

CARC Membership Meeting

Tuesday 22 October 2019
1700 Social 1730 Meeting
1800 Program

Methodist Richardson Medical Center
At Bush/Renner/Shiloh Intersection
Conference Room B in Hospital Building

Subject:
"Contesting for the Non-Contester"
by Dave Jaksa, WØVX

Local Club News

Meeting Notice

The next meeting will be held Tuesday, 22 October 2019, beginning at 5:30 p.m. in Conference Room B at the Methodist Richardson Medical Center, 2831 E President George Bush Hwy, Richardson, TX 75082 (intersection of George Bush and Renner Rd). Socializing begins at 5 p.m.

Our program for 22 October will be "Contesting for the Non-Contester" presented by Dave Jaksa, WØVX.

(See Contesting for Non-Contesters on page 3)

Club Station Updates

Much has been achieved in updating the club station following the receipt of the new call sign. The club has received its official signed copy of the N5CXX FCC license. A copy has been posted in the CARC N5CXX radio station. A photo is included in this article. *(Continued on page 4)*

CARC Community Service Activities

Siren Testing Dennis Cobb WA8ZBT, John McFadden K5TIP and Jim Skinner WB0UNI participate in the Richardson emergency siren testing. The October test was performed on 2 October. Once again, many of the sirens had one or more malfunctions, with several totally failing. The sirens are monitored by amateur radio operators and re-

ports 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 participated 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.

CARC Christmas Dinner Announced

It's that time of year for families, friends, and, of course, the CARC Christmas Dinner. The membership voted last month to return to Aboca's Italian Grill, 100 S. Central Expwy, Suite 63, in Richardson (southwest quadrant of Central Expressway & Beltline Road). *(Continued on page 4)*



Help Expand Our VE Team

by Frank Krizan, KR1ZAN

In the Spring of 2019, Kerry Weeks, K5WKS, saw a need for amateur radio license testing within the Collins Amateur Radio Club and created the CARC VE Team consisting of Daryl Morgeson, AF5QJ, Frank Krizan, KR1ZAN, and Kerry. *(Continued on page 4)*

2019 ARRL West Gulf Division Ballot Process

The paper ballots for the election of the ARRL West Gulf Division Director were mailed on September 30, 2019 by third-class mail. *(Continued on page 5)*

To All West Gulf Division Traffic Handlers

By Steve Phillips K6JT, TEX Newsletter Editor, RRI Central Area board member and Statistician, ARRL Life Member

I had intended to put this in the TEXAN newsletter, but it will not be ready for another week or so. Because I see ballots have been mailed, I decided that it needed to go out now.

This is difficult for me to write because I normally do not wish to delve into politics, even those having to do with amateur radio. But I am inspired to do so because of what I see taking place with the ARRL Board of Directors and the ARRL current position on digital operations (which is reasonable). *(Continued on page 5)*

CARC OFFICERS			
PRESIDENT Gene Duprey 319.270.8159 geneduprey2015@gmail.com	K1GD	VICE-PRESIDENT AVAILABLE	
SECRETARY Jim Brown 972.495.2209 jhksbrown@verizon.net	AF5MA	TREASURER Rohan Thomas 972.697.3512 Rohan7066@yahoo.com	KG5RCN
ACTIVITIES Frank Krizan 214-563-6679 kr1zan@arrl.net	KR1ZAN	WEBSITE MANAGER Mike Hollingsworth 972.571.6060 w5qh@arrl.net	W5QH
STATION TRUSTEE Bob Kirby 319.360.0500 k3nt@arrl.net	K3NT	NEWSLETTER EDITOR Jim Skinner 214.535.5264 wb0uni@arrl.net	WB0UNI
MEMBERSHIP Bill Swan 972-529-3906 bill@swanshome.net	K5MWC	N5CXX CLUB STATION 972.705.1349 461-290	

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.

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.

SIGNALS is the monthly newsletter of the Collins Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyright © 2019 by the Collins Amateur Radio Club. Permission is hereby granted to any not-for-profit amateur radio publication to reprint any portion of this newsletter provided both the author and Collins Amateur Radio Club are credited.

