



THE ARRAY
OCTOBER 2019



From the President's Shack, Ron Ford, KF5OMH:

Will fall ever get here? I'm beginning to ponder that question. According to the weather report on the news this morning, we're in for one more week of hot weather, then it will cool off. Here's hoping that the weather forecasters are correct. That means we should have perfect weather for our JOTA event on October 19.

The speaker at the September meeting was Steve Lott Smith the ARRL North Texas Section Manager. He brought us up to date on things going on within the ARRL and particularly in the North Texas Section. We really appreciate him getting up way before the chickens to come to Lewisville for the meeting.

Speaking of JOTA, the Scouting Jamboree-on-the-air event, October 19 is right around the corner. Plan to come out and spend some time observing, or better yet, helping to get youngsters on the air. Only if you can spend just one hour, you will definitely benefit from doing so. Mike, W5EVT, is looking for willing help for the event so give him a shout and offer your services. There are a lot of things that need to be done in order for this event to be a success. Conner Pavilion at Lake Park is the venue we'll be using for the day. Check the map elsewhere in the newsletter or on our web site W5LVC.org for directions.

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Web Site: W5LVC.org

Check us out
facebook.com/w5lvc/

*Lewisville Amateur Radio Association
 Is a 501(c)(3) organization*

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LARA Upcoming Events

Business Meeting

8:00 AM Saturday
October 19, 2019
Conner Pavilion at Lake Park
Lewisville, TX

Weekly Nets

“Information and Help Net”
Wednesday, 7:00 PM on 145.170
PL 110.9, -.600 repeater

Saturday Breakfast **(except 3rd Saturday)**

Korner Cafe
921 W. Main St.
Lewisville, TX 75057

Association Contact Information

Email: W5LVC.Club@gmail.com

Mailing Address:

LARA, P.O. Box 292282
Lewisville, TX 75029

Welcome New Members

Reid Bannon, N5ZT

Dianna Holdorf, KI5BKH



THE ARRAY



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EVENTS

JOTA

62nd Annual Jamboree-On-The-Air

Date: Saturday, October 19, 2019

Location: Conner Pavilion at Lake Park on Lake Lewisville

Time: 10:00-17:00

We'll be operating as K2BSA/5 and will be hosting several active radio stations.

All Cub Scouts, Boy Scouts, Girl Scouts and adult leaders are welcome to join us for our 4th annual JOTA event. This is your opportunity to explore the science of Amateur Radio. You'll be able to work with experienced radio operators and talk to other Scouts around the country and possibly the world. In addition, there will be Radio Merit Badge counselors on site to work with scouts who wish to obtain the Radio Merit Badge. (Please note that it is not possible to complete all requirements during this event.) Each participant will receive a certificate of participation suitable for framing.

Contact: Mike Reitz, 214-535-1368 or w5lvc.club@gmail.com

Jamboree on the Air (JOTA) Registration is "On Track"

10/04/2019

With just a couple of weeks to go before Scouting's Jamboree on the Air (JOTA) event on October 18 – 20, JOTA Coordinator Jim Wilson, K5ND, reports that **nearly 200 US stations** have registered their intentions to participate. "Over the last few years, we've typically had around 300 stations registered before the weekend," Wilson told ARRL. "So, we're on track." Wilson noted that Icom America is providing an ID-51A Plus2 VHF/UHF D-STAR portable to encourage stations to submit after-event reports. A drawing will select the recipient.

"Band conditions aren't expected to be any better than they've been for the past year, but the enthusiasm will be there," Wilson predicted, "and local VHF-UHF can work as well as the D-STAR and [VoIP modes]." US participants who have not yet registered **may do so online**. — *Thanks to Jim Wilson, K5ND*

NORTH TEXAS BIKE RALLY

On Saturday, October 12th, St. Jude will be hosting the North Texas Nike Rally. This event is based out of Westlake/Trophy Club/Roanoke. Volunteers are needed for all positions: rovers/tail, rest stops, and net control. Reporting times will be as early as 6:30AM, and the event should be wrapping up just after noon. This event is open to any licensed radio operator. Volunteers do not need to have any club affiliation to sign up for this event.

North Texas Bike Rally signup:

<https://forms.gle/3qzBebJKv4eP99vh8>

North Texas Bike Rally general information:

<https://www.stjude.org/get-involved/fitness-fundraisers/bike/north-texas-bicycle-rally.html>

Please contact me if you have any questions.

