



COMMUNICATOR

August 2019

Arlington Amateur Radio Club • P.O. Box 1702, Arlington TX 76004-1702 • K5SLD.org

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Club Meetings

Meetings are held the third Friday of each month in the Human Services building located at:

501 W. Sanford in central Arlington at 7:30 p.m.

Members generally begin arriving at 7:00 pm.

The executive board meeting is held prior to the general member meeting at starting at 6:30 pm. All members are welcome to attend the executive board meeting.

President's Corner

Greetings all!

Well, summer is finally here. I was hoping to skip this part, but, let's face it! It's HOT!! One good thing is, it's the perfect weather for ice cream!

Fall and its flurry of activity will be upon us soon, so let's enjoy a nice visit with our fellow hams over a tasty treat. We will have our usual membership meeting while we enjoy ice cream and non dairy desserts and continue with a fabulous slideshow of the year's activities compiled by Phil N5PWW. This Friday please meet up in the big meeting room at the back of the building where we have our Field Day dinner. There is a kitchen where we can serve all the ice cream, desserts and drinks everyone is bringing.

We will keep the business part of the meeting short and "sweet," as we look forward to JOTA, some soldering practice, and maybe a fall fox hunt. This is also a great time to show off some of your accomplishments or an unusual hamfest find for an informal show and tell.

So come one and all, bring a friend and a favorite flavor of ice cream, or a delicious topping, dessert or drink, and we'll see you this Friday at 7:30.

73
Virginia NV5F

K5SLD Repeaters

147.14+ PL 110.9

224.8- PL 110.9

444.2+ PL 100.0

Announcements

August Program

Ice Cream !!! Bring your favorite flavor of ice cream, or a delicious topping, dessert or drink and join in the fun. Kathleen, KG5CVO and Trey, AF5XS will be making liquid nitrogen ice cream on site.

Current Events

A little about Field Day

Our claimed score is 2670 pending verification of our documentation.

Bonus	Points	Status
100% emergency power	300	
Media publicity	100	Pending documentation
Public location	100	
Public information table	100	Pending documentation
Formal message to ARRL SM/SEC	100	Pending documentation
W1AW Field Day message	100	Pending documentation
Youth participation (2 x 20, max of 100)	40	
Safety officer	100	Pending documentation
Social media	100	
Satellite QSO	100	
Entry submitted via web	50	

Total bonus points **1,190**

Score Summary - Pending Cabrillo log/dupe sheet

	CW	Digital	Phone	Total	
Total QSOs	160	131	158		
Total Points	320	262	158	740	Claimed Score = (QSO points x power mult) = 1,480

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
Band	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m						
40m			30	150	23	150
20m	124	150	60	150	134	150
15m	6	150	39	150		
10m			9	150		
6m						
2m						
222						
432						
Other						

Satellite		1	5
GOTA		23	150
Total 160	131	158	

GOTA Station: No GOTA Coach

Name	Call	QSOs	Bonus Points
Andy Kapushoc	KB2VQA	2	0
John Gautlier	(NONE)	2	0
Peny Brown	KA5KIY	1	0
Gail Hoover	KG5ZER	2	0
Paul Frohlich	KI5DNG	1	0
Sonny Ray	K5WDR	1	0
Maalik Meneimnen	KI5CMF	14	0

Our claimed score is 2670 pending verification of our documentation.
Rob

Some Simple Satellite Adventures

Virginia Smith NV5F

This spring the Arlington ARC had Tom Schuessler N5HYP come and talk to us about the basics of making amateur satellite contacts. On that evening the conditions weren't terribly favorable for doing a practical demonstration of a beginner level satellite QSO, however Tom made a compelling presentation which drew several members closer to the world of amateur radio satellites. In the meantime I have done some more work on my own, as my own level of experience is little more than scratch beginner, and in the past couple weeks things have come together more than ever before. Contained here are a few tips and some of my own story to inspire you aspiring satellite operators. There may even be a little something to pique the interest of those who might have otherwise thought satellite operation is too technical, complicated or expensive.

I first saw amateur satellite communication in all its glory at Dayton Hamvention in 2017 at the AMSAT demonstration tent. I went right away to the AMSAT booth where I was signed up for membership by Joe Spier K6WAO, then the educational director of AMSAT, now president of AMSAT North America. When Joe put a one kilogram 10 x 10 x 10 cm cubesat in my hand, I was hooked!