President and VP Messages

Here we are at the beginning of Fall! No more 95+ temps and it's time to prepare our stations for the Winter season. Time to get out there and make repairs to the antennas, etc. It's also time to think about electing club officers for the coming year. I've hit the limit and then some for being President, so we need new leadership.

We now have cleared up all the problems with the club's license. Thanks to Bob, K3NT for his hard work getting that cleared up. It would be interesting to find out how we got tied to the company's communication licenses, but we probably will never know. We are in the process of getting the repeater updated with the new call, so that should be updated soon.

This month's program is by Dave Jaksa, W0VX, who will talk about DXing, which should be a really interesting program. So I hope to see everyone at the meeting for this program.

73's,
Gene, K1GD
CARC President

Secretary's Report

24 Sep 2019

President Gene Duprey K1GD called the meeting to order at 1727.

The following were present at the meeting:

Jim Brown	AF5MA
Gene Duprey	K1GD
Dave Jaksa	W0VX
Frank Krizan	KR1ZAN
John McFadden	K5TIP
Daryl Morgeson	AF5QJ
Mike Schmit	WA9WCC
Jim Skinner	WB0UNI
Bill Swan	K5MWC
Mark Wells	K9MDI
Kerry Weeks	K5WKS
Joe Wolf	N5UIC

Officers and Committee Reports:

The Secretary's Report is contained in this newsletter. The report by the Activities Chairman was presented and is summarized herein. The Treasurer's Report was presented.

Old Business:

Per Gene Duprey K1GD the application for and approval of the new club callsign, N5CXX, is complete.

The Bengali keyer has been purchased and engraved with the new callsign. Bob Kirby K3NT has been reimbursed.

Jim Brown AF5MA presented two candidate artworks for new club shirts using the N5CXX callsign. He requested suggestions for other alternates. No action was taken.

New Business:

Joe Wolf N5UIC suggested an article for the newsletter on local parts sources, since some previously-reliable sources are going out of business.

Frank Krizan KR1ZAN, Activities Chairman, reviewed the schedule for upcoming programs.

October: Dave Jaksa W0VX, "Contesting for Non-Contesters"

November: Election of officers and annual report from the officers

December: Christmas dinner at Aboca's at 5 pm on Tuesday, December 10 (reservations completed after meeting)

January: Installation of officers, "Show 'n Tell"

February, March and April: Speaker confirmations in process

May: Planning for Field Day and the Collins Aerospace Fun Day

Frank also noted that he and Mike Hollingsworth W5QH are implementing a Mailman email discussion tool for the club via QTH.net; details to follow.

Frank reported that one-day tech classes have been delayed, but will resume in January on a quarterly basis.

VE test sessions continue monthly following club meetings. Kerry Weeks K5WKS reported good response to sessions so far, with significant participation by younger applicants from as far away as Tyler. Thus far, all but two have passed on the first try.

Adjournment:

The meeting was adjourned at 1758, followed by a program by Bill Swan K5MWC on the Military Auxiliary Radio System (MARS).

Contesting for the Non-Contester

presented by Dave Jaksa, W0VX

Whether you are a seasoned contester with dozens of first place awards or just want to learn a bit about the sport of contesting, the October program will be of interest. The presentation starts with the basics of exactly what a contest is and why we do it. The minimum needed to get started and participate is discussed. The program progresses to discuss a more serious effort including some advanced tools, tips, and techniques to get a winning score. Come to the October 22nd meeting and discover if contesting is a facet of ham radio that you want to try.

Dave Jaksa, W0VX, was first licensed as a Novice while in high school in suburban Chicago in early 1962. Two months later he upgraded to General and began chasing DX and contesting. In 1968, when Incentive Licensing became effective, he upgraded to Extra Class.



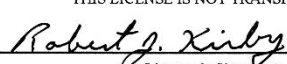
After finishing college in 1968 he took a job with Collins Radio in Cedar Rapids, Iowa. With the move from W9 land to Iowa the FCC gave him a new zero district call, WA0V DX. In 1976 he dropped a couple of letters to get his current call, W0VX, which he has kept as Collins moved him to California in the mid 80's and to Texas in 1988.