73 de KE5GDB
Andrew Koenig



CHRISTMAS PARTY

When: Saturday, December 14, 2019, 6:30 PM
Where: Korner Café, 921 W. Main St., Lewisville, TX



Details: All members, non-members and their guests are invited to come join in this fun family event. We'll order dinner from the regular menu and everyone is responsible for their own check. There will be a gift exchange so bring a gift for each attendee valued at no more than \$20.00. When you arrive, you'll be given a drawing ticket in exchange for your gift which will be placed on the gift table. During the evening there will be drawings from the "hat." When your number is called, you choose a gift from those remaining on the table. Watch out now, because you may not get to keep that gift. Gifts can be stolen from the person holding it in lieu of picking a gift from the table. (Gifts can be stolen three times then they are frozen). If your gift is stolen, you get to choose another from the remaining gifts on the table. There will also be radio and non-radio related door prizes.

Lewisville Amateur Radio Association is proud to announce the addition of two club members to the ARRL North Texas Section Management Team:

Assistant Section Manager for Radio Scouting:
Mike Reitz, W5EVT

Assistant Section Manager Philmont/JOTA Scout Ambassador:
Dale Finley, KB5NFT



ARRL North Texas Section Manager:
Steven Lott Smith, KG5VK



Fun breakfast time Saturday mornings, 8:00 am,
(except third Saturday)

Come on down!

Korner Café
921 W. Main St.
Lewisville, TX 75057



HAM RADIO TECHNICIAN CLASS

THE LEWISVILLE AMATEUR RADIO
ASSOCIATION
(LARA)

WILL BE HOSTING A HAM RADIO TECHNICIAN
CLASS

November 2, 9 & 16, 2019 (2 – 6 hr. learning
sessions and one 3 hr. review/test session)

Times: 8:00 AM – 3:00 PM (first 2 sessions),
10:00 AM – 1:00 PM (3rd session)

AT THE LEWISVILLE CENTRAL FIRE STATION TRAINING
ROOM

Get your first (Technician) ham radio license. All students who successfully complete the class and testing will receive their first ham radio compliments of LARA.

Entrance to the training room is at the rear of the building adjacent to the fuel pumps. Test session will be conducted on Saturday November 16 following the review session. Fee for the test is \$14.00. The fee is payable in cash, check, or money order. Applicants must bring two forms of identification, one of which should be a picture ID.

There is no age limit for individuals to take this class and test for the Technician license.

The class will be taught using the Gordon West Technician Class Manual. Having the manual for the class is not mandatory but strongly suggested. It is also suggested that students review the manual prior to the class sessions. Manuals can be purchased at www.w5yi.org, Amazon.com, and some local book stores.

Complete the registration form at <https://forms.gle/J1lcYZzmnRqfTPTa8> to register for the class.

Questions? Contact Jim, 972-523-8467 or Ron, 972-742-7839 or email w5lvc.club@gmail.com.



from page 1

Please note: The October association meeting will be held at Conner Pavilion at Lake Park. See the map elsewhere in the newsletter or on the W5LVC.org web site.

Our first Western Days event was a huge success. We had quite a few folks come out and walk/ride with the float in the parade and almost an equal amount work the on-air special event station. Thanks to all of those that participated for making this a great event. Special recognition to the three LAARK members who filled three slots during the on-air operation. Mike, W5EVT, our Operations Director did another fine job coordinating all of the parade activity.

Are you on Facebook? If so, did you know that in addition to the association main page we also have two additional pages dedicated directly to the members. Thanks to Jonathon Allread for creating a group page where members can communicate with each other and a buy-swap-sell page. Here are the links –

<https://www.facebook.com/groups/LARAMF> -- group page

<https://www.facebook.com/groups/hamradiobst/> -- buy-swap-sell page

Attention Ladies -- I came across a great web site that might be of interest to some of our YL members. What's a YL, you ask. YL is an acronym for Young Ladies used when referring to female hams; just as OM means Old Man and is used to refer to the male species. Now back to the web site. The Young Ladies Relay League (YLRL) at yrlr.org is an organization formed in 1939 by a group of ladies to make Amateur Radio a way of communicating with other YLs.

Is there any interest among our female membership in developing a YL group within the association? Our YL membership is not large but maybe some ladies would like to do things particularly focused on your interests within our hobby. If this is of interest to you please contact me and we'll get the ball rolling.

Did you know the ARRL has an on-line auction in October? More than 230 items will go on the block as bidding begins on Thursday, October 17, at 10 AM EST (1400 UTC) for the 14th Annual ARRL Online Auction. The auction will continue through Thursday, October 24, closing at 10 PM EST. An auction preview opens on Monday, October 14. The auction is open to ARRL members only. See the ARRL.org web site for more info.