Me holding a cubesat model at Hamvention 2017

Later that year I built a 2 meter/440 cheap LEO (low earth orbit) satellite Yagi designed by Kent Britain WA5VJB of DFW. Building the antenna was sort of a dry run for a possible club building project. It turned out to be fairly involved due to the very specific measurements needed, lots of cutting and drilling, not to mention the construction of a small matching network to run both sides of the antenna in full duplex mode. That's not to say that we could not build these as a club, however there would definitely need to be some preemptive kitting of the parts and cutting of antenna elements before the event in order to save time. I learned a lot constructing the antenna, including how tight the specs on the matching network need to be in order to get good SWR and power out, but all in all, it went well. This little homebrew gem works well as a directional antenna for any type of 2 meter or 440 contacts. It performed wonderfully with my Yaesu FT2DR on local repeaters.

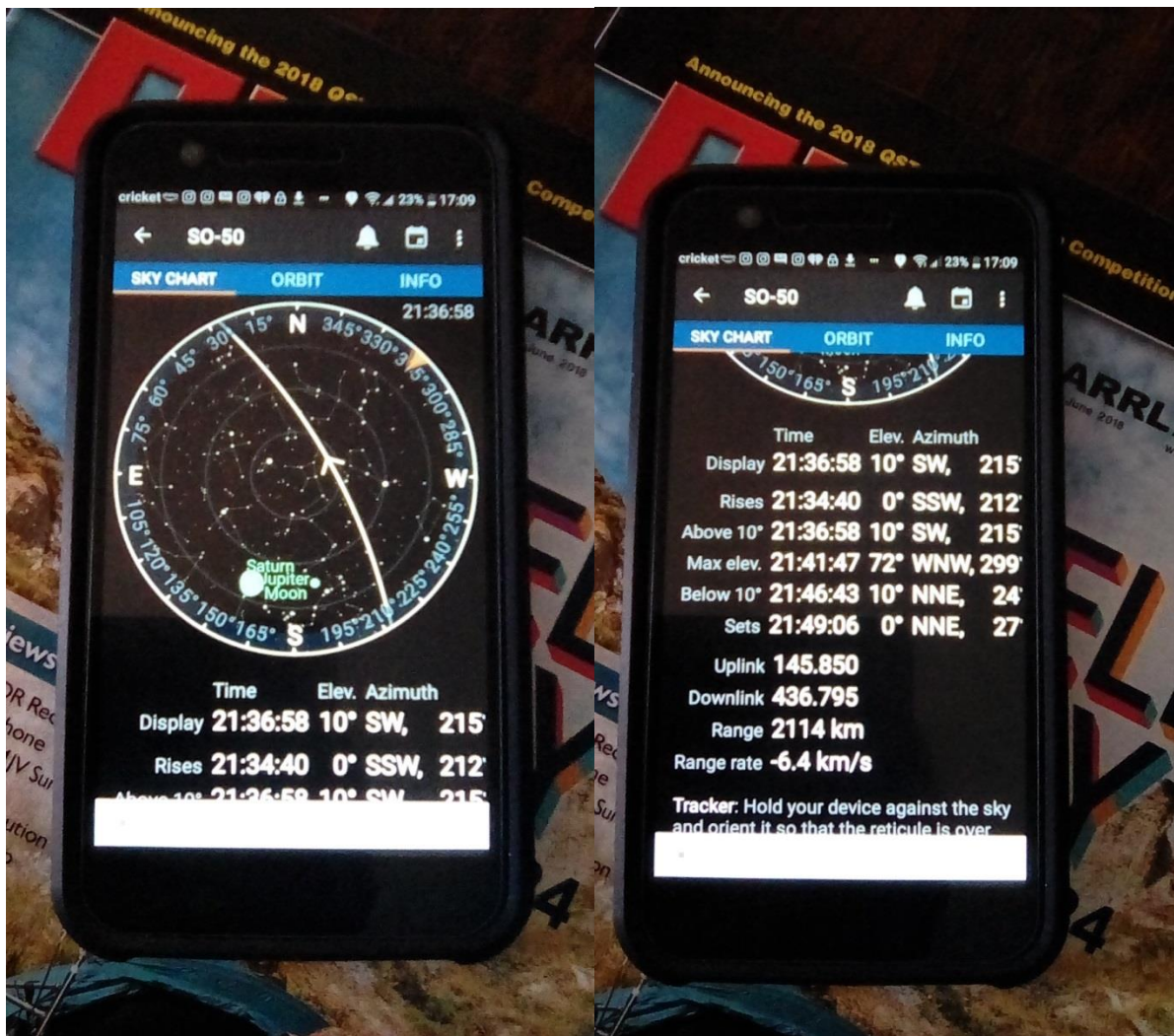


My WA5VJB - minus matching network - and two HT setup

My little satellite antenna laid around for about a year, mostly unused, until after Dayton 2018, at which point I decided it was high time I give satellites a genuine effort. I was further inspired by talking to the folks manning the AMSAT booth at Hamcom, as well as our first club Field Day satellite contact a couple weeks later, completed by Trey AF5XS and company. QST had also published an excellent article that spring with tips for operating the easy FM satellites for Field Day. I read it along with the first few chapters of *Getting Started With Amateur Satellites*, published annually, with appropriate updates, by AMSAT. I highly recommend this well written introductory volume.

