



COLLINS AMATEUR RADIO CLUB

Richardson, Texas

SIGNALS

MONTHLY NEWSLETTER

Volume 41 Issue 12

Web Site <http://www.n5cxx.us>

September 2020

CARC

Membership Meeting

Tuesday 22 September 2020 6:45 PM

NOTE THE TIME CHANGE

Zoom Doors Open at 6:15 p.m. for Socializing and AV Tests

THE September 2020 MEETING WILL BE CONDUCTED BY VIDEO CONFERENCE!

Program: SDR - DC to Daylight

By Tom McDermott, N5EG

IEEE. He's a graduate of the University of California Berkeley (BSEE). (See Tom McDermott's Biography on page 6)

CARC Community Service Activities

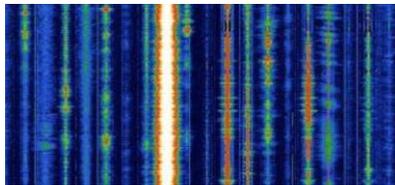
Siren Testing Dennis Cobb WA8ZBT, John McFadden K5TIP and Jim Skinner WB0UNI participate in the Richardson emergency siren testing. The September test was cancelled due to cloudy weather. The sirens are monitored by amateur radio operators and reports made using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz. Siren testing occasionally uses the University of Texas at Dallas (UTD) repeater at 145.430 MHz, which is designated as the backup repeater.

Crime Watch Patrol Jim Skinner WB0UNI participates in Richardson Duck Creek Crime Watch Patrol (CWP). CWP members, after successful completion of Richardson Police Department training, patrol their neighborhoods and report all suspicious activities to the police department.

SEPTEMBER MEETING ANNOUNCEMENT

Our next meeting is on Tuesday, September 22nd, from 6:45 p.m. to approximately 8:30 p.m. The meeting will be conducted as a video conference using Zoom. Our meeting is starting early to accommodate our speaker who will be presenting from Oregon. Login instructions will be emailed to members the weekend prior to the meeting.

Our meeting will begin with a brief welcome and opening at 6:45 p.m. and will be followed by a presentation given by Tom McDermott, N5EG, on the subject of "SDR - DC to Daylight." Tom will cover numerous applications of Software-Defined Radio (SDR) for amateur radio.



Typical SDR Waterfall Display

N5EG's presentation will cover applications ranging from knobbed devices, to knob-less and web servers. Tom plans an overview of three generations of SDR radios covering HF, VHF/UHF and Millimeter Wave technologies. He'll also include numerous references for further study. This program was originally presented at the Seapac 2016 SDR Seminar.

Tom McDermott has been licensed over 50 years, and, is a Life Member of the ARRL and a Life Senior Member of

New Collins Building Access Restrictions

Per Security, all "non-essential" access to Collins Aerospace facilities (which includes employee recreation activities) is shut-down until the Covid-19 pandemic is resolved. Anyone needing access to the Club Station needs to submit an email request to Security with an explanation of who, when and why access is needed, and the Security team will review, and if approved, the person will only be allowed access via the North Gate. For contact information, send an email to kr1zan@arrl.net asking for Security contact information.

FYI—Until further notice, masks are now required inside all Collins buildings. Also, a temperature check is required before entering the property. During busy hours there is a manned tent near the north gate where the temperature check is performed. During off hours, there is a place at the north gate for a self-check.

CARC OFFICERS	
PRESIDENT Frank Krizan KR1ZAN 214-563-6679 kr1zan@arrl.net	VICE-PRESIDENT Bill Swan K5MWC 972-529-3906 bill@swanshome.net
SECRETARY Jim Brown AF5MA 972.495.2209 jhsbrown@verizon.net	TREASURER Rohan Thomas KG5RCN 972.697.3512 Rohan7066@yahoo.com
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VE SESSIONS

Collins Amateur Radio Club (CARC) Test sessions take place on fourth Tuesdays, immediately following the regular CARC monthly membership meeting (about 7:30 p.m.). The test sessions are held in Conference Room A of the Methodist Richardson Medical Center, at the Bush/Renner/Shiloh intersection in Richardson. Walk-ins are welcome, but it's best to register with the lead examiner, Kerry Weeks, at weeks.kerry@gmail.com or by phone at (214) 478-3230. **CANCELLED UNTIL FURTHER NOTICE**

Dallas tests are held on the fourth Saturday of each month at 1000 hrs. 13350 Floyd Rd. (Old Credit Union) Contact Bob West, WA8YCD 972.917.6362