Hope to see everyone at this month's association meeting at Conner Pavilion. I promise that it will be a short meeting with no presentation at which time we'll get busy setting up for JOTA for a 10:00 start.

73, Ron KF5OMH

Support LARA with AmazonSmile

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to LARA. To shop at AmazonSmile simply go to smile.amazon.com from the web browser on your computer or mobile device. You may also want to add a bookmark to smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile. The AmazonSmile Foundation will donate 0.5% of the purchase price from your eligible AmazonSmile purchases. On your first visit to AmazonSmile (smile.amazon.com), you need to select Lewisville Amateur Radio Association as the charitable organization to receive donations from eligible purchases before you begin shopping. AmazonSmile will remember your selection, and then every eligible purchase you make at smile.amazon.com will result in a donation to LARA.

Kroger Rewards

If you shop at Kroger and are a member of their Rewards Program you can also support LARA by selecting Lewisville Amateur Radio Association as your charitable organization of choice. Simply sign in to your account and select us and Kroger will donate 0.5% of your eligible purchases to LARA.

Matching Funds

Many employers will match hours that employees spend supporting a non-profit with donations to that non-profit. If your employer has such a program LARA may qualify to receive these types of funds as we are an approved 501 (C) (3) organization. So, you're retired? Some companies even support a program of this nature for their retirees. Check with your current, or former, employer to see if they have a program of this nature. If 501 (C)(3) details are needed contact the club treasurer.

Western Days On-Air Special Event

The on-air special event station portion of the Western Days activity came off without a hitch; although it got off to kind of a rough start due to band conditions.

We had six operators from LARA and three from LAARK who all operated from their individual QTH stations. A WhatsApp group was used to communicate frequency changes and spotting information as the event progressed. Operators from as far west as Throckmorton and as far east as Oak Point carried the ball from 10:00 – 15:00.

The following LARA members took time out of their day to call CQ: Perry, NE5ET; Clark, K5LGX; David, W5YS; Judy, W5SKJ; Roger, AE5EZ; and Ron, KF5OMH. A special thanks goes out to the three LAARK members who filled slots during our event: Ken, AC5EZ; Will, W5YE and Tod, WE5TR.

Of special note, Quinn, KI5FLF rode on the parade float then headed to Coppell to call CQ from Tod's station. That was Quinn's first attempt at working HF.

Following are the stats:

Total Contacts: 100

Countries: 3

CA: 7

Providences In CA: 2

MX: 1

States In MX: 1

US: 92

States in US: 22



YLRL Activation of the Famous USS Batfish

This weekend District 5 of YLRL (www.ylrl.org) will activate the World War II submarine USS Batfish located at the Muskogee War Memorial Park.

They will be calling CQ using the call sign WW2SUB. Support YLRL and Amateur Radio by giving them a log entry.

USS Batfish Needs Help

The May 2019 Oklahoma floods proved just how well the USS Batfish was built. The Batfish's resting place was completely flooded; although launched 5 May 1943 and out of the water since April 1973, the Batfish, true to her WWII legendary toughness, floated and did not sink.

But she floated away from her original resting place and did suffer some damage. Plans are underway to move her back to a permanent, hopefully flood-proof mooring. The cost of repair and movement is substantial. To partially defray the cost, a GoFundMe program has been started at: <https://www.gofundme.com/f/savetheussbatfish>

The USS Batfish is history that is worth preserving. If you love history, submarines, WWII, museum ships and/or Amateur Radio, please consider making a small donation.

John Robert Stratton

N5AUS

West Gulf Division Director



Ham Radio Review September 27, 2019

by Dale Finley KB5NFT

Philmont Scout Ranch during the 24th World Jamboree (NA1WJ) at Summit Bechtel Reserve (SBR), West Virginia.

This year the World Jamboree at Summit Bechtel Reserve (SBR) was hosted by the US, Canada and Mexico. Approximately 130 countries and 45,000 visitors participated in activities at SBR. Icom America and several other manufactures supported the amateur radio station setups with radio equipment and antennas. Stations were setup to utilize voice, digital data, track balloon launches and have a chance to talk to the ISS.