From the beginning of his Ham Radio "career" Dave has been an active DXer and Contester. He was the co-founder of the Eastern Iowa DX Association in 1975 and served several terms as president of that organization. In Texas Dave served several terms as president of the Lone Star DX Association and is a past president of the Collins ARC. He is on the Mixed, CW, and Phone DXCC Honor Rolls with

359 Countries confirmed. He holds the 9 Band DXCC, WAZ, and 5 Band WAS awards.

Dave holds a BSEE degree from Rose Polytechnic Institute and an MBA degree from the University of Iowa. He is now retired after 31 years with Collins and lives in Garland with his XYL Judi, WØJJ. They have 3 married daughters and 6 grandchildren. Dave is currently very active on 160 through 6 meters.

Club Station Updates (Continued from page 1)

 UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION 			
AMATEUR RADIO LICENSE N5CXX			
ATTN: ROBERT J KIRBY COLLINS AMATEUR RADIO CLUB 1609 THROWBRIDGE LN PLANO, TX 75023-7476			
FCC Registration Number (FRN): 0005109103			
Special Conditions / Endorsements			
NONE			
Grant Date	Effective Date	Print Date	Expiration Date
08-30-2019	10-04-2019	10-05-2019	08-30-2029
File Number	Operator Privileges		Station Privileges
0008825091			CLUB
THIS LICENSE IS NOT TRANSFERABLE  (Licensee's Signature)			
FCC 660 - May 2007			

The CARC N5CXX QRZ.com page has been updated to reflect the changes. W7CXX has been added to the CARC station list.

Mid-September, N5CXX-1 packet BBS station underwent preventive maintenance, was reprogrammed, and is now on the air and active passing NTX traffic as required. Steve, K6JT will have additional information for SIGNALS in the coming months.

The CARC repeater and ARDEN nodes callsign change to N5CXX are currently being worked by Dennis WA8ZBT. I was copied on this morning's status update that Dennis sent to Frank Krizan KR1ZAN.

CARC's old Vanity call of W5ROK now has over 11,500 LoTW (Log Book of the World) QSO entries, with many confirmations in ARRL LoTW.

A special thanks to ARRL LoTW manager for helping CARC get this working. Also, special thanks to Dennis WA8ZBT for working many of those QSO and providing historic electronic data logs. Without his effort, many worldwide armatures would not have LoTW confirmation for W5ROK. We continue to add W5ROK LoTW QSO's as time permits.

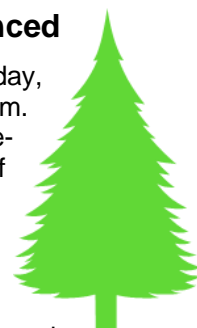
A new LoTW certificate for CARC N5CXX is being worked by myself and the ARRL LoTW management. CARC N5CXX LoTW will be active by the end of October.

The CARC N5CXX.org website has been updated, showing the N5CXX-1 Packet BBS station information.

(Contributed by Bob Kirby K3NT, CARC N5CXX Station Trustee)

CARC Christmas Dinner Announced

Our dinner party will take place on Tuesday, December 10th, from 5:30 p.m. to 8:30 p.m. Based on inputs from Club members, everyone attending will have their choice of items off the regular menu instead of a prescribed banquet menu. Whatever you're willing to pay for, you may order.



This is a great opportunity to get together with fellow members, their spouses, family and special friends in a casual setting to enjoy some wonderful food and fellowship. No formal meeting or program is planned for this event — just good food and conversation.

If you'd like to get an advanced look at Aboca's menu, check out their website at www.abo-cas.com, and, if you'd like to get there a little earlier, we have reservations beginning at 5 p.m.

We need to know who's coming so we can let the restaurant know how many tables to reserve. Please send an email with names & call signs of who's attending, your email address and a telephone number. No advance money is required, but, if you find you can't make it, please let me know. Send your email to KR1ZAN@arrl.net. Cancellations to the same address; but, if you must cancel within 48 hours, send me a text or call 214-563-6679.