Irving tests are held on the third Saturday of each month at 0900. Fifth and Main St. Contact Bill Revis, KF5BL 252-8015

McKinney VE test sessions are held at the Heard Museum the first Sunday of the month. The address is 1 Nature Place, McKinney TX. The time of the testing is 1430, ending no later than 1645. **Note: no tests given on holiday weekends.**

Garland testing is held on the fourth Thursday of each month, excluding November, and begins at 1930 sharp. Location is Freeman Heights Baptist Church, 1120 N Garland Ave, Garland (between W Walnut and Buckingham Rd). Enter via the north driveway. A HUGE parking lot is located behind the church. Both the parking lot and the Fellowship Hall are located on the east side of the church building, with big signs by the entrance door. Contact Janet Crenshaw, WB9ZPH at 972.302.9992.

Plano testing is on the third Saturday of each month, 1300 hrs at Williams High School, 1717 17th St. East Plano. Check Repeater 147.180+ for announcements.

Richardson The Richardson Wireless Klub (RWK) VE team hold license testing on the third Thursday of each month at St. Barnabas Presbyterian Church, 1220 West Beltline Rd. Testing begins at 1900 hrs in room 12. Enter through the Northern most door on the east side of the church building. For further information contact Don Klick KG5CK. 972.464.2889 or E-mail rwkhamtest@gmail.com.

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The Prez Sez

with KR1ZAN



I hope this edition of SIGNALS finds you and your family safe and healthy. I don't know about you, but I'm definitely ready to get back to "the way life used to be." Ham radio has certainly offered lots of opportunities to communicate to shed the boredom — both on the air and with officers and members of our Club.

A personal goal of mine this year has been to get the unfinished business of our club 'finished', or at least identified with a plan for completion. I sincerely appreciate all the effort prior club officers and dedicated volunteers have done. Our lives seem to get cluttered nowadays and often non-personal matters get a lower priority. The Board of Directors has been attempting to identify those things that somehow got to the bottom of the list and either get them done or decide if a need no longer exists.

The Board of Directors has begun meeting monthly once again. We meet on the second Tuesday, monthly, at 7 p.m. via Zoom. I will be announcing the Board meetings via the Weekly Updates, and, will include the Zoom login info. All members are welcome to attend as an observer. Opportunity will be given for comments and input.

This month's President's column is rather lengthy because I have covered the actions taken by the Board. In the future, we'll be looking at a more streamlined way of reporting on Board meetings. But, for now I hope you'll read on to see "how the sausage is made!"

The CARC Board of Directors held a Board meeting on September 8, 2020 via Zoom. This meeting was open to all members and announced via email. In attendance were: Frank Krizan, KR1ZAN, Bill Swan, K5MWC, Jim Brown, AF5MA, and Kerry Weeks, K5WKS. Also, attending as an

observer was Jim Skinner, WB0UNI. The meeting was called to order by President Frank KR1ZAN at 7:05 p.m.

The Board followed the Agenda as announced.

1. Jim AF5MA and Frank KR1ZAN will start an inventory of the Club's assets in the Club Station on Friday, Sept. 11th.
2. An Action Item Register (AIR) showing current open items from previous General Membership Meeting Motions and Board member action items will be published and placed in the Member's Only section of the n5cxx.us web site. Frank KR1ZAN will notify members when this AIR has been published. Anyone with questions or reporting action progress should contact Frank via kr1zan@arrrl.net
3. The matter of approval for a club logo for the Collins Amateur Radio Club has been discussed at Board workshops the past few months. The consensus of the Board is to adopt the logo that has been used on the web site, various club documents and the SIGNALS newsletter. Several variations of the logo should be available for different use. Jim AF5MA is to develop a style sheet showing several allowable options. The following motion was submitted by Kerry K5WKS: Moved that the current Collins Amateur Radio Club logo using the "Collins meatball" be affirmed as the official Club logo. The motion was seconded by Jim AF5MA and approved by the Board. The style sheet will be shown to the membership at the September CARC meeting with a motion to adopt the logo and variations.
4. Using the new logo standard, Frank KR1ZAN and Jim AF5MA presented a proposal for a club name/call badge standard with the following motion made by Kerry K5WKS: Moved that the Board of Directors is empowered to work with the Sign Man of Baton Rouge to establish an ordering system for individual members to order personal name/call badges bearing the Collins Amateur Radio Club logo. Considerable discussion followed which included a discussion of the Club purchasing new badges for all members and new members. A suggestion was made to investigate one other source of badges. The motion died for a lack of a second. This item will be taken up at a future meeting.
5. The Club has discussed selection and design of a new Club shirt with Club logo for over a year. Samples of shirt material and styles have been shown to members by Bob Coulbourne, W4FTD, owner of HamWears. A delay in finalizing selection has been related to not having final approval of a Club logo. As we near completion of the logo, we can move ahead with the shirt project. Jim AF5MA and Frank KR1ZAN will meet with Bob W4FTD to come up with options to present to the membership at an upcoming meeting.

