used to receive moving pictures sent using radio waves

- 14. a device that turns an electrical signal into sound

- 15. a device that produces electricity by using chemicals

- 19. the distance between two crests on a wave

- 22. a material that has the characteristics of an insulator and a conductor

- 24. a material that electricity cannot flow through easily

- 26. the unit of measurement for voltage

- 27. a safety device used to cut off the electricity if the current gets too high

- 30. the amount of energy used up every second

# REGIONAL AMATEUR RADIO CLUBS

*List of the Regional Ham Clubs around Walker County.*

## Regional Amateur Radio Clubs Info

There are many benefits of having this informal “Amateur Radio Club” InfoDoc published here so that all our local hams can have access to this important and useful information. Here are just a few of these benefits.

- The knowledge of one of your local clubs upcoming activities.
- The co-mingling of various club members in an informal setting.
- Public Relations through the interactive club functions, internet, radio, newspaper and maybe even local tv.

**it Is all about knowledge, comradery and fun with those of a like interest.  
Let us make it happen - - - we will all benefit!**

### Current List of Surrounding Clubs [More to be added](#)

DETARC				Deep East Texas Amateur Radio Club
WA5EC	Houston County Amateur Radio Club	WB5BCS		Bryan Amateur Radio Club
LCARC	Lake Conroe Amateur Radio Club			
SHARK	Sam Houston Amateur Radio Klub			
TARC	Tyler Amateur Radio Club			
WCARG	<u><a href="#">WALKER COUNTY AMATEUR RADIO GROUP</a></u>			

**If you know of a club you would like to have added to the list, please let them and us know.**

**DETARC** [Deep East Texas Amateur Radio Club](#) DETARC.net  
 904 Sherwood Rd Lufkin, TX 75904

**Monthly Meetings:** [4th Thursday](#) 1900 hrs (7pm) - 1830 (6:30pm when presentation)  
[Carpenters Way Baptist Church](#) 400 N. John Redditt Dr. Lufkin, Tx

**ZOOM:** No

**Breakfast:** No

DETARC Web Site: [www.DETARC.net](http://www.DETARC.net)

DETARC Facebook Page: <https://www.facebook.com/DETARC/>

DETARC Email Reflector: <https://groups.google.com/forum/#!forum/DETARCOFLufkin>

Pres: KG5TKF Dayton Jones

Comm Liaison Off: K0YY Roger

VP: AA5HH Mike Hooks

Trustee/RepeaterTech: WD5EFY Mike Miles

Secr: KG5YNA Tim Evans

RACES: WD5EFY K0YY

Tres: K5HER Patricia Allen

EEC: WD5EFY Mike Miles

146.940	141.3	Repeater	Weekly Net	Tuesday	8pm
147.360	107.2	Repeater			

146.980	141.3	Repeater			
144.390		APRS Dipeater	and lgate		
145.05	WINLINK node	Lufkin	(High level)	W5IRP-10	Packet repeater/ node
145.07	WINLINK node	K5KRK-10	Packet repeater/node	(local coverage)	



W5BCS

**Bryan Amateur Radio Club**

bryanarg.org

P.O. Box 4442 Bryan, TX 77805-4442

**Monthly Meeting:** 3<sup>rd</sup> Saturday of month 9:30am Earl Graham Post 159 American Legion 101 Waco Street, Bryan, TX 77802

**Breakfast/Lunch:**

ZOOM:

- Pres: N5ZKF Phil Gates
- VP: W4RDP Rick Pheil
- Secr: KG5LYE Matther Barry
- Tres: W5VUI Gerald Golub

EARSTX

**East Side Amateur Radio Service**

earstx.org

W Baker Rd, Baytown, Texas 77520

**Monthly Meeting:**

**ZOOM:**

**Breakfast/Lunch:**

- NE5TX - David - Repeater Trustee
- N5KND - Greg - Repeater Trustee and treasurer
- W5WES - Wes - Engineer and Webmaster
- N5HSE - Jason - Volunteer Exam liaison
- KC5AOI - Lamar - Events -
- KI5GNL - Ron - Digital and backup repeater engineer -