I spent last summer talking with new friends on the local AMSAT net (hosted on the Arlington ARC 2 meter repeater every Wednesday night at 9:00 pm) and trying for my first contact. I tried and tried, armed with a clock, my smart phone, and notepads with little tables of times and frequencies written out by hand. There I was in the late June and early July heat (Anyone remember last summer?) trying various methods and combinations of handheld radios and antennas. Between my two HTs and the homebrew Yagi and a satellite receive antenna, which I had won in Dayton in 2017, there were a few clunky attempts at duplex operation, which uses two radios to allow the operator to hear himself on the satellite downlink frequency while transmitting on the uplink.

The larger result of all these attempts was copious hand tracking practice, which is not nearly as hard as it seems. Just hearing a satellite that you are tracking for the first time is an experience and an accomplishment in itself! I still get pretty jazzed when I first hear the downlink frequency crackle to life. There are several apps and websites with current satellite tracking data, my favorite of which is Heavens Above for Android OS. One does not need to know a whole lot about the minutia of orbits and intervals and Doppler shift to track a satellite. Heavens above shows an analog map of the sky with the satellite path drawn across it. Below the sky chart are listed the times of AOS (acquisition of signal), highest elevation, and LOS (loss of signal) plus up and downlink frequencies. I find all I need is general azimuth where the satellite rises and sets and about where highest elevation occurs. Believe it or not, if your antenna is pointed anywhere close to the right place at the right time, you'll hear something! I can hand track a 10 to 12 minute pass without fatigue, but if this is a problem, a tripod can be rigged up to support and steer the antenna.



Heavens Above app sky chart for a typical satellite pass

Satellite pass data in Heavens Above

In addition to a helpful satellite tracking app, the phone has a compass and a GPS which make it all work pretty well. (A real compass is also recommended as sometimes a phone compass can get out of calibration.) I have had pretty good success finding the four or five easy FM satellites with my little antenna. I have also practiced with an Arrow antenna loaned to me by David Lucas KF5CFW. It's a little more directional than my homemade one, but not much different to use. I did find it worked better with my dual band HT than my homebrew version. The Arrow has a built in duplexer which gave me better SWR on the typical 440 uplink than with mine (so a couple more watts out!), though it was with my cheap LEO Yagi that I did finally make my first satellite contact early last fall!

Once I started using the Arrow, the biggest obstacle to easy operation was not having full duplex, which I had not achieved with my previous method either. My dual band HT does not have this feature, and yet I managed a few contacts without duplex. I had long since abandoned my unwieldy two antenna setup. I had also finally gotten my head wrapped around tracking the satellite and following Doppler shift on the uplink frequency, so was also able to ditch the paper and pen for writing down times, frequencies, and call signs.

In fact, another thing that makes a smart phone invaluable in satellite operation is the voice recorder app. My app names the file with the time and date it was recorded, so logging is just a matter of naming what satellite I'm working at the beginning of the recording and doing some math later on. I start it a couple minutes before the satellite rises

which gives me time to stick the phone in my pocket turn on my radios, walk into the front yard, and find my azimuth angle for AOS..

The final piece in this puzzle for me was a matter of swallowing some pride and admitting that my homemade antenna would be more useful if I removed the (not very well-made) matching network and used two HTs instead of one HT on two bands. Once I did this, putting two separate coax cables to the two sections of the antenna and trimming the elements for optimal SWR on satellite bands, I had more power on the 440 uplink, and I could finally hear myself on the downlink! Now I could tell if I was getting into the satellite and adjust things if I was not. Of course now I once again had an additional radio to deal with. However this actually made things work more easily.

One HT is set to the downlink frequency, which on most newer FM satellites these days is 2 meters, with the squelch open. 2 meter downlink is handy because it is minimally affected by Doppler shift caused by the satellite movement. So this frequency doesn't need to be adjusted during the satellite pass. I also clip the downlink radio right next to the pocket containing my phone for a better recording.

Since the uplinks on the popular new cubesats such as AO-85, AO-91 and AO-92 are near 435 MHz, Doppler does come into play, though these new birds have pretty broad frequency correction. My mnemonic for frequency shift is on Uplink you start low and work your way UP. Forget getting your head around it or doing the math. If your uplink is 435.350, start the pass at 435.340. Then a couple minutes in, go to 435.345, then mid pass to 435.350, etc., ending at 435.360. It takes a few times to remember to reset the transmit frequency every couple minutes, but starts to be automatic after awhile. And if you're working a satellite like SO-50 with a 2 meter uplink then no adjustment is needed for transmit, but you'll be reminded to change your downlink when the received signal gets fuzzy every few minutes. And the opposite mnemonic works. On a 435.xxx DOWNlink start high and go DOWN.