6. The Board has been discussing the future of the Club for several months, and, at a recent Board workshop discussed the Statement of Purpose of CARC as stated in its Constitution. The purpose is detailed, but does not have supporting documentation to define each Purpose statement and does not include a measure of success. It has been felt that the Statement of Purpose may limit the Club in future planning.
7. After review of a number of amateur radio clubs inside and outside of Collins Aerospace, the following Revised Statement of Purpose has been proposed via motion by Kerry K5WKS and seconded by Jim AF5MA: Moved that a Revised Statement of Purpose be recommended to the membership of the Collins Amateur Radio Club to read:

"It shall be our purpose to further the exchange of information and cooperation between members, promote radio knowledge, goodwill and individual operating skills, and to conduct Club programs and activities to advance the general interest and welfare of amateur radio among our members, the Company and the community."

The Motion passed and will be presented to the membership at the September General Meeting.

8. The CARC Treasurer Rohan Thomas, KG5RCN, and President Frank Krizan, KR1ZAN, have been frustrated in attempting to correct signatories on our checking account at Prosperity Bank, along with attempting to change the official club name on the account. Historical records of the Taxpayer ID Number used to open the account are lost. This has prompted a discussion of applying for recognition as a non-profit organization. This will allow for legal protection for officers and members, fund raising opportunities, access to certain parks and recreation areas for club gatherings and operating events and the ability to accept monetary and property donations. The bank checking account changes will be deferred until this matter is settled.
9. A proposal to create a new constitution (Articles of Formation), Bylaws and Standard Operating Procedures was discussed by Frank KR1ZAN. Frank has been in contact with Glen Warnstaff, K5CPD, who has provided free, volunteer services to numerous clubs in the West Gulf Division (ARRL), about how to proceed and what the steps are in registering as a non-profit organization with the State of Texas and IRS. The approximate initial cost to apply as a 501(c)(3) organization would be \$350 for State and IRS. Recurring annual costs would not exceed \$20. After considerable discussion, Kerry K5WKS presented the following Motion: Moved that the Board of Directors shall present to the membership of the

Collins Amateur Radio Club a proposal to apply for recognition as a 501(c)(3) non-profit organization, and, in so doing, generate the necessary changes to the Club constitution to create Articles of Formation, Bylaws and Standard Operating Procedures. The Motion was Seconded by Jim AF5MA and approved unanimously by the Board. This proposal will be discussed at the September General Membership Meeting with a possible motion to proceed. Since changes to the Club constitution are needed, draft proposals will need to be made available to all members for adoption at an upcoming meeting.

10. The final item on the agenda was discussion of the need for a Club Vision Statement. Creation of a Vision Statement will need the input of all (or as many as possible) our members. A Vision Statement expresses what CARC will look like in a certain number of years (typically 5 to 10 years). The revised Statement of Purpose (Mission Statement) defines what the club does. The Vision Statement is a “target”, and goals and objectives are developed (short and long term) to define how the Vision is achieved. It is anticipated that open hearings (probably via Zoom) will be held in the future to gather inputs from members.

The meeting was adjourned at 8:50 p.m. on motion of Kerry K5WKS and seconded by all.

Until next month, 73, Frank KR1ZAN

Vice President/Membership Chairman Report

The CARC is pleased to welcome Brian Belcher to the club membership. Brian holds an Extra class license and has interests in CW, SDR and antennas. He is an ARRL member.

Welcome Brian!

Current Membership - 53

- Full Members - 32
- Associate Members - 13
- Life Members - 8

The most current roster is posted on the Members Only portion of our web site. If you need a Member ID and Password for the Members Only portion you can contact Mike Hollingsworth at (C) 972-571-6060.

Secretary's Report

25 August 2020

President Frank Krizan KR1ZAN called the meeting to order on-line via Zoom at 1902.