Freq	CTSS	DSC	Offset	Net	Time	
444.975				Monday	1930 / 7:30pm	Fusion-WiresX
145.310	167.9		-.60	Tuesday	1900 / 7pm	VHF

WA5EC

**Houston County Amateur Radio Club**

houstoncountytarc.org

3477 FM 229 Crockett, TX 75835

Call Sign: KI4OAS - Van Sims H – (936) 545-9314 C – 936 222-8891 vanandcindy@bluetiehome.com

**Monthly Meeting:** **Second Tuesday** of every month at 7:00 PM

Crockett County Emergency Management Agency 600 Bradshaw St, Crockett, TX 75835

ZOOM: No

**Breakfast:** **Saturday before 2<sup>nd</sup> Tuesday** 8am Rose Marie's Hill Top Kitchen Crockett, TX

Pres: KG5DR Joe D Easley B/M:

IVP: KG5OKI Steven Easley B/M:

Secr: W5QLT Lisa Fowler B/M:

Tres: KI5OAS Van Sims (Tuesday Net 146.700 Linked to Lufkin – 94 Repeater

EC: KI5OAS Van Sims

146.700	123.0	Repeater	Crocket, TX	Tuesday Net	8 pm
145.310	103.5	Repeater	Crocket, TX		
440.350	CC – 9	Repeater	Crockett, TX	DMR	
443.600	100	Repeater	Crockett, Tx	UHF	

Freq	CSTT	DSC	REP	Net	Day	Time
146.700	123.0				Tuesday	8:00pm/2000

## LCARC

## Lake Conroe Amateur Radio Club

ac51c.org

14401 Shepard Hill Rd Willis, TX 77318

**Monthly Meeting:** 3rd Thursday of the month except November and December—7pm

Leisure Lane RV Resort Club House 15406 FM 3083, Conroe TX 77302. The Gate Code for the club is #5555

We will have at the very least an audio feed via Zoom Videoconferencing.

Please change your name to your **Call - Name** to be admitted by the Host

The Zoom Conference Link is: <https://us02web.zoom.us/j/8126390822>

### Breakfast:

E-mail: [info@ac51c.org](mailto:info@ac51c.org)

Facebook: [facebook.com/thelcarc](https://www.facebook.com/thelcarc)

Mail List: [lcarc.groups.io](https://groups.io/g/lcarc)

### Club Officers

President - David Cantrill [K5DLD](https://www.qr.com/call/K5DLD)

Quartermaster - Dane Keaus [KD5EWF](https://www.qr.com/call/KD5EWF)

Vice Pres - Chuck Hucke [KC5RER](https://www.qr.com/call/KC5RER)

Secretary - Tina Larson [KT5INA](https://www.qr.com/call/KT5INA)

Treasurer - Josh Bennink [KI5HAI](https://www.qr.com/call/KI5HAI)

Board Member - Brad Eble [K5ZXJ](https://www.qr.com/call/K5ZXJ)

Board Member - Travis Jones [KG5TND](https://www.qr.com/call/KG5TND)

Call Trustee - Jim Gatwood [WA9JG](https://www.qr.com/call/WA9JG)

## LAARC

## Lakes Area Amateur Radio Club

w5jas.org

**Monthly Meeting:** Last Thursday 7pm Jasper Airport Bell Field  
(off FM 777 and Hwy 190 West in Jasper)

Zoom:

### Breakfast:

Pres: KF5DHY David Keller

VP : KI5CDP Wilber Clark

Secr: K5DDM David McGilbery

Tres: K5PFE Robert McWhorter

## NARC

## Nacogdoches ARC

n5nac.com

167 County Rd 2093 Nacogdoches, TX 75965

**Monthly Meeting:** **First Wednesday** of every month at 7pm.

Nacogdoches County EOC [727 FM 3314 Nacogdoches, TX 75964](https://www.google.com/maps/place/727+FM+3314+Nacogdoches,+TX+75964)

ZOOM: ?

