



The Sky Wave

A monthly publication of the Sumner County Amateur Radio Association
Sumner County, Tennessee

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VE Testing

Bill Esquilla W3UO

Meetings are held on the second Thursday of each month at 7:00 PM. Testing sessions are held at 6:00 PM on meeting nights. All exams (Technician, General, Extra) will be offered at each testing session. **Sumner County Emergency Services Center, 255 Airport Road, Gallatin, TN 37066**

PRESIDENT'S MESSAGE

Well, March has left us, but mother nature just wanted to remind us that she was not done with winter. We missed the severe weather. Now we can get on with all the spring projects that we have planned. There are some nice days coming up soon. So, get your antenna's projects together and get out and get them done. The HF bands have been poor. So, I even have plans to build larger and better antennas for my shack. Everyone needs to make sure to mark their calendars for the last full weekend of June, as it will be field day weekend June 29-30. Don't forget to come and join us at the meeting. We have lots of good information and a great group of very knowledgeable members that can help answer any questions that you might have. See you there.

73's for now.

Bill W3UO



THE NEXT MEETING WILL BE:

APRIL 11, 2019

We now have the equipment, supplies, and software needed to make a membership badge for each of the members. We will be taking photos at the April meeting for the badges. If you have paid your dues then we need your photo.



Internet Home Pages

SCARA: <http://www.scara.net/>
SCARA Facebook Page: <https://www.facebook.com/groups/166987860508865/>
Shout South: <http://shoutsouth.com/>
Sumner County ARES: <http://www.sumnerares.org/>
ARRL: <http://www.arrl.org/>
ARRL Facebook Page: <https://www.facebook.com/ARRL.org/>

If you have an article, classified ad, photos, or any other information you would like to have included in the *The Sky Wave*, then email it to the editor, Ken Helms, AB9ZD, at AB9ZD@ARRL.NET. Please put "For SCARA Newsletter" in the subject line and submit it before the first of the month.

SUMNER COUNTY AMATEUR RADIO ASSOCIATION - MARCH MEETING MINUTES

Members in Attendance: 32			
Title:		Meeting Minutes	
Location:		ESC - 255 Airport Road	
Date:		3/14/2019	
Start	End	Item	Contact
07:00:00 PM	07:01:00 PM	Meeting called to order by Club President	Bill W3UO
07:01:00 PM	07:03:00 PM	Group honored our Country by committing to the Pledge of Allegiance	Bill W3UO
07:03:00 PM	07:05:00 PM	Introductions all around	Group
		Treasurer's Report: Last report Acct Bal: \$2684.47	Treasurer Not Present
		Trustee's Report: The 39 machine is not linked at this time.	Richard WA4YQC
		OLD BUSINESS: Bill W3OU opened the business meeting for officer status reports.	Bill W3UO
		Richard WA4YQC then gave a very informative presentation on "Trunking Systems" and how they basically work. There was discussion on how this works with radio systems both public service and ham radio.	Richard WA4YQC
		Richard WA4YQC also brought up that there is available some LMR 400 coax at a very low bulk price of about \$0.50 ft or lower. As everyone was happy to here this and wanted some, a total of 2100 ft was spoken for so it was decided that Bill will order 2 rolls of 1000 ft and a 500 ft roll.	Richard WA4YQC
		VP Terry KM4MAX suggested that the club consider sponsoring a contest for kit building. Fifty percent of the construction must have soldering on it. It must be turned in by Field Day this June and a motion was made and approved that the winner will receive a club-sponsored \$50 gift card from Ham Radio Outlet. Further talks were conducted about the number of sources for kits and Mike Quinn was volunteered to search out more information about the types, sources and costs for some simple kits.	Terry KM4MAX
		NEW BUSINESS: Bill W3OU opened the business meeting for officer status reports.	Bill W3UO
		Question raised about date for the FoxHunt. Bill W3OU said we should have a date set by the next meeting.	Bill W3UO
		Mike K4TCE gave a presentation on available kits. A \$50 gift card to the winner of the "build a project" competition, due at 2019 Field Day for judging.	Mike K4TCE
		Bill W3OU presented our annual Storm Spotter Training. All in attendance will receive credit for the annual training requirement.	Bill W3UO
8:54:00 PM		Meeting adjourned. No ARES meeting this month (combined with SCARA meeting for Storm Spotter Training).	Bill W3UO
<i>Meeting minutes provided by Jim W3UG.</i>			



A straight key originally designed and built by Hiram Percy Maxim, W1AW, the first president and co-founder of ARRL. The key was provided courtesy of the Antique Wireless Association.

Hams have been building their own CW keys since the earliest days, and some of their creations have become legends. Many were mechanical marvels and *objets d'art*.