Another important thing to do is set the tone on your uplink for 67.0. All these new little FM sats, and SO-50 require a 67 Hz tone to activate. I also don't fool with memories for satellites. The constantly changing uplink makes that complicated in my opinion. I just keep my two HTs in VFO mode with the tone set, and I dial up and down to the needed frequency. They're all in the same range on both bands 145.xxx and 435.xxx, so adjustment for the next pass just takes a few seconds. I do all that a few minutes before I go out, all based on information from my satellite tracking app.



Working satellites with the Arrow in the front yard.

Just remember I practiced and messed up at all this stuff for several months before my first successful contact, and I still only average one contact per pass.. It was helpful to listen to so many passes, just to get used to how quickly one has to work and what information is given. The main thing is call sign and grid square. I also called so many times without success that by the time someone responded, I wasn't nervous anymore! It is a lot to keep track of and coordinate. It's also good to bear in mind that a 5 watt HT, while more than enough to get into an FM satellite, is not much compared to some setups where people are running 50 watts with antennas that have height, clearance and computer controlled rotors. With lower power, timing is everything, though it is doable and a real challenge. On the ground with trees and buildings in the way, with a homemade handheld setup, running minimal power is an affordable way to get started and a great learning experience. In fact some folks have been known to work satellites with nothing but an HT and a regular whip antenna oriented just right. The 2 meter/440 vertical on my tower receives them very well with no directionality at all. It also works well with a radio like my IC-706 to copy SSB and CW signals on the downlinks of the satellites with linear transponders, just for fun. I'm a long way from being equipped to work these guys, but someday...

So take heart, and be of good cheer, and feel free to ask me what I know about working satellites. It's not much, but if it can help someone out, then, for now, it's enough. I hope to hear more of you on the weekly DFW AMSAT Information Net on Wednesday nights at 9:00 pm. No experience, knowledge or AMSAT membership required, not to mention that there are several folks there who know a lot more than I do. Please stop by, and I hope to hear you on the birds soon!

73 de Virginia NV5F

For more details on FM satellite operation, try these sources:

Getting Started With Amateur Satellites
published by AMSAT North America

"Get on the Satellites for ARRL Field Day." QST, June 2018, p. 61.

For antenna design document look up:
WA5VJB cheap LEO

Upcoming events

September 20th and 21st, 2019, Pigeon Forge, TN

Hello Friends and Club Officials

I want to ask that you pass along this announcement about this years W4DXCC convention onto your club members and friends, thank you in advance.

Hello from W4DXCC 15 DX and Contest Convention. The response to this years event is just Awesome!
Plan on attending today

Friday is the Ham Radio Bootcamp where we do our best to provide the knowledge to New and Experienced Hams alike. If your new to some of the new digital modes like FT8-FT4 you wont want to miss Bootcamp. After dinner Friday evening we meet for a special Live Ask The Elmer session in the main convention hall. Come and ask those questions you have from A to Z.

Saturday is the main convention where we have 6 presenters giving you the inside scoop on what is going on. Following each presentation we have time for questions if you would like to know more.

We have all of the leading radio and equipment manufacturers setup in the lobby with the latest gear for you to twist the knobs or click the mice. More importantly you can have a one on one to ask questions about the gear with the company representative in a relaxed environment.

We have a fully operational Ham Shack setup where you can come learn hands on with an Elmer to show you the ropes and make QSO's in CW, Phone and different digital modes.

The Convention is a great place to meet with your friends. Coordinate with your friends to attend the convention and spend time with them reminiscing of the good old days.

We will have VE Testing on Saturday so get to studying for that test and also study for that Upgrade!

It is time to make your Hotel reservations for this years convention. Go here to the Website Hotel reservation page [Hotel Reservations](#)

The Convention admission includes Snacks and Drinks during Saturdays session and Lunch. Convention Registration is now Open including Online Ticket Purchasing There is an evening Banquet that you can attend. When you purchase your Convention tickets also buy the Banquet tickets, seating is limited for the Banquet.