Dress is casual. Seasonal attire is encouraged. After all, Santa is watching! (Editors note; the restaurant sells wine or you may BYOB—beer and wine only)

(Contributed by Frank Krizan KR1ZAN)

Help Expand Our VE Team (Continued from page 1)

The CARC VE Team has been providing ARRL Volunteer Examiner Test Sessions monthly following the regular CARC membership meeting. The Team has been fortunate

to have had sufficient (3 are needed) VEs each month. On occasion, we've had to scramble to ensure we have enough VEs. Plus, we anticipate additional needs on weekends for exams following licensing classes.

This is an appeal to CARC Club members to become a Volunteer Examiner. We prefer Amateur Extra Class licensees, but can utilize General Class licensees for Technician exams. The CARC VE Team is associated with the ARRL VEC (Volunteer Examiner Coordinator). Becoming an ARRL VE is relatively simple: 1) Download the ARRL VE Manual; 2) Complete a VE Application; 3) Complete an 'open-book' review; and, 4) mail/email/fax the application and review to the ARRL VEC. In a short time, you'll receive your VE certificate and badge.

With a sufficient number of VEs on our Team, we hope to be able to rotate duties among the VEs and allow for back-ups due to illness, vacations and other commitments. If you'd like to discuss this further, contact Kerry Weeks, K5WKS, at weeks.kerry@gmail.com or by phone at (214) 478-3230. Complete details, along with the application and VE Manual, are available at <http://www.arrl.org/become-an-arrl-ve> and at <http://www.arrl.org/volunteer-examiners>.

2019 ARRL West Gulf Division Ballot Process (Continued from page 1)

The envelope containing your ballot should arrive within the next 3-5 days. Along with the paper ballot will be a self-addressed ballot return envelope. Your marked ballot MUST be returned in the enclosed self-addressed ballot return envelope. If it is not, your ballot will not be counted, even if it is received. The purpose of requiring the use of the provided self-addressed ballot return envelope is to maintain election security.

There is no online voting. Voting may only occur by use of the paper ballot provided.

If you, or a family member, have not received your ballot by the close of business on October 14, 2019, please send two separate emails stating you have not received your ballot and requesting that a ballot be sent to you, to: (1) Dan Henderson at n1nd@arrl.org; and (2) Lee Cooper, W5LHC01@gmail.com. Sending two emails acts as a cross-check to ensure the ARRL has received notice that you did not receive a ballot and that you are requesting a ballot.

All ballots, in the provided self-addressed ballot return envelopes MUST be RECEIVED on or before noon, November 15, 2019. Please allow sufficient time before November 15, 2019 for your ballot to be received. All late ballots will not be counted.

Voting is a right unique to free men and women. Please exercise your right, and vote for the candidate of your choice in the ARRL West Gulf Division Director Election.

If you have questions regarding the voting process, please contact Dan Henderson, N1ND, at ARRL HQ, 1-860-594-0200 or at n1nd@arrl.org.

John Robert Stratton
N5AUS
ARRL West Gulf Division Director

To All West Gulf Division Traffic Handlers (Continued from page 1)

In the last several months, many of the "old guard" division directors on the ARRL Board have been replaced with candidates dedicated to more transparent dealings and support of the membership. Many of those responsible for the demise of NTS have been replaced. This has led to a margin of 8 to 7 in voting on key issues important to us as traffic handlers.

Now a new, well financed, cabal of DX'ers and Contesters, in conjunction with the anti-digital proponents led by Theodore Rappaport of NYU, is attempting to change that balance to their favor in order to kill any ARRL attempts to protect digital operations, particularly Winlink, but as a side effect the Digital Traffic Network of RRI. Yes, I know this sounds like a conspiracy theory, but I assure you it is very true from evidence available to those who know where to look for it.

One of their targets is the current director of the West Gulf Division, John, N5AUS, who as most of you know supports traffic operations and was elected as vice director 3 times in the past, taking over from David, K5RAV, upon his retirement.