The following logged into the meeting:

Brian Belcher	WA5M
Jim Brown	AF5MA
Bob Coulbourne	W4FTD
Mark Dempsey	N5MD
Bill Fell	KK5PB
Steve Flannigan	W5HPQ
John Galvin	N5TIM
Dave Jaksa	W0VX
Frank Krizan	KR1ZAN
John McFadden	K5TIP
Mike Schmit	WA9WCC
John Schroeder	K5ZMJ
Clarence Sebesta	K5YO
Jim Skinner	WB0UNI
Jim Stafford	W5DTG
Bill Swan	K5MWC
Kerry Weeks	K5WKS
Milton Withers	AD5XD
Joe Wolf	N5UIC

Officer and Committee Reports

President's Report, Vice President's Report, Activity Manager's Report and Secretary's Report were referenced as they appeared in the August newsletter, and no changes were noted.

Treasurer's Report: President Frank Krizan delivered the Treasurer's Report for Treasurer Rohan Thomas KG5RCN.

Old Business

None.

New Business

None.

Announcements / Discussion

Jim Skinner WB0UNI asked about the possibility of conducting VE training sessions outdoors in a local park during COVID-19 restrictions. Kerry Weeks K5WKS agreed to explore possibilities in the area.

Frank Krizan suggested that upgrade training can be done on-line during pandemic restrictions if there is any interest.

Bill Fell KK5PB stated that he had notified Collin County of his availability to support emergency communications as needed during the upcoming Hurricane Laura.

Adjournment

The meeting was adjourned at 1932, followed by a presentation on DXing for Non-DXers, by Dave Jaksa W0VX.

Activity Manager's Report

by Kerry Weeks, K5WKS



Our speaker this month is someone I've admired even before becoming a ham — Tom McDermott, N5EG, will be our speaker on September 22nd on "SDR — DC to Daylight". I knew Tom at Rockwell Collins and found that he had a way of explaining things that a non-techie could understand. Join us early for this meeting, because Tom needs to start his program at 7 p.m. on the dot. We'll open the Zoom doors at 6:15 p.m. on 9/22 for socializing and getting your computer settings right.

Steve Coleman, WB4GHY, will be our speaker in October with lots of photos and tales of his travels to several far-away places where his work took him, and he was able to make use of massive antenna arrays. He will tell us what it's like to be the DX and handle major pile-ups.

November is our Annual Meeting, which includes election of officers for 2021. We're still waiting for confirmation from our program presenter.

December is up in the air at this point. Since it's not practical to gather as a large group for our annual Christmas Dinner, we may have a speaker on the second Tuesday, or just have a social gathering via Zoom. I think it would be fun for everyone to share a thing or two about their ham radio life this past year and what they plan to accomplish in the coming year.

What do you think? Understand this — I'm not a mind-reader and I'm not blessed with any form of ESP, so you will need to call or email me with your thoughts. Look up my contact info on Page 2 of this Newsletter.

Also as we start lining up speakers and programs for 2021, if you have ideas for programs send them along. Every little bit helps. If you would like to organize an operating event for our Club, let me know that. Use of the Club station is limited, so it may be something we can all do from our homes. We're hams ... we're communicators let's do some communicating!

Tom McDermott's Biography *(Cont. from page 1)*

Tom has been honored with the Dayton Technical Excellence Award and the ARRL Technical Achievement Award. In 2006 he was recognized as IEEE Dallas Engineer of the Year.

His major ham projects include TEXNET, TAPR VNA and many others. Tom has published numerous amateur radio articles in Ham Radio Magazine, QEX and the ARRL/TAPR Digital.

Communications Conference. He also authored "*Wireless Digital Communications: Design and Theory*", a textbook published by TAPR in 1995.

In his professional career, Tom has been involved in the design of minicomputers, fiber optic transmission systems, and a phased array optical switch-based MPLS/IP Router.

He was VP/CTO of Alcatel Network Systems, VP of Chiaro Networks and Director at Fujitsu Network Communications when he worked in the Telecom Corridor. In addition, Tom served on the engineering advisory boards of Texas A&M University and UT Dallas, and was VP of the Alliance for Higher Education (previously TAGER).

Tom now resides in Medford, Oregon.

HAM EXAM 101

It may have been a while since you took your ham exams, or it may have been just a few weeks ago. Each month, we'll review one question from each of the pools (Tech, General and Extra) to test your ham knowledge. The correct answers are shown (upside down) elsewhere in this issue of SIGNALS.