In 2019, we invite you to enter your best key design in the QST Key Competition. You can enter in one of the following key categories:

- ◆ Straight
- ◆ Semiautomatic/Bug
- ◆ Paddle
- ◆ Sideswiper

The winner in each category will receive \$250.

We can accept only one entry per person or team.

The deadline is June 1, 2019.

2019 QST KEY DESIGN COMPETITION DEADLINE IS JUNE 1

[Click here for more information.](#)

STORM SPOTTER TRAINING AT THE MARCH MEETING

Tornados and flooding have been in the national news in the past few weeks. It's a good time of year for storm spotter training (not that there is a bad time of year for it). So that's what we did for the March meeting. Bill did a great job of presenting the material which was a refresher for most of us, but it was new material for a few.

If you missed it, the National Weather Service / SKYWARN is planning on having on-line training programs available this fall.



MARK YOUR CALENDAR

04/02/2019	7:30 PM	SCARES Net	<i>If you would like to have an event listed in the club calendar then send me an email at ab9zd@arrl.net. The calendar is not limited to just club events but it should be something of interest to the members.</i>
04/06/2019	8:00 AM	Sumner EMS Free CPR, AED, and First-Aid Class	
04/09/2019	7:30 PM	SCARES Net	
04/11/2019	7:00 PM	Monthly SCARA Meeting	
04/13/2019	7:00 AM	Pedal for Paws	
04/16/2019	7:30 PM	SCARES Net	
04/23/2019	7:30 PM	SCARES Net	
04/30/2019	7:30 PM	SCARES Net	
05/07/2019	7:30 PM	SCARES Net	
05/09/2019	7:00 PM	Monthly SCARA Meeting	



We will be helping with the annual Pedal for Paws event again this month. The start time is 7 AM for those who want to help. We'll go over more details at the monthly club meeting on the 11th. This is another great opportunity to practice providing communications support in the event of an emergency.

If you want to know more about the event, then follow the link:

www.sumnerspayneuteralalliance.org/pedalforpawstn

APRIL CONTESTS

[Click here to download the ARRL contest calendar for April.](#)

Here are just a few that you might be interested in:

Mississippi QSO Party	Missouri QSO Party
New Mexico QSO Party	North Dakota QSO Party
Georgia QSO Party	ARRL Rookie Roundup, SSB
Nebraska QSO Party	Michigan QSO Party
Ontario QSO Party	Florida QSO Party
Florida State Parks on the Air	Texas State Parks on the Air

SUMNER EMS FREE CPR, AED, AND FIRST-AID CLASS

Sumner EMS will host a FREE Community CPR, AED, and First-Aid Class on Saturday, April 6th, from 8AM to 10AM, only 2 hours on a Saturday morning could help you save a life!

Sumner County EMS
255 Airport Rd, Gallatin, Tennessee 37066

Saturday, April 6, 2019

8:00 AM - 9:00 AM

- Adult, Child, and Infant CPR / AED Training (includes choking training)

9:00 AM - 10:00 AM

- First-Aid, including Bleeding Control, recognizing stroke and heart attack, and treatment of other medical emergencies

<https://www.facebook.com/events/403038453825074/>

SPECIAL EVENTS STATIONS

To search the ARRL special events stations database, go to:

www.arrl.org/special-event-stations





If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at:
AB9ZD@ARRL.NET.

CLUB PATCHES ARE STILL AVAILABLE



Memphis FreeFest®
Mid-South Amateur
Radio Association
Saturday April 13, 2019
9 am to 3 pm

Bartlett Station Municipal
Center (behind the library)
5868 Stage Road Bartlett, TN

<https://sites.google.com/a/maraonline.org/mara-online/freefest>

SCARA KIT BUILDING PROJECT FOR MARCH THRU JUNE 2019

Mike K4TCE provided the following list of ideas for ham radio kit building at the March meeting. If you aren't sure where to start then click on these links to get some ideas.

Sources for Kits and Supplies...

Carl's Electronics

This is a great site for inexpensive kits and supplies. You will enjoy browsing through their relatively inexpensive kits and supplies.

www.electronickits.com

Chaney Electronics

Chaney has a pretty good supply of kits and supplies for the beginner kit builder.

www.electronickitsbychaneyelectronics.com

JAMECO Electronics

JAMECO has been around for many years and a great source for electronic components, parts and kits.

<https://www.jameco.com/webapp/wcs/stores/servlet/StoreCatalogDisplay?langId=-1&storeId=10001&catalogId=10001>

Q-Kits

Q-Kits are a great website for the beginner kit builder due to the amount of information and instruction they provide with each kit and are a concise and easy to navigate website. Q-Kits offer the kit builder a complete line of kits and supplies, including soldering equipment and test gear. The company is located in Canada.