At Philmont, 2019, our goals were to “mirror” the SBR time schedule and operating modes as much as possible to communicate with any scout, advisor or visitor at SBR and other hams around the world supporting Radio Scouting. Philmont allowed us to setup our crank up antenna tower trailer behind the YURT and operate from the Tooth of Time Traders porch. Each day we setup from approximately 8AM until 5PM and used HF voice, digital modes such as Echolink and DStar to reach SBR. Some afternoons, the weather caused us to shut down early, but we still were able to visit with scouts and visitors on the porch.

As was expected the ham radio bands were not kind to us and our HF contacts were down from 2013, 2015, 2016 and 2017, but we still managed to talk to the 2019 World Jamboree during July 22nd through July 31st. This year we had lots of visitors – staff, PTC visitors, hams, advisors, infirmery scouts and high adventure trek scouts came by to try their hand at ham radio or just sit and chat. Some staff licensed hams helped us setup and mentor visitors and scouts to use and explain ham radio technology, why to get a ham license and how to use our communications technology in case of emergencies.

One scout talked to his grandfather via HF radio. Even though our digital ham modes were limited because of internet connectivity and capability, we still managed to talk to SBR (NA1WJ), an oil rig in the Gulf of Mexico, the Henry Ford Museum, the Alaska net, the Air Force Flyers net, Oshkosh Air Show, the Saturn net, 36 states, 6 countries, make 46 HF contacts, make 13 digital contacts, talk from the Cimarroncito entrance via iphone Echolink App. to NA1WJ, talk to Japan from the staff chow hall. We sent email to an advisor using Winlink, a ham radio email over radio mode while he was returning home from Philmont. We recorded 96 visitors but I know we talked to over 250 scouts while on the Tooth of Time Traders porch. We had 16 staff ham visits, 42 trek ham visits and 77 trek scouts sign our visitor log. We need a “permanent” ham radio shack location such as the CHQ HQ storage building. We would like to meet with Philmont management to discuss our request so that we can be ready for future events like the National Jamboree in 2021.

We are not first responders but we believe our skills allow us to be a backup resource in case of any communications failure. We are blessed to have repeaters around the Philmont area which we are using to communicate from a base, mobile or hand held walkie talkie radio. With Internet connectivity, other ham operators from around the world can “link” into our repeater and talk to their sons, daughters, grandsons and granddaughters.

We hope to expand our “outreach” to the PTC programs with the possibility of teaching the Radio Merit Badge, teaching a technician ham radio class, or a weather spotting class and integrate our hobby more into the STEM process without negatively impacting the Philmont high adventure trek experience or PTC classes.

Our group of hams have a 501.C3 Corp, HamVentures, INC. which we use as a resource to obtain radio equipment for events such as JOTA (Jamboree on the Air), JOTI (Jamboree over the Internet), STEM, National Jamboree and ham radio scout related events at no cost to Philmont or other scouting organizations.

We have created a Philmont Amateur Radio Association (PARA) to support any Philmont ham radio operations. We own a VHF repeater, a portable UHF repeater and lots of equipment to support our Radio Scouting events. Our own ham call sign, K5PSR (club call) is available for Philmont / PTC or any ham related need and use.

In closing, we need Philmont’s help in defining the ham radio future at Philmont. Thank you Philmont for allowing us to operate and show our skills to all visitors and staff. Thank you, National Scout Museum for displaying our Radio Scouting Poster and “Ham Radio from the Tooth of Time” sign. Lots of visitors came to see us after seeing the display.

*Dale Finley, KB5NFT, President of HamVentures, INC.,
214-244-2100, kb5nft@gmail.com*

Nine Schools and Organizations Make the Cut for Ham Contacts with ISS Crew

Amateur Radio on the International Space Station ([ARISS](#)) has announced that nine schools and organizations have been selected to host Amateur Radio contacts with International Space Station crew members during the first half of 2020. The selected host organizations must now complete an equipment plan that demonstrates their ability to execute the ham radio contact. Once a plan is approved, the final selected schools/organizations will have contacts scheduled as their availability matches up with the opportunities offered by NASA.

The schools and host organizations are: Celia Hays Elementary School, Rockwall, Texas; Golden Gate Middle School, Naples, Florida; J.P. McConnell Middle School, Loganville, Georgia; Kittredge Magnet School, Atlanta, Georgia; Maple Dale Elementary School, Cincinnati, Ohio; Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, Tennessee; Oakwood School, Morgan Hill, California; Ramona Lutheran School, Ramona, California, and River Ridge High School, New Port Richey Florida.

The primary goal of the ARISS program is to engage young people in science, technology, engineering, arts, and math (STEAM) activities and raise their awareness of space communication, radio communication, space exploration, and related areas of study and career possibilities.