- Why should you not set your transmit frequency to be exactly at the edge of an amateur band or sub-band?
 - So that modulation sidebands do not extend beyond the band edge
 - To allow for calibration error in the transmitter frequency display
 - To allow for transmitter frequency drift
 - All of these choices are correct
- Which of the following frequencies is within the General class portion of the 15-meter band?
 - 21300 kHz
 - 24900 kHz
 - 18155 kHz
 - 14250 kHz
- What is digital time-division multiplexing?
 - Two or more signals are arranged to share discrete time slots of a data transmission
 - Two or more signals are quadrature modulated to increase bandwidth efficiency
 - Two or more data streams are assigned to discrete sub-carriers on an FM transmitter
 - Two or more data streams share the same channel by transmitting time of transmission as the sub-carrier

CARC NET REPORT

by Frank KR1ZAN

The CARC Drive Home Net operates every Tuesday evening from 5:30 to 6 p.m. on the CARC Repeater, 441.875 MHz, +5 MHz, PL=131.8 Hz). It operates every Tuesday, except the 4th Tuesday, when we have our regular monthly meeting.

Check-ins have been light, but we're continuing to see if this net will be an effective tool for member and area ham communications. Please join us if only for the log. Our net operates as an informal roundtable on which you may share news of information to other radio amateurs, offer items for buy/trade/sale, ask questions or just rag chew.

CHECK-INS:

AUGUST 18 - [3] KR1ZAN, Frank (NCS); K5MWC, Bill; WB0UNI, Jim.

AUGUST 25 - NO NET (MEMBERSHIP MEETING)

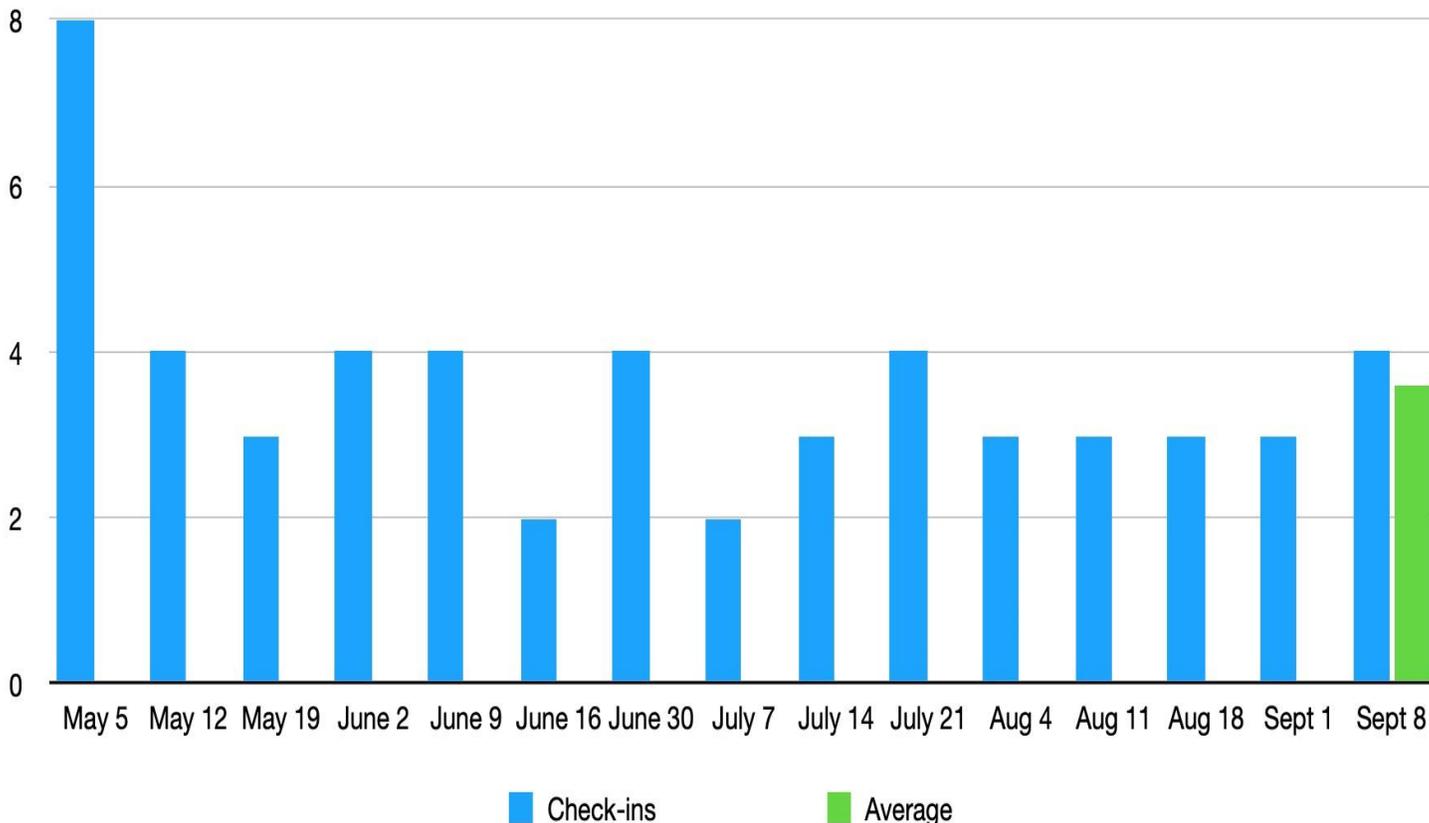
SEPTEMBER 1 - [3] KR1ZAN, Frank (NCS); K5MWC, Bill; WB0UNI, Jim.