<https://store.qkits.com/>

NOTE: If the websites above don't seem to get you fired up then get crazy and navigate to the following website.

www.W1WC.com/kits/

Dave Bauchiero (W1WC) is nuts about everything for Ham Radio in the form of kits and supplies and will surely stir your interest in kit building.

THANKS Terry (KM4MAX) for a great idea!

[Thanks Mike! If anyone else has ideas for kit building then send your ideas to the editor at ab9zd@comcast.net and we will include them in the next issue. Ed]

SCARA W4LKZ Repeaters

Freq/Offset	Input Tone	Location	Notes
146.880 (-)	114.8 PL	Music Mountain (5 miles North of Gallatin, TN)	Linked to Shout South
444.350 (+)	107.2 PL	Music Mountain (5 miles North of Gallatin, TN)	Linked to Shout South
444.000 (+)	107.2 PL	Center Point Road (Hendersonville, TN)	Linked to Shout South
145.390 (-)	114.8 PL	Mutton Hollow (Bethpage, TN)	Linked to Shout South
443.300 (+)	107.2 PL	Portland (Portland, TN)	Not linked to Shout South
443.400 (+)	107.2 PL	White House (White House, TN)	Linked to Shout South
146.805 (+)	114.8 PL	Mockingbird Hill (Gallatin, TN.)	Both analog and digital (stand alone DMR)
443.750 (+)	107.2 PL	Mutton Hollow (Bethpage, TN)	P25 Repeater System
442.5125 (+)	107.2 PL	Anderson Ln (Hendersonville, TN)	Not on the Air
Notes:			

APRIL FOOL'S DAY - A LITTLE BIT OF HISTORY

Some may think that April 1st, April Fools Day, is a recent invention. They could not be more wrong. In 1686, John Aubrey referred to the holiday as "Fool's holy day", the first British reference.

Consider the April Fools Day prank of the "Annual Ceremony of Washing the Lions at the Tower of London." Check the date on the invitation, it is April 1st, 1856. Animals were kept at the Tower of London since the 13th century, when Emperor Frederic II sent three leopards to King Henry III. In later years, elephants, lions, even a polar bear were added to the collection, the polar bear was trained to catch fish in the Thames.



On April 1, 1698, citizens were invited to the Tower of London to see the "Washing of the Lions" in the tower moat. Quite a few were sucked in. The April 2 edition of Dawks' News-Letter reported that "Yesterday being the first of April, several persons were sent to the Tower Ditch to see the Lions washed." The "annual ceremony of washing the lions," lasted throughout the 18th & 19th centuries, always held on April 1st.

The prank became quite elaborate by the mid-nineteenth century. Tickets were printed and distributed for the event, specifying that attendees be "Admitted only at the White Gate", and that "It is requested that no Gratuities will be given to the Wardens on any account." Pandemonium broke out when hundreds showed up, only to realize they'd been pranked.

ICOM TO MAKE WEARABLE TECH



LOCAL HAM DOES, IN FACT, OWN THE FREQUENCY

Talk about "Fake News"! But, it's all in good fun. If you like your amateur radio with a bit of occasional silliness, check out "Ham Hijinks" on the web and on Facebook.

Ham Hijinks is a satirical ham radio news organization; the brainchild of the award-winning *Noise Blankers Radio Group* of former journalists and communications professionals. Their philosophy is simple – let's laugh at ourselves every once in a while. We love the ham radio hobby very much. But we never, EVER want to take it so seriously that we become old curmudgeons who don't accept other points of view. Let's face it, our hobby has some stereotypes and behaviors that leave us shaking our heads. But, let's roll with it. Laugh with it (not at it). Have fun.

All of the news stories are bogus and just intended to put a smile on the face of the reader.

Check them out at:

<https://hamhijinks.com/>

<https://www.facebook.com/hamhijinks>

HAM RADIO MAGAZINE CANCELS PLANS FOR SWIMSUIT ISSUE

In an attempt to boost readership, *QRM Magazine* had plans for an issue that would feature swimwear and ham radios. Rather than hire expensive models, they requested that their readers submit photos of themselves on a beach or by a pool with their radio equipment.

"The results were disappointing" said April Furst, magazine editor. "I've met many lovely people in the ham community but those aren't the ones who sent us photos. Take this photo of Jason and Beth from Hot Springs. I'm sure they were once a handsome couple but that was 30 years, three kids, and 200 pounds ago."

"Or this photo of Tasha on a beach with an HT. Such a beautiful young woman but she's in Minnesota and the lake in the background is clearly frozen and men are ice fishing. From the blue color of her skin, I'd say she's just a few minutes away from hypothermia."