BATTERIES PLUS BULBS

1093 W. MAIN ST., SUITE #222
LEWISVILLE, TX 75067
972-219-7333 M-F 8-8, SUN 10-5

Your Destination for Batteries, Light Bulbs, Lighting Fixtures & Repairs.

Here is a Club benefit that very few of us take advantage. We get 10% discount on all purchases at the **Batteries Plus Bulbs** location in Lewisville, right across the street from the fire station.

They have batteries for cars & trucks, cell phones, SLA, motorcycles, boat/marine, and golf carts. They also have Alkaline batteries and do cell phone repair. As well as key fob replacements, lighting & fixtures and chargers.



FCC Proposes Fining New York Radio Amateur \$17,000 for Deliberate Interference

10/04/2019—From ARRL

A New York Radio Amateur — Harold Guretzky, K6DPZ, of Richmond Hill — is facing a \$17,000 fine imposed by the FCC. Guretzky was issued a *Notice of Apparent Liability for Forfeiture (NAL)* on October 3 for causing intentional interference on a local repeater and preventing other radio amateurs from using it.

“Given his history as a repeat offender, this violation warrants a significant penalty,” the FCC said in the *NAL*. The *NAL* recounted numerous complaints alleging that Guretzky was deliberately interfering with a repeater in Glen Oaks, New York. In June of 2017, the FCC issued a *Warning Letter* to Guretzky, advising him of the nature of the allegations against him and directing him to stop using the repeater going forward. Nonetheless, additional complaints were filed. In April 2018, agents from the FCC New York Enforcement Bureau office drove to Richmond Hill to investigate. Following an inspection of Guretzky’s station, the agents advised him in writing that he was prohibited from using the local repeater.

After the FCC received further complaints regarding Guretzky’s continued operation on the local repeater, an Enforcement Bureau agent again drove to Richmond Hill to investigate. The agent monitored the VHF repeater’s input and output frequencies and, after observing deliberate interference to other stations, used direction-finding techniques to identify the source of the transmission as Guretzky’s station. “The agent monitored and recorded the transmissions emanating from Guretzky’s station for several hours that afternoon and heard him interfering with the local repeater,” the *NAL* said. “Later, the agent heard Guretzky making threatening comments toward other amateur operators. These transmissions were a deliberate act to control the frequency and prevent other Amateur Radio operators from conducting legitimate communications.” The following month, FCC Regional Director David Dombrowski spoke with Guretzky via telephone, noting that the Commission was still receiving complaints about his continued use of the repeater and cautioning him against using the repeater. The FCC said Guretzky “apparently willfully violated” Section 333 of the Communications Act and Section 97.101(d) of the FCC’s Amateur Service Rules, demonstrating “a deliberate disregard for the Commission’s authority and the very spirit of the Amateur Radio Service by continuing to interfere with the local repeater” despite having been warned.



Chairman Ajit Pai, far left



The Federal Communications Commission (FCC)

is an independent agency of the United States government created by statute (47 U.S.C. § 151 and 47 U.S.C. § 154) to regulate interstate communications by radio, television, wire, satellite, and cable. The FCC maintains jurisdiction over the areas of broadband access, fair competition, radio frequency use, media responsibility, public safety, and homeland security.

The FCC was formed by the Communications Act of 1934 to replace the radio regulation functions of the Federal Radio Commission. The FCC took over wire communication regulation from the Interstate Commerce Commission. The FCC's mandated jurisdiction covers the 50 states, the District of Columbia, and the territories of the United States. The FCC also provides varied degrees of cooperation, oversight, and leadership for similar communications bodies in other countries of North America. The FCC is funded entirely by regulatory fees. It has an estimated fiscal-2016 budget of US \$388 million. It has 1,688 federal employees, made up of 50% males and 50% females as of December, 2017.

TECHNICAL DIRECTOR*Jim Horton, WB8YWA****Thoughts on your Station's Power Supply - By Jim, WB8YWA***

Most ham stations have many pieces of equipment that operate on a 13.8 volt source. First, do you know why it is 13.8 volts and not just 12 volts? It comes from putting radios in automobiles. A car 12 volt battery when fully charged is 12.6 VDC (2.1 volt per cell times the 6 cells). To charge this battery, the alternator has to produce more volts than the 12.6 and the car industry selected 13.8 as the standard. Thus, radio manufacturers design their equipment to be operated between 12 and 14 volts.