SEPTEMBER 8 - [4] KR1ZAN, Frank (NCS); K5MWC, Bill; WB0UNI, Jim; KI5CYA, Mark.



WB0UNI **had been** having some difficulties hitting the repeater with his HT. His new yagi is getting the job done!

CARC DRIVE HOME NET WEEKLY CHECK-INS





Sporadic SIGNALS

...captured by
Frank KRIZAN

Take a look at this world-wide lightning map at www.blitzortung.org K5DHY mentioned this on GARC Info Net Aug. 27th. If you've ever wondered where all that QRN comes from, you'll be amazed to see all the thunderstorm activity around the world.

Dave Jaksa, W0VX, gave us a very interesting and thorough program on DXing for Non-DXers at last month's CARC meeting. One slide in particular caught my eye and I asked Dave for a copy of the content. This applies to not only DXers, but, to every ham, especially those of us who assist with emergency communications —

“Know How to use Your Radio Effectively

Read the User Manual – Several Times

Stay Current on Your Radio

Not Used in a Month?

Read the Manual Again”

How often have you discovered that you don't know how to enter a repeater frequency, set the offset or the PL tone, or use a special feature on your radio. Dave's chart might be good to print out and frame and hang in your shack. Thanks, Dave.

Gary KF5DZQ and the South Texas Hamfest & Electronics Expo Staff has just announced cancellation of the Hamfest:

“Hello to all of our Friends and Fans— Unfortunately, Like so many others, South Texas Hamfest has decided to cancel it's annual Hamfest, (South Texas Hamfest & Electronics Expo).

this year due to the COVID-19 pandemic. Since STH wasn't to be held until October 17th, we were hoping COVID-19 related conditions would have settled to a level that would permit us to have our event. Unfortunately, that can't happen.

“Support for our event, especially during the last couple of years, has been steadily growing. This was not an easy decision for us to make. There were many factors considered, any or all of these would interrupt the quality of the program we could provide. The most important of which is the health and safety of our members, attendees, volunteers, speakers and vendors.

“We can only hope this pandemic will be behind us well before South Texas Hamfest & Electronics Expo for October 16, 2021 arrives. We will be using this time to prepare for a bigger better Hamfest. Thank you for your loyalty to South Texas Hamfest.

“We'll see you then! 73 STHA southtexashamfest@gmail.com “

Got this from a recent ARES/Red Cross bulletin— <https://poweroutage.us/>. It's a very handy map with 'clickable' info that describes, down to the county level, the current power outages in the US. Could be handy for checking up on relatives who live elsewhere.

After trying for a week to work W2V, band and QRN conditions finally improved enough that I got in their log (and mine, as well). W2V was a Special Event Station commemorating the 75th Anniversary of VJ Day, Sept. 2, 1945, when the Japanese surrendered. If you're a World War II buff, take a look at the W2V QRZ.COM page for some very interesting documents and videos.

The NCVET met recently and heard from various FCC staff. From the ARRL Letter of September 10, 2020, we get this important message —

“Dorothy Stifflemire, the Associate Division Chief of the [WTB Technologies Systems and Innovation Division](#), told VECs that new license applicants should create an FCC user account and register their Social Security number (SSN) in the FCC Commission Registration System (CORES) before attending exam sessions. Registrants will be assigned a Federal Registration Number (FRN), which will be used in all license transactions with the FCC.

“She explained that auto-registration in CORES at exam sessions using a Social Security number will be going away. In addition, because no mail is being sent due to the COVID-19 pandemic, applicants will not receive their auto-created password and FRN and will not be able to access the Universal Licensing System (ULS), the FCC license records database. Going forward, she said, VECs should make sure all applicants have an FRN before exam day.”