**Weekly Luncheon:** Wednesday 11am Clear Springs Café 211 Old Tyler Rd Nacogdoches, TX

Pres: KI5FIQ Aaron Baker [baker.barisax@gmail.com](mailto:baker.barisax@gmail.com)

VP: KI5POH Mark Phillips [markphillips@asp-inc.cpm](mailto:markphillips@asp-inc.cpm)

President: KT5TE Bill Rasher [bill@watershipfarm.com](mailto:bill@watershipfarm.com)

Sec/Treas: AE5P Army Curtis [ae5p@arrl.net](mailto:ae5p@arrl.net)

EC: KC5MIB John Chapman [kc5mib@arrl.net](mailto:kc5mib@arrl.net)

# SHARK

# Sam Houston Amateur Radio Klub

shark.org

PO BOX 1947 Cleveland, TX 77328

**Monthly Meeting:** 2<sup>nd</sup> Tuesday Monthly at 7:30pm (if testing 6:30pm)

North Baptist Church 202 Elk St. Cleveland, TX

ZOOM: ?

**Weekly Breakfast:** Big O's BBQ & Grill 7am 26509 TX 321 Cleveland, TX

Pres: KI5WYP Rodney Ballard

EC:

V/P: KI5PWM Michael McDonald

Trustees:

Tres:

N5WWS Al Andrews

Sec: KI5QNJ Cesar Rivera

N5AK Dave Wise

Activities Manager: KI5kFA David Moen

N5WSB Pete Burwell

Freq	CSTT	DSC	REP	Net	Day	Time
146.900	100			SHARK Net	Thursday	7:45pm/1945
444.650	100					
224.780	No Tone					

# W5AC

# Texas A&M Amateur Radio Club

w5ac,tamu.edu

**Monthly Meeting:**

Zoom

**Breakfast/Lunch:**

Pres: KL4LJ Hudson Spillers PrimAdv Dr Kevin Nowka, PhD

VP: AE5ID Ian Duncan SecAdv AD5RN Dr Josh Bosshard, PhD

Secr: KT5KFM Katherine Forson LicTru KZ5M Mike Mertes

Tres: KI5YBE Nayab Warach

# TARC

# Tyler Amateur Radio Club

tarc.org

P.O. Box 6393 Tyler, Texas 75711

**Monthly Meeting:** 3<sup>rd</sup> Thursday 7 PM

Shiloh Road Church of Christ corner Shiloh Road and Paluxy Drive Tyler, TX

ZOOM: ?

**Breakfast:** 4<sup>th</sup> Saturday 7:30am Happys Fish Tyler, TX

Pres: W5RCP Roman Parish Board: AF5JM Jack Malone

VP: KI5OFN Robert Holloway Board: KC5WKL Josh Threadgill

Secr: KE5FGC Josh Kaufman

Tres: KE5FGC Josh Kaufman

EC:

**Email:** [info@k5tyr.com](mailto:info@k5tyr.com)

Weekly Net: Monday 8:00 PM 146.960 MHz +600 kHz offset 136.5 CTCSS tone.

Freq	CSTT	DSC	REP	Net	Day	Time
146.960	136.5				Monday	8:00pm/2000

**Monthly Meeting:** 2<sup>nd</sup> Thursday Chat-6:30pm Meeting-7pm Galveston County Emergency Management Building 1353 FM 646 Rd West Dickinson, TX 77539 Press 4 to gain access, go to elevator come to 2nd floor, exit elevator go to far end of hallway, conference room on right.