The well-funded group, intent on taking over control of the ARRL board to assure their anti-digital (and anti-traffic in the process) efforts will not be opposed by the League, have produced a candidate to oppose N5AUS and have spent a lot of money sending out both email and print advertisements for their candidate, making misleading claims against John in the process.

You can assess the two candidates from a recorded interview on YouTube, available at

<https://www.youtube.com/watch?v=R7c7vUXwOTY>.

John starts about 17 minutes in, and his opponent starts about 31 minutes in. A question and answer session begins about 38 minutes in, which is useful to assess the relative positions of the candidates.

If you have any doubts, please take a look at some of the video (which is over 2 hours long, so a selective view at the points listed above is a good compromise for busy folks).

I urge all ARRL Members in the West Gulf Division to think carefully about this and vote for the candidate who knows

about and supports traffic operations with extensive experience in division operations.

Should the opponent of N5AUS be successful, the ARRL Board composition will shift to 8 old-line directors and only 7 directors dedicated to transparency. I assure you that will NOT be favorable to the majority of West Gulf Division ARRL Members.



Sporadic SIGNALS ...

captured by Frank KR1ZAN

Here's an interesting tidbit about "hams in space" which appeared in the Sept. 22nd editor of AMSAT News:

"Hackaday has published an interesting story about some of the political, scientific and engineering facets of the proposed Lunar Gateway and about the challenges of working Amateur Radio on board that mission. Read the full article at <https://tinyurl.com/ANS-265-Lunar-Gateway>."

posed **Lunar Gateway** and about the challenges of working Amateur Radio on board that mission. Read the full article at <https://tinyurl.com/ANS-265-Lunar-Gateway>."

Greg Evans, K5GTX, the ARRL NTX SEC recapped the busy storm season we had this summer in a recent email. Here's his punch line:

"It is not too late to prepare yourself now. Check your **120 hours go kit** (now the recommended go kit). Check medications (prescription and over the counter); verify they have not expired if you still need them and update your documentation. Check batteries, connectors, parts, radios, everything. Stuff tends to break down when it sits around. And start the change over from the summer clothing to winter clothing. Cold weather can be almost as deadly as hot weather. **Be prepared!**"

There's a number of very **good resources** for developing your own **skills and GO-KIT** in several online publications, notably:

ARES® EMERGENCY COMMUNICATOR INDIVIDUAL TASK BOOK

<http://www.arrlntx.org/files/NTX-ARES-TRAINING-TASK-BOOK-v1.2.1.pdf>

ARRL GO-KIT CHECKLIST

<https://ema.arrl.org/wp-content/uploads/2018/03/Go-Kit-Checklist.pdf>

ARRL ARES FIELD RESOURCES MANUAL

http://www.arrl.org/files/file/ARES_FR_Manual.pdf

From Space weather.com comes word ...

A SUMMER WITHOUT SUNSPOTS: The sun is undergoing a remarkable period of **spotlessness**. During northern

summer 2019, the face of the sun was blank (no sunspots) more than 89% of the time. This marks it as one of the **deepest Solar Minima in a century**.

Interestingly, the summer of 2019 also brought us a sign that **Solar Minimum is coming to an end**. One of the numbered sunspots that briefly appeared on July 7th had a reversed magnetic polarity. According to [Hale's Law](#), sunspots switch polarities from one solar cycle to the next. This small summertime sunspot was +/- instead of the usual -/+, marking it as a member of the next solar cycle, [Solar Cycle 25](#). Solar Minimum won't last forever!

Solar cycles always mix together at their boundaries. We can expect to see more new-cycle sunspots in the months and years ahead as Solar Cycle 25 slowly comes to life. If forecasters are correct, [the next Solar Maximum will be in full swing by 2023](#).