In my shack I have seven pieces of equipment that operate on this voltage. So, in your shack, you need to determine the amount of current needed to run your station. When figuring this current, realize you can only transmit on one radio at a time. So, take the largest current radio at its transmit value, then add all the other equipment when it is in receive or its normal draw if an accessory.

In my case, my HF radio states it draws 20 Amps on transmit. Next I add all the other equipment current draws on receive or if accessory just powered on. Once you have that number, increase it by 20 %. This is the minimum supply you should have at your station. Now before going out and buying that one, stop and think if you will be adding any other equipment to your station and add that for future growth. Remember, it doesn't matter how much bigger the supply is, but it must be large enough to handle the load you put on it. Another factor is Peak output vs. Continuous output. A RS-35 Astron power supply specifications state it's Peak output is 35 Amps @ 13.8 VDC. It's Continuous output is only 25 Amps. With that said I have what I would call a large station. I have been using an Astron RS-35 for over 20 years and it has performed without a problem. RS-35 is a regulated linear supply.

Now, switching vs regulated power supply. There are pros and cons here and every seasoned ham has a story and comment to make. Here is the difference.

Regulated (Linear) Supply has a heavy transformer, is about 60% efficient, it is larger and heavier compared to a switching supply. It's been around for a very long time and easy to repair if needed. Switching supply is smaller and lighter in weight, is 80% efficient and can be very noisy when used in and around a RF receiver. It's also more complicated to repair.

When I am out in my RV I use a Astron SS-30 which is a switching type supply. It is so much smaller and lighter to carry. (I have been using this for as long as my home station RS-35.) Also the club owns two Astron switching supplies we use on our club radios during our events.

Both types are excellent and I have never experienced noise from the Astron switching types. Also there are other manufacturers that make good power supplies. I am most familiar with Astron, and since I have never seen a bad one, why change?

Here is a simple and no cost addition to your Shack that will be very useful to you.

By Jim Horton WB8YWA

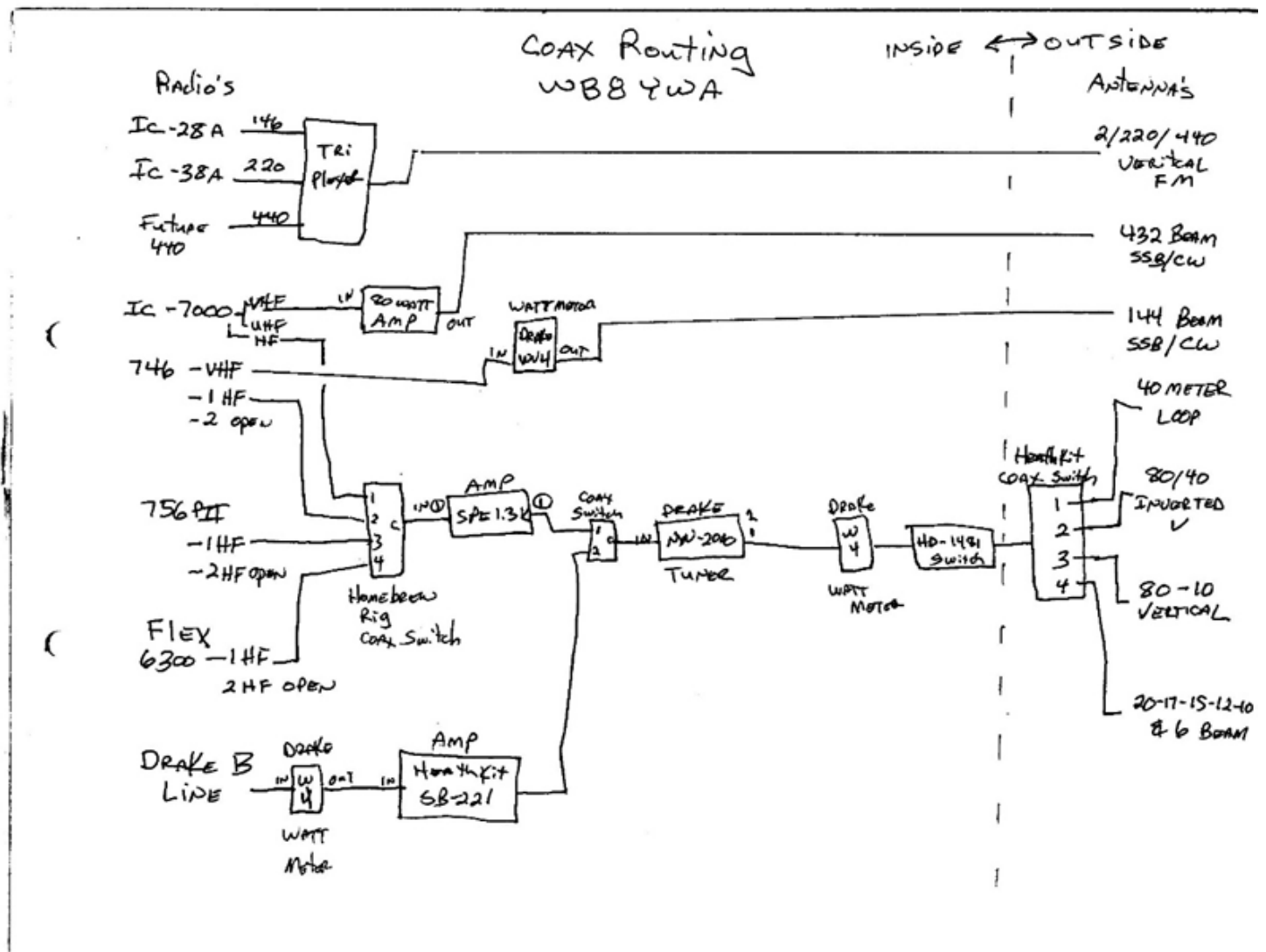
A simple hand drawing schematic of your station and how everything is connected to make it a station is a very useful item to have at your fingertips. You can have one for coax routing, another for 12 VDC Power, 120/240 power (What is plug in and breaker numbers), and your computer wiring. I even have one for my TV's & accessories.