You can make your ticket purchase anytime by going here [Online Ticket Purchase](#)

Check out the Website and learn about the W4DXCC DX and Contest Convention. Go Here [W4DXCC Convention](#)

Best 73

See you soon,

Dave Anderson, K4SV

Convention leader

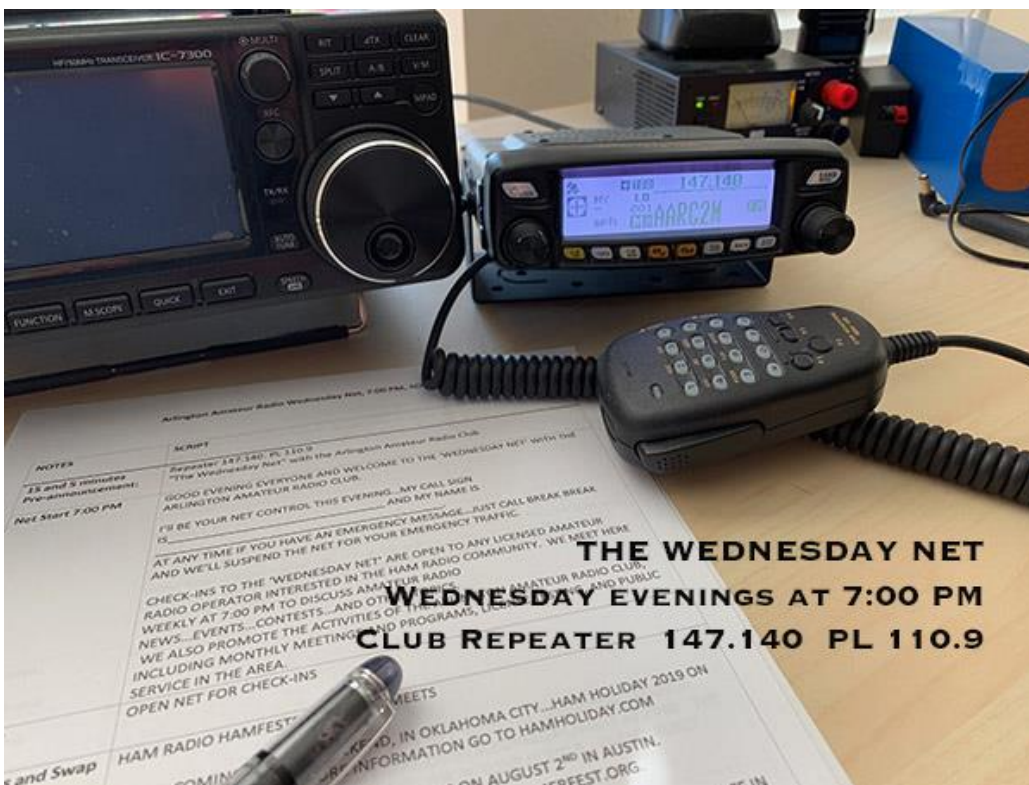
Dave@w4dxcc.com

Club Net

Please join the club Net Control every Wednesday evening at 7:00 PM for the club's "Wednesday Net". Recently we've chatted about the 50th Anniversary of Apollo 11, and there's always the Question Pool Question of the Week with test taking tips. Join us for friendly ham radio chat and find out what others are doing in the hobby and share yours. If you have only a VHF radio, this is the perfect net to start on too!

Join us for the "Wednesday Net" at 7:00 PM on the club 2 meter repeater, frequency 147.140 MHz, with the PL Tone 110.9. We hope to hear you there!

73, K5SLD



Want a club name badge?

 ACCENT AWARDS & TROPHIES 1815 W. PARK ROW • ARLINGTON, TX 76013 TROPHIES • PLAQUES • RIBBONS • ENGRAVING SIGNAGE • BADGES • ACRYLICS sales@accentawards.us 817.469.8791 www.accentawards.us	 DAVE W5DJO \$8.95 each plus tax
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Birthdays

Steve Bennett	8/14
Trey Seastrunk	8/21
Jim Stiebing	8/22
Jim Stiffler	8/22

If I missed your birthday, let me know (I won't include the year, it makes me feel old) - Trey

Calendar of Events

August 16: General Membership Meeting 7:30 pm, 501 W. Sanford.

==== Dining Out (August 17, 5 pm) ====

Kincaid's Burgers in the Highlands. 3900 Arlington Highlands Blvd Ste 113, Arlington, TX 76018

==== Breakfast (September 7, 8:30 am) ====

Pioneer Restaurant 306 109th St, Arlington, TX 76011

August 17: Testing 10:00 am, 401 W. Sanford. Enter on north side of the building.

September 7: Testing 10:00 am, 401 W. Sanford. Enter on north side of the building.

Warning sirens

The City Of Arlington tests its outdoor warning sirens at 1:00 pm on the first Wednesday of each month, using volunteer observers, most of whom are hams reporting into a net held on the AARC's 2m repeater (147.140+, PL 110.9). Check-ins begin during the noon hour, and the test typically concludes before 1:30 pm. More observers are always needed, so please consider helping with this valuable effort if you can spare about an hour at lunchtime once a month.