☑ If you're encouraging friends and family to take their license exams soon, keep this in mind. Help them register for their FRN before they attend any test session. To register with CORES, use the “Register” block at <https://apps.fcc.gov/cores/userLogin.do>

And, speaking of the FCC, comments are being accepted on the Notice of Proposed Rulemaking (NPRM <https://docs.fcc.gov/public/attachments/FCC-20-116A1.pdf>) in MD Docket 20-270, which proposes application fees for radio amateurs. Formal deadlines for comments and reply comments will be determined once the NPRM appears in the *Federal Register*. Comments may be

filed now, however, by using the FCC's Electronic Comment Filing System ([ECFS https://www.fcc.gov/ecfs/filings](https://www.fcc.gov/ecfs/filings)), posting to MD Docket No. 20-270. The current proposal would impose a filing fee of \$50 for all new licenses, upgrades, renewals and vanity applications. Address changes and certain administrative updates would not have a fee.

The Richardson Wireless Klub now has two Foxes in hiding each weekend — generally one on 2M and another on 70cm. In mid-September, a new Fox appeared in McKinney. Who knows? The Fox may be coming to your city soon! Checkout the k5rwk.org web site for more info on the Hunts.

Our ARRL NTX Section Manager included this in his most recent newsletter about TOWER SAFETY:

“Once again I make my plea for safer tower climbing to everyone. If you think free climbing, or climbing with a climbing belt is safe you are only kidding yourself. Every ham radio club should take time out to present a video or two on safe tower climbing. Every amateur radio operator owes it to their family and loved ones and them self to learn the right way to climb and work on towers. By the way climbing belts have not been OSHA approved for many years.

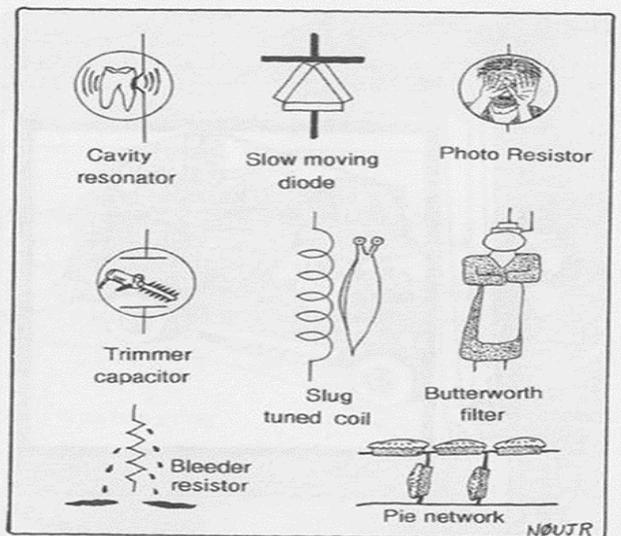
The right gear begins with boots and a climbing harness that has two fall arrest lanyards and a positioning lanyard as well as the knowledge of when it is safe and unsafe to climb. The recent fatality was from only a 50 foot tower!

Here is a link to an Excellent Video https://youtu.be/uJO-L3td_p8 “

Point well taken. Thank you Steve.

Until next month, 73 Frank KR1ZAN

Reprinted with permission from Greg Trook from his book "NØUJR and His Friends"



Little known standard electronic symbols.

Sixty Years for Liz and John

John and Liz McFadden met in July 1960 at church in Odessa, TX. They were married on October 1, 1960 by Preacher J R Caldwell. (Liz's dad).



John had just got out of the army and Liz had just graduated high school. They made their home in Midland, TX for six years. They moved to Dallas in 1966 and John went to work for Collins Radio. Liz worked at Texas Instruments.

They have two sons, 2 granddaughters and 3 great granddaughters.

Liz is K5LIZ and John is K5TIP.

THEY CELEBRATE 60 YEARS of MARRIAGE on OCTOBER 1, 2020.

Mentor Fest 2020 has been Canceled

Normally held the last weekend of April Mentor Fest was rescheduled for October 17 of this year.

As the ARRL North Texas Section Manager, I feel it would be irresponsible for me to continue to endorse a large gathering of people at an indoor event which is what Mentor Fest normally is.

At present time there is only one forum scheduled for the event which is just one month away. This in itself demonstrates to myself and other members of the Section Management Team that discussed this in a tele conference this

past week that cancelling this event is the best course of action.

Everyone in the Teleconference agreed cancelling is the right thing to do.

Our Next Mentor Fest can be bigger and better than ever the new date is April 24, 2021

I am very hopeful that 2021 brings us a much better year!