For the coax routing you can start at the beginning, the rig or at the end the antenna and work backwards. Whichever seems easiest to you. It is best that it fits on one page so you see the whole picture of the station. It does not need to be fancy just as long as you can understand it when you pull it out months from now. Remember the larger your station becomes the more important it is to have this document.

See on day one it will seem so simple why take the time, it's in my head, but as you add to your station it can become very complex and hard to remember what goes where in the coax chain.

Below is the coax routing schematic of my station. I have been building this for 45 years and most with say "wow, this is over kill", but I do have a use for each of these pieces of equipment.

Coax Routing at WB8YWA hand drawing schematic:



Hope I have given you an idea and this helps make life a little easier for you in the shack.

YOUTH'S CORNER



**YOUNGSTERS
ON
THE
AIR**



YOTA 2019 Summer Camp in Bulgaria Spawns Subregional Camps

Most of those attending the recent Youngsters on the Air ([YOTA](#)) summer camp in Bulgaria were first-timers, [observed](#) Monty Schebesta, OE3VVU, a participant this year. Some 80 young radio amateurs from 27 countries convened near Sofia August 11 - 17 to, as he put it, "connect and learn from each other." Monty said the successful 2019 summer camp demonstrated that YOTA is growing quickly, noting too that 40% of the YOTA Summer Camp attendees were young women.

During the week, campers engaged in a variety of workshops that included such activities as building VHF and HF antennas and assembling electronic kits, which, for many, meant learning how to solder. Monty said the focus of the activities and presentations involved learning from each other.

"YOTA is shifting more and more towards a 'youngsters for youngsters' approach, where youngsters teach each other, rather than relying on older generations for input," he said. "The main goal of the YOTA summer camp is to give youngsters the ideas, knowledge, and experiences they require to go back to their home country at the end of the week and start their own youth activities."

Monty said the practical workshops are the mostly easily reproducible, so that young radio amateurs could use them to introduce new young people into the hobby. "For example," he said, "youngsters might do a kit building workshop at a local school or use the antenna built at the camp to do a [Summits On The Air] activation together with some new youngsters." Subregional camps such as those held in Finland, Italy, and Germany in recent years are becoming more common in Region 1, with the next set for late September in the Czech Republic (OL19CAMP), followed closely by a camp in the Netherlands in December.

He anticipates many other youth teams will want to stage subregional YOTA camps of their own. "What the participants learned at the YOTA summer camp will be an invaluable resource for organizing subregional camps and youth activities on any scale," he concluded.

Bulgaria's International Amateur Radio Union (IARU) member-society, BFRA, sponsored the 2019 YOTA Summer Camp.

Reprinted from The ARRL Letter for September 12, 2019



THE ARRAY



NORTH TEXAS YOUTH NET

Sundays 6:30PM

The North Texas Youth Net is an opportunity for all youth (and young at heart) to get a chance to operate with their peers each week. This net is called at 6:30pm before the Johnson County News, Information, and Training Net.