The **RWK** had some major issues with their old web host and has had to rebuild their site. They're now using a Word-Press site and it looks very nice. Some of the old and lots of new. Check out www.k5rwk.org

From **Kevin KF5FUZ, American Red Cross Disaster Services Technology / IT TX**

"This is a great time to:

1. Clean and test your furnace during the day. 2am is the wrong time to discover a problem.
2. Check your smoke alarms are working
3. Review your fire safety and evacuation plan.
4. Make sure your space heaters have space - 3' of protected space

... More info at RedCross.org"

Last month, SIGNALS included an item from the ARRL ARES E-Letter which highlighted some thoughts about emergency communications in the early days of amateur radio as written in the **Clinton DeSoto book, "200 Meters & Down"**. I decided to get the book and find it a fascinating read. In the first chapter, there's some comments about the demographics of the typical ham in the 1930s. The **typical ham of 1936** is identified as a young man 25 years of age (although the age range is 8 to 80), holds an FCC Class B license, station is homemade and has a value of around \$100. His antenna is most likely a 130 foot wire 60 feet up. He is a high-school graduate, employed in a technical trade and well liked in his community. "He is somewhat lax in fulfilling his social obligations."

The book goes on to identify the full range of people interested in amateur radio. **Sounds similar to hams of today**, but, the demographic numbers are probably different. The age range is about the same with the top end going toward the century mark. The "average" age today is believed to be around 55, and, investments for equipment are now

ranging annually between \$1600 and \$3800 based on a recent survey, "State of the Hobby" (<http://www.radiosoth.org>).

The **World Wide Radio Operators Foundation** has announced future **Webinars** on their website: <https://wwrof.org/webinars/> Their seminars cover a wide range of operating activities and are generally offered one per month. Our program this month is about contesting, and, you'll find numerous webinars on related subjects.

Another great source of information about **contesting** is from the **Contest University** site, held annually at Dayton (during **Hamvention**). If you can make CU, you'll find it to be a valuable and stimulating experience. But, if you can't, you'll find most of the slide-decks and video presentations on their website at <https://www.contestuniversity.com>

SCS, the company that created **PACTOR**, has **unveiled software** that offers the ability to monitor the content of PACTOR 1, 2, and 3 transmissions over the air. The **free PMON software** runs under the Linux operating system. A software version to monitor PACTOR 4 is scheduled to become available next year. More info at <http://www.arrl.org/news/pactor-developer-scs-announces-monitoring-software>

Lots of folks have been asking about the **Club's various repeaters** (70cm FM voice, HSMM nodes and Packet digipeater). **Dennis Cobb, WA8ZBT**, reports that he and several others are working on changing the call sign from **W5ROK to N5CXX**. The difficulties in making the changes are hampered by lack of personal time. **Please be patient.**

Young Ladies Radio League (YLRL)

2019 is the 80th year of the YLRL organization. The longest running YL club in the world. Five Hundred (500+) YLs cannot be wrong.

YLRL is an organization for women with amateur radio licenses and like radio itself, extends to women all over the world. On this website you can learn about the organization, acknowledge our fore-mothers, purchase items to show your pride and connection, find out the latest information about contests and special events, and stay updated on happenings with our members.

Any questions? Our knowledgeable past president Lois WB3EFQ, has agreed to field and direct queries or you can ask any officer and we will get back to you. You may send Lois an email at wb3efq@atlanticbb.net.

Here is a link to YLRL <https://ylrl.org/wp/>.

For information about joining the YLRL:

<https://ylrl.org/wp/join-ylrl/>.

(Editor's note: CARC currently has three YL licensed members and many spouse YL members. YL's are very important to our radio club and we encourage them to participate in our activities.

(Contributed by Bob Kirby K3NT)

ARRL Foundation Scholarships

The ARRL Foundation Scholarships application period has opened for 2020-2021

The ARRL Foundation has announced it is accepting scholarship applications between September 1, 2019 and December 31, 2019 for the academic year 2020-2021.

If you know a deserving Amateur, please urge them to apply. For details of the program, please see:

<http://www.arrl.org/news/arrl-foundation-scholarship-program-is-now-accepting-applications>.

(Contributed by Bob Kirby K3NT)

FT8-Digital-Mode QRP Guys DSB Digital Transceiver

The following was received from QRP Guys:

We are pleased to offer the QRPGuys DSB Digital Transceiver kit. It includes three easily changed FT8 band modules for 40/30/20m. The kit uses all thru-hole components. Price is \$40. We are also offering bare band module pcb's for those wanting to experiment with different bands and modes, 4 for \$10. Come by and see it at <https://qrpguys.com/digital-transceiver>. ken - wa4mnt at www.qrpguys.com.