**ZOOM:** <https://zoom.us/j/95272258987> Meeting ID: 952 7225 8987 Password: 147140

**BREAKFAST: Saturdays 7am** Nopalera Grill 1736 Texas Avenue Texas City, TX  
 Pres: KT1AA Bo Thomas **Director:** K5MSF Don Deyo  
 V/P: AE5PX Dave Staner **Director:** WB5ZBK George Garret  
 Sec: KF5UKF Wes Coleman **Director:** WA5OMB Joe Gallagher  
 Trex: KI5ELG Scott Staten

FREQ	CSTT	DSC	REP	Net	Day	Time
147.140	167.9			WR5TC	Texas City, TX	
442.025	103.6			K5BS	Texas City, TX	

**WD5TYL****TYLER COUNTY AMATEUR RADIO ASSOCIATION**

wd5tyl.org

203 Veterans Way Woodville, TX

**Monthly Meeting:** 1<sup>st</sup> Thursday 7pm (Tyler County ARES 6pm) VFW Hall 203 Veterans Way, Woodville, TX

**Zoom:** No

**Monthly Breakfast:** 2nd Saturday 7:30am Wild Bill Grill 233 US HWY 190 Woodville, TX 75979

Pres: KI5IPW Kurt Hollier kurt.hollier@gmail.com

VP: KI5OVN Leah Hollier

Sec/Tres: KF5YDG Charles (Chuck) Petri

Chaplin: KG5JYR Guy Glimp

EC: AE5VV Nick Toparcean

Freq	CSTT	DSC	REP	Net	Day	Time
147.220	100			ARES Net	Monday	7:00pm/1900

**ULLWA****Upper Lake Livingston Wireless Association**

llwa.com

PO Box 1311 Onalaska, TX 77360-1311

**Monthly Meeting:** 2<sup>nd</sup> Thursday 7:00pm (doors open 6:30pm)

Onalaska Volunteer Fire Department 181 Old Groveton Road Onalaska, TX, 77351

**ZOOM:** Link: Meeting ID: 825 7576 4538 PassCode: ULLWA21

**Monthly Breakfast:**

Odd Months: 8am 4<sup>th</sup> Saturday Paradise Grill 15220 SH 150 W Coldspring, TX

Even Months: 8am 4<sup>th</sup> Saturday Jerrys Restaurant 14597 US HWY 190 Onalaska, TX

Pres: AA5DT Dennis Teal

VP: KD5UAD Ron Herron

Secr: KG5AWU Beverly Thonpson

Tres: W5TXT Skip Strous

EC: W5TXT Skip Strous

Repeter Trustee: WB5HZM Steve Colburn

Board: KV5P Mike Miles

Board: KE5YOW Robert Canet

Board: KA5TBL James Walker

**Breakfast:** 4<sup>th</sup> Saturday Even Months 8am Jerry's Restaurant Onalaska, TX

Freq	CSTT	DSC	REP	Rep Loc	Net	Day	Time
145.350	131.8	---		Trinity/Chita	Ullwa	Tuesday	7:45pm/1945
147.040	136.5	---		Livingston	Polk County Emerg/SkyWarn	Tuesday	6:30pm/1900
442.150	103.5			Coldspring			
443.025	67.7	C4FM		Coldspring			

PO Box 8795 Huntsville, TX 77340

**Monthly Meetings:** 4<sup>th</sup> Saturdays (except Nov & Dec) 9am ----- In 2003 - 2<sup>th</sup> Saturdays (except Nov & Dec) 9am

Walker County Storm Shelter 445 TX 75 Huntsville, TX 77340

Testing every regular meeting 10:30am

**Weekly Breakfast:** Every Saturday 9am DENNYS Restaurant 3016 11<sup>th</sup> St (Hwy 190W) Huntsville, TX

Pres: KV5M Lee Murrah Repeater Committee: NR5US Russ Cooper

VP: KG6YYT ReNe Roman Testing Committss: KG5YYT Rene Roman

Secr: KI5MKC Laura McDonald

Tres: KJ5YN Stephen Farlow

146.86	DCS 631	Repeater	WCARG Net	Monday	7:00pm
	Echolink Node 970435				
146.64		Fusion	WiresX	Texas Patriot Room 60755	
147.410	Simplex	Local Simplex			

***Many thanks to Gene Kohrman KI5JDC for creating and maintaining the above Amateur Radio Club list.***