73 Steve, KG5VK

Upcoming Events

Daily	DFW Early Traffic Net (NTS) at 6:30pm 146.88 – PL 110.9Hz
Daily	DFW Late Traffic Net (NTS) at 10:30pm 146.72 – PL 110.9Hz
Daily	Texas CW Traffic Net at 7:00pm on 3541 KHz and at 10pm on 3541 KHz www.k6jt.com
Tuesdays	Collins ARC Drive Home Net. 441.875 (+5) MHz, PL=131.8 Hz, 5:30-6:00pm (no net 4 th Tuesday.)
1st Wednesday	Richardson Emergency Siren Test. At noon using the Richardson Wireless Klub (RWK) repeater at 147.120 MHz.
2nd Wednesday	ARES North Texas HF Net Every month—3860 KHz at 8:30 pm—9:30pm

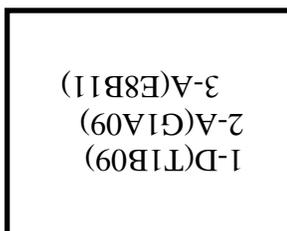
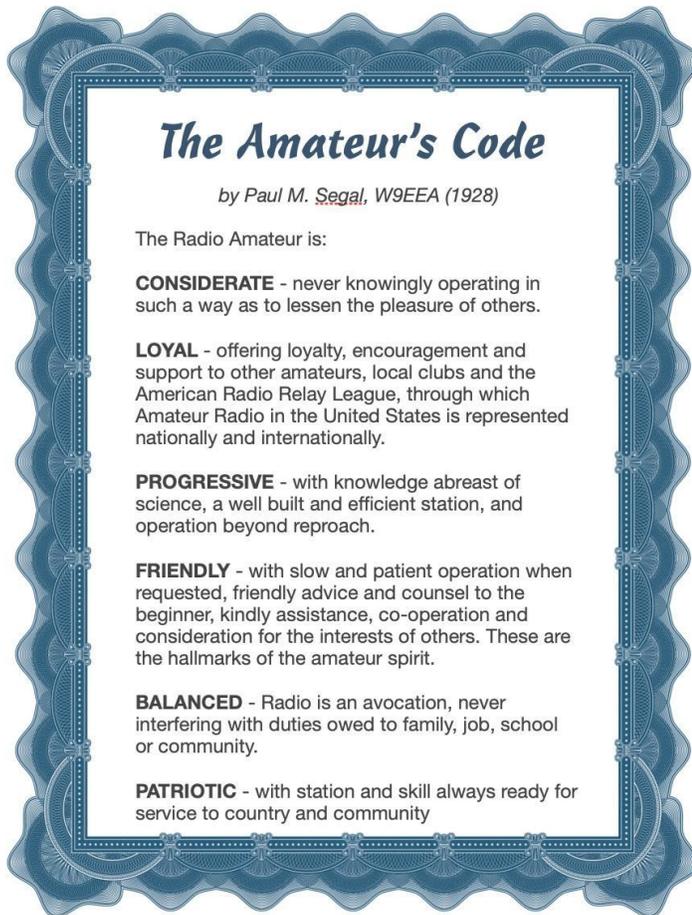
SEPTEMBER

19-20 10 GHz & Up – Round 2. The objective of 10 GHz and Up is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. Details at <http://www.arrl.org/10-ghz-up>.

OCTOBER

10-11 EME - 50 to 1296 MHz—Objective: To work as many amateur stations as possible via the earth-moon-earth path on any authorized amateur frequency above 50 MHz. Full weekend 48-hour period (0000 UTC on Saturday through 2359 UTC Sunday). Details at <http://www.arrl.org/eme-con-test>.

19-23 School Club Roundup—Objective: To exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate.. A station may operate no more than 6 hours in a 24-hour period, and a maximum of 24 hours of the 107 hour event. Details at <http://www.arrl.org/school-club-roundup>





Richardson, Texas

Mail Station 461-290

Richardson, TX 75083-3807

TO:



Richardson, Texas

CLUB STATION

(972) 705-1349

N5CXX REPEATER

441.875 MHz +5 MHz Input

131.8 Hz PL - RX and TX

N5CXX-1 PACKET BBS COL Node

145.05 MHz

N5CXX-N1, NRCXX-N2 & N5CXX-N3 HSMM-MESHNET Nodes 2.4 GHz

Membership Meeting

Tuesday 22 September 2020 **6:45 PM**

NOTE THE TIME CHANGE

THE September 2020 MEETING WILL BE CONDUCTED BY VIDEO CONFERENCE!

NEXT SIGNALS INPUTS DEADLINE:

→→→ 16 October 2020 ←←←