Good Looking kit at a great price of \$40. Just ordered one. 73, Bob Kirby K3NT

Discount Electronics

I received this from a ham radio friend and I am passing it along. It's an interesting site with great prices. We all need to watch our coins of the realm. Note: It includes Apple and parts. My friend stated the following:

"I've been buying reconditioned computers from Discount Electronics, <https://discountelectronics.com/used-computers/>. You can get a very capable machine for a couple of hundred dollars. Comes with a warranty and valid OS."

(Contributed by Bob Kirby K3NT)

The Fall 2019 West Gulf Division SET is on November 9, 2019, from 8:00 AM to 4:00 PM

Scenario: An unusually cold and powerful Arctic Air Mass has descended deep into South Texas. This storm has produced blizzard conditions in Oklahoma, North, and West

Texas, ice accumulation in Central Texas, and heavy rains into the Rio Grande Valley. The combined effects of the storm system have resulted in widespread power outages throughout the Region. Local Shelters are open throughout the region.

Objectives: The primary objective of the SET (Simulated Emergency Training) will be to assess the ability of the Amateur Radio Service (ARS) throughout the Division to respond to a major event and exchange supporting information throughout the Division. Information about the status of the local infrastructure and local weather will be gathered and consolidated from counties and forwarded to the Districts, Sections and Division levels. Region 6 Army MARS will assist in gathering information as well.

Secondary Objectives are at the discretion of ECs and DECs. The secondary objectives can include assessing the ability to stage deployable ARO resources and assessing the ability to gather, consolidate, and report Critical Infrastructure Assessment.

Additional information will be promulgated soon.

73, Greg Evans, K5GTX, ARRL NTX SEC, ARRL NTX ASM

ARRL North Texas Section

Section Manager: Steven Lott Smith, KG5VK

kg5vk@arrl.org.

62nd JOTA: October 18-20, 2019

Jamboree on the Air provides the opportunity for millions of Scouts around the world to meet on the air via Amateur Radio. Get ready for the 62nd annual on-the-air event!



Jamboree-on-the-Air is held the third weekend in October. A change in policy from previous years, there is no set time for the start or end. Since it isn't a contest, there's no designating starting point. When your station is ready to go, get on the air and make contacts. You'll have the whole weekend! Details at <http://www.arrl.org/jamboree-on-the-air-jota>.

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
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
OCTOBER	
19-20	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-contest .
21-25	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
NOVEMBER	
2-4	Nov. Sweepstakes – CW --For stations in the United States and Canada (including territories and possessions) to exchange QSO November-SweepstakesLogo.jpg information with as many other US and Canadian stations as possible on 160, 80, 40, 20, 15 and 10 meter bands. 2100 UTC Saturday through 0259 UTC Monday. Details at http://www.arrl.org/sweepstakes .
16-17	EME - 50 to 1296 MHz —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-contest .
16-18	Nov. Sweepstakes – Phone --For stations in the United States and Canada (including territories and possessions) to exchange QSO November-SweepstakesLogo.jpg information with as many other US and Canadian stations as possible on 160, 80, 40, 20, 15 and 10 meter bands 2100 UTC Saturday through 0259 UTC Monday. Details at http://www.arrl.org/sweepstakes .



Richardson, Texas

Mail Station 461-290

P.O. Box 833807

Richardson, TX 75083-3807

TO:



Richardson, Texas

CLUB STATIONS
 (972) 705-1349

N5CXX REPEATER
 441.875 MHz +5 MHz Input
 131.8 Hz PL - RX and TX

N5CXX-1 PACKET BBS ROK Node
 145.05 MHz

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

Tuesday 22 October 2019
 1700 Social 1730 Meeting

Methodist Richardson Medical Ctr
At Bush/Renner/Shiloh Intersection
Conference Room B in Hospital Building

NEXT SIGNALS INPUTS DEADLINE:
→→→ 15 November 2019 ←←←