For more information, contact the Office Of Emergency Management (817-459-6939).

Meeting Minutes

June 2019 Membership Meeting Minutes submitted by Andy Kapushoc KB2VQA, Secretary

The regular meeting of the membership of the AARC was called to order at 7:30 pm on June 21st, 2019 by the President, Virginia NV5F.

Other board members present included Vice President, Mary AE6Q; Secretary, Andy KB2VQA; Emergency Coordinator, Bill AE5BT; Training Coordinator and Agent of Record, Phil N5PWW; and Editor, Trey AF5XS. Absent was Treasurer and Repeater Trustee, Maurice KM5RF.

Virginia NV5F called the meeting to order and asked the attendees to introduce themselves by name and call sign.

Trey AF5XS compiled and distributed the newsletter.

Bill AE5BT reminded the membership that Field Day 2019 was a mere 13 hours away.

On the Saturday evening of Field Day there will be a barbeque dinner planned, with the membership asked to bring a side dish to feed their family and 4 additional people. Bill will extend an invitation to the local Arlington fire house to join us for dinner.

The setting up of equipment will start on Saturday morning (9 am), and pack up on Sunday afternoon (1 pm).

The minutes for the May meetings were submitted for publication in the June newsletter. A motion was made and carried to accept the minutes as published.

Virginia NV5F reported that after the summer time activities, she and Mary AE6Q will work on organizing a kit building project and possible fox hunt for the membership.

Mary AE6Q informed the membership that the presentation for the month of July will be on the topic of emergency communications, followed by the ice cream social/slide show in August. The membership is asked to contribute pictures from their past year's ham radio activities. The AARC traveling library is looking for a new steward. If you are interested in assuming the responsibility or have questions, please contact Mary.

Phil N5PWW reminded the membership that the General exam question pool will change on July 1st. He will hold a test session at Field Day, as well as on the first and third Saturdays of the month at 10 am at 401 W. Sanford St. (use the north side entrance).

Due to the absence of Maurice KM5RF, Phil reviewed the treasurer's report as published in the newsletter. A motion was made and carried to accept the report for audit as published.

Virginia NV5F noted that the position of Public Information Officer remains vacant and is an appointed position. The club is looking for a new steward of the AARC traveling library. If you are interested in either position, contact Virginia. She also mentioned that interest has been expressed to add a 'for sale' section to the K5SLD web site.

A break was taken at 8:06 pm. The meeting resumed at 8:20 pm with Rob W5WS conveying the plans for Field Day set up, operations, and pack up.

The meeting adjourned at 8:51 pm. The sign-in sheet showed 25 people in attendance, all indicating AARC membership.

June 2019 Executive Board Meeting Minutes submitted by Andy Kapushoc KB2VQA, Secretary

The regular meeting of the Executive Board of the AARC was held on June 21st, 2019 at 6:31 pm. Present were President, Virginia NV5F; Vice President, Mary AE6Q; Secretary, Andy KB2VQA; Emergency Coordinator, Bill AE5BT; Training Coordinator and Agent of Record, Phil N5PWW; and Editor, Trey AF5XS. Absent was Treasurer and Repeater Trustee, Maurice KM5RF.

Virginia NV5F called the meeting to order.

Bill AE5BT will review plans for Field Day with the membership this evening.

Andy KB2VQA submitted the May meeting minutes to Trey for publication in the June newsletter.

Mary AE6Q has arranged for a speaker to present a program on the topic of emergency communications in the month of July. For the month of August there will be an ice cream social and slide show. Mary received the donation of a book to be added to the AARC traveling library.

Phil N5PWW holds testing sessions at 10 am on the first and third Saturdays of the month, with an additional test session at Field Day. There are no training classes in progress or scheduled at this time.

Phil N5PWW reviewed the financial report in the absence of Maurice KM5RF.

Trey AF5XS mentioned that the position of Public Information Office is still vacant. Virginia is waiting for a volunteer to fill the position.

Virginia will bring educational material to Field Day for the educational presentation on Morse code. In the months following Field Day, Virginia and Mary will be planning a kit building project for the membership, and perhaps a fox hunt.

The meeting adjourned at 6:57 pm.

Arlington Amateur Radio Club Executive Board Meeting Minutes for July 19, 2019

Submitted by Mary Calkins AE6Q, Vice President

Present:

Virginia Smith NV5F, President
Mary Calkins AE6Q, Vice President
Phil Stage N5PWW, Training Coordinator and Agent of Record
Maurice Martin KM5RF, Treasurer and Station Trustee
Bill Tatsch, Jr. AE5BT, Emergency Coordinator

Absent:

Andy Kapushoc KB2VQA, Secretary
Trey Seastrunk AF5XS, Editor

Virginia NV5F called the board meeting to order at 6:40 p.m. on Friday, July 19, 2019.