145.490 repeater, PL 88.5
444.000 repeater, PL 136.5

AREA REPEATERS

<u>FREQ</u>	<u>SHIFT</u>	<u>PL</u>	<u>CALL</u>	<u>NAME</u>	<u>ALLSTAR</u>
144.9100	none	none	W5NGU-4	DCARA DIGIPEATER DENTON	
144.9900	none	none	KC5GOI	DCARA DIGIPEATER ROSSTON	
144.9900	none	none	KD5EOC-10	DCARA WL GATEWAY	
145.1700	-0.600	110.9	W5FKN	DCARA DENTON COUNTY EOC	
145.2100	-0.600	110.9	N5MJQ	METROCREST ARA CORROLLTON	
145.4000	-0.600	110.9	NETARC	GRAPEVINE	
145.4900	-0.600	85.4	WD5U	ROSSTON TOWER	41089
146.6200	0.600	110.9	N5ERS	GRAPEVINE	
146.7800	0.600	131.8	WQ5A	WISE COUNTY SKYWARN	
146.9200	-0.600	110.9	W5NGU	DCARA DENTON	41087
146.9400	-0.600	110.9	K5FTW	FT. WORTH SKYWARN	
147.3800	0.600	110.9	K5LRK	LAARK THE COLONY	47668
147.4500	-1.000	none	W5NGU-C	DCARA EOC D*STAR "C"	
147.4900	-1.000	none	KE5YAP-C	DCARA ROSSTON D*STAR "C"	
147.9700	none	none	K5YX-10	WINLINK GATEWAY	
224.0000	-1.600	110.9	K5LRK	LAARK THE COLONY	
224.2000	-1.600	110.9	KE5GDB	DCARA DENTON	43409
224.9200	-1.600	110.9	AF5RS	AF5RS	43784
440.6625	5.000	none	N5LS	DMR MARC CC1	
440.6875	5.000	none	W5NGU	ROSSTON DMR MARC CC1	
440.7125	5.000	none	KE5YAP-B	DCARA ROSSTON D*STAR "B"	
441.3250	5.000	88.5	W5NGU	PORTABLE DCARA REPEATER	
442.1750	5.000	110.9	NETARC	SOUTHLAKE	
442.6000	5.000	131.8	WQ5A	WISE COUNTY SKYWARN	
442.6500	5.000	110.9	N5MJQ	METROCREST ARA CORROLLTON	
442.7500	5.000	110.9	KA5R	TROPHY CLUB	
442.9250	5.000	none	W5NGU-B	DCARA EOC D*STAR "B"	
443.2250	5.000	110.9	N5ERS	DECATUR	
443.3000	5.000	110.9	K5LRK	LAARK C4FM ONLY	
443.5250	5.000	118.8	WA5LIE	DCARA DENTON	
443.7375	5.000	141.3	N6LXX	ROSSTON TOWER	
443.8250	5.000	103.5	KC5BY	COPPELL HIGH SCHOOL	40666, 50187
443.8750	5.000	110.9	NETARC	DFW AIRPORT	
444.0500	5.000	110.9	W5NGU	DCARA DENTON COUNTY EOC	
444.2250	5.000	110.9	K5CFD	COPPELL	
444.5125	5.000	123.0	KE5UT	CELINA	
444.7000	5.000	110.9	NETARC	SOUTHLAKE	
444.8500	5.000	110.9	N5ERS	GRAPEVINE	
927.0500	-25.000	110.9	W5FKN	DECATUR	
927.4125	-25.000	432.0	N5LS	DENTON	
927.6125	-25.000	110.9	W5NGU	DCARA DENTON COUNTY EOC	
927.6625	25.000	none	N5LS	DMR MARC CC1	
1253.6000	none	none	W5NGU-G	DCARA EOC D*STAR "G"	
1259.2000	none	none	KE5YAP-G	DCARA ROSSTON D*STAR "G"	
1293.2000	-20.000	none	KE5YAP-A	DCARA ROSSTON D*STAR "A"	
1293.4000	-20.000	none	W5NGU-A	DCARA EOC D*STAR "A"	



GALLERY



This year was our club's first entry in the Western Day Parade was a huge success. Our float was designed to advertise our club and to promote youth in amateur radio and our sponsorship of BSA Jamboree on the Air. We had a mock up ham station with youth operators and Cub and Girl Scouts on the float passing out candy. There were 11 members and 3 additional youth to participate. I want to thank all who came out and joined us for the parade and we look forward to next year's event.

Mike Reitz
Operations Director