Maurice KM5RF said the June bank statement balanced out. He added that the repeater is working.

Virginia mentioned that some people had heard a crackling sound on the AMSAT net. There was a discussion of what could be causing the sound. It could be due to some people not quieting full into the machine, due to interference from other repeaters, or due to someone holding the key on.

Maurice said he will listen in on the next AMSAT net to check on it.

Phil N5PWW said that two people are coming in to take the Technician test tomorrow morning. The following test will be the first Saturday of next month.

Mary AE6Q will contact Kathleen Holly to ask when she might like to do the robot building class. Possible suggested dates are August 17 or 24.

David Lucas KF5CFW suggested that a donation button could be set up in the article field on the Arlington Amateur Radio Club website for people interested in building a robot to pay for the kits. David said there would need to be a notation about the deadline to send money.

Mary AE6Q said that the September presentation will be about Summits on the Air and the October presentation would be about CW history, her friend's interesting career using CW, and a demonstration of different types of keys and how they work.

Virginia NV5F discussed a few positions in the club. She said there is still an open Public Information Officer position on the Board that needs to be filled. Virginia mentioned the Club Librarian position. Mary AE6Q had volunteered to be Club Librarian at the previous club meeting. Virginia also mentioned that the Membership Committee is supposed to have three members. David Spore KB3UBD, the current Chairman of the Membership Committee, has not been available lately and Mary Calkins has been sending the greeting emails to new members asking them if they would like to provide a brief bio about themselves and a picture for the club newsletter. Virginia will ask David Spore KB3UBD if he will be available to continue as Chairman of the Membership Committee.

Virginia said that she and Mary went to the ARRL West Gulf Division Meeting with Dallas-Fort Worth Metroplex Clubs on Saturday. John Stratton N5AUS, West Gulf Division – Director and Steve Lott KG5VK, Section Manager North Texas hosted various club officers from area clubs in North Texas. The purpose of the meeting was to ask what amateur radio clubs are looking for from the ARRL. The club officers made numerous suggestions. The ARRL could publish a column in the ARRL's QST magazine about how to run a club. Each club could have a liaison to keep track of what is happening with the league. When a club enrolls new members in the ARRL, the club could get \$15 from the league for every new member. John Stratton mentioned that the ARRL website needed to be redone to make it easier to find stuff on the site. The North Texas section has a website that should be made more accessible.

Virginia also mentioned some possible upcoming events, like a fox hunt and a kit class in the fall.

Bill Tatsch said Rob May W5WS will get the Field Day report finalized and sent out to the ARRL.

Bill also mentioned that the Boy Scouts of America's Jamboree on the Air event will be on Saturday, October 19, 2019. It is a worldwide scouting event. The event is usually at the Sid Richardson Scout Ranch. Virginia said that at Sid Richardson, the scouts are there for a different event and very few of them get on the radio. Bill discussed some other options. If the Jamboree on the Air event were to take place at the Arlington Amateur Radio Club, then they would need to get scouts to come to the club and participate. Webelos scouts could be potential participants. They are 10-year olds. He could tell the scout master that the club

could volunteer to do radio as an evening program for a camp out. Bill said he can check with the District Executive to see if there are any upcoming events where 7- to 8-year-old boys could be invited.

Dave Walker W5DJO donated two books to the club library.

Virginia NV5F declared the board meeting closed at 7:20 p.m.

Arlington Amateur Radio Club Membership Meeting Minutes for July 19, 2019

Virginia NV5F called the membership meeting to order at 7:33 p.m. on Friday, July 19, 2019.

Maurice KM5RF reviewed the financial report. David W5DJO made a motion to approve the financial report and Joyce W5FJB seconded the motion.

Phil N5PWW said that no classes were currently scheduled. Testing would be at 10 a.m. tomorrow. Testing is done the first and third Saturday of the month. For testing, park on the North side of the building.

Mary AE6Q said that she would contact Kathleen KG5CVO to ask about when she may like to do the robot building class.

Virginia NV5F said that the club meeting with the ice cream social and Phil N5PWW's slideshow will be in August. Mary AE6Q has programs planned for September and October. The November club meeting will be show and tell.

Virginia NV5F said that Mary AE6Q is the new Club Librarian. Virginia said that she will get in touch with David KB3UBD to see if he will still be available to be Chairman of the Membership Committee and that Mary AE6Q is an active member in it. Virginia asked members to let her know if they are interested in welcoming people and making sure people are given information about the club. Virginia said that the club still needs a Public Information Officer. This person would keep track of public relations for the club and look for new ways to publicize the Arlington Amateur Radio Club. This person would also get public acknowledgment of the club for Field Day and invite the appropriate local people to Field Day.

Virginia NV5F said that last Saturday, she and Mary AE6Q attended the ARRL West Gulf Division Meeting with Dallas-Fort Worth Metroplex Clubs. The meeting was at the Hella Shrine Center in Garland, where they have MentorFest. Virginia said they are trying to meet with club officers in the area to get feedback on what clubs expect from the ARRL. It was suggested that the ARRL could add a column to ARRL's QST Magazine about how to run a club. Virginia said that the Arlington Amateur Radio Club is very good for people getting started in radio and can find people to help if they are interested in finding a specialization. Another suggestion at the West Gulf Division Meeting was that clubs could have a liaison that could keep them up to date on what's going on at the ARRL.

Bill Tatsch AE5BT said that Field Day is the 4th full weekend in June. Regarding the open Public Information Officer position, Bill AE5BT said that the Public Information Officer could copy information about Field Day from the ARRL's website and paste it into an article for the Fort Worth Star Telegram.

Bill AE5BT said Jamboree on the Air (JOTA) will take place on Saturday, October 29, 2019. JOTA is a worldwide event in scouting. Bill said that he coordinates the Arlington Amateur Radio Club's participation in the event, previously at the Sid Richardson scout ranch. Bill AE5BT gets 25 patches to give to participants – cub scouts that are 7, 8, and 9 years old. Bill AE5BT said he will do research to see if JOTA could be done at the Arlington Amateur Radio Club this year.

Virginia NV5F said that since the June minutes were not in the June newspaper, the plan will be to get the June and July minutes approved next month.

The meeting was adjourned at 8:15 p.m.

AARC July 2019 Financial Report

	DESCRIPTION	CATEGORY	BALANCE
BALANCE	06/30/19	GENERAL FUND	\$ 2,831.89
		GOOD & WELFARE	\$ 408.84
		REPEATER FUND	\$ 738.59
		CHECKING	\$ 3,979.32
		SAVINGS	\$ 25.00
		C.D.	\$ 2,178.67
		PETTY CASH	\$ 25.00
		NET TOTAL	\$ 6,207.99
EXPENSES			
		NET CHANGE	\$ 53.89
INCOME			
	DEP DUES	DUES	\$ 23.97
	DEP GOOD & WELFARE	GOOD & WELFARE	\$ 29.00
BALANCE	07/31/19	GENERAL FUND	\$ 2,855.86
		GOOD & WELFARE	\$ 437.84
		REPEATER FUND	\$ 738.59
		CHECKING	\$ 4,032.29
		SAVINGS	\$ 25.00
		C.D. \$0.92	\$ 2,179.59
		PETTY CASH	\$ 25.00
		NET TOTAL	\$ 6,261.88

Membership

Get to know

I am very happy to join the Arlington ARC. I have lived in North Arlington for almost 10 years, and have worked in Emergency Medical Services for almost 20 years. Currently, I am a Community Relations Supervisor with Acadian Ambulance. I received my FCC license through the North Texas Trauma RAC and participate in the redundant comms drill each month. I am also a certified Emergency Medical Dispatcher, and very keen to learning all I can about amateur radio. I Just purchased my first DMR radio this month and I look forward to more communications purchases!!



Billy Skiles
KA3EMS (**New Vanity License)

Want to join the club

2019 Club Dues are due
Print a membership form from our website k5sld.org and join us. Annual dues are \$25.00 Individual, \$35.00 Family, or \$15.00 Associate

2019 Club Officers

President: Virginia Smith NV5F - virginia@pipertoo.com - 601-467-5920
Vice President: Mary Calkins AE6Q - AE6Q@ARRL.net – 817-946-3400
Secretary: Andy Kapushoc KB2VQA – kb2vqa@optonline.net – 817-652-0307
Treasurer: Maurice Martin KM5RF – km5rf1@charter.net – 817-266-9906
Editor: Trey Seastrunk AF5XS – trey01@swbell.net - 817-891-6372
Training Coordinator: Phil Stage N5PWW – n5pww@sbcglobal.net – 817-465-5624
Emergency Coordinator: Bill Tatsch Jr. AE5BT – ae5bt@att.net – 817-296-8026
Trustee: Maurice Martin KM5RF – km5rf@att.net – 817-266-9906
Agent of Record: Phil Stage N5PWW – n5pww@sbcglobal.net – 817-465-5624
Public Information Officer:
Webmaster: David Lucas KF5CFW – kf5cfw@gmail.com – 817-781-7256
Repeater Committee: Maurice Martin KM5RF (chair), Rob May W5WS,
Don Kovatch N5YAK, Gerry Dalton W5MAY