



The Sky Wave

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

August 2019
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SCARA Officers

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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, another month has come and gone. I'm sorry that I missed the last meeting. I had to go to Alabama for training on my new job. But from what I hear the meeting was a great success. I want to thank Terry for stepping in on short notice. The weather has been wonderful so far this year. We can't complain about the cooler temps. I hope that most of you have had some time to get on HF. I haven't had time to even turn the radio on. We have a great meeting scheduled for this month and hope to see everyone there. I know that Jack has some training for ARES. I will have a short presentation on a mobile HF antenna that I ran across while I was in Alabama at Giga Parts.

73's for now

Bill

W3UO



THE NEXT SCARA MEETING WILL BE:

AUGUST 8, 2019

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, K9ZT, at K9ZT@COMCAST.NET. Please put "For SCARA Newsletter" in the subject line and submit it before the first of the month.

SUMNER COUNTY AMATEUR RADIO ASSOCIATION - MAY MEETING MINUTES

Members in Attendance:			
	Title:	Meeting Minutes	
	Location:	ESC - 255 Airport Road	
	Date:	7/11/2019	
Start	End	Item	Contact
07:00:00 PM	07:01:00 PM	Meeting called to order by Club Vice President	Terry KM4MAX
07:01:00 PM	07:03:00 PM	Group honored our Country by committing to the Pledge of Allegiance	Terry KM4MAX
07:03:00 PM	07:05:00 PM	Introductions all around	Group
		Treasurer's Report: Last report Acct Bal: \$2658 -300 for Field Day	Chuck KK4ODK
		Trustee's Report: Over next year, the county is changing repeater locations. Our Net might be down as buildings are replaced. Planning to put a repeater in for Smith County (146.805 -). Smith Co machine is down. Corrum Hill is down.	Richard WA4YQC
		OLD BUSINESS: Field Day 2019 (22-23 Jun 2019) Headcount: 50 Club providing Burgers & Dogs. Members bring a side dish.	Steve K4SJS
		Bob NY4H gave a demo of KB Morse program. Should be available in Micro-soft Store in 30 to 60 days.	Bob NY4H
		NEW BUSINESS: Chuck KK4ODK made a motion that we put \$750 of SCARA assets in the ARES trailer, since 90% of SCARA membership is also ARES members. Seconded by Mike K4TCE. After discussion, passed unanimously.	Terry KM4MAX
		Jim W3UG gave a presentation on Cryptography.	Jim W3UG
8:04:00 PM		Meeting adjourned.	Terry KM4MAX
<i>Meeting minutes provided by Jim W3UG.</i>			

**A SPECIAL THANKS
TO THOSE WHO
HELPED OUT AT THE
HENDERSONVILLE
FREEDOM FESTIVAL**



MARK YOUR CALENDAR

08/06/2019	7:30 PM	SCARES Net	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.
08/08/2019	7:00 PM	Monthly SCARA Meeting	
08/13/2019	7:30 PM	SCARES Net	
07/16/2019	7:30 PM	SCARES Net	
07/23/2019	7:30 PM	SCARES Net	
07/30/2019	7:30 PM	SCARES Net	
08/06/2019	7:30 PM	SCARES Net	
08/08/2019	7:00 PM	Monthly SCARA Meeting	
08/13/2019	7:30 PM	SCARES Net	

JULY MEETING

SCARA Vice-President Terry KM4MAX did a great job running the July meeting as Bill W3UO was out of town. After the club business was taken care of, Jim W3UG gave an excellent presentation on the history of cryptography. He discussed cryptographic techniques from ancient times up through World War II. It is a fascinating subject (even if hams are specifically prohibited from sending encrypted communications).



BK MORSE CODE SOFTWARE

Is Now Available ON THE MICROSOFT STORE

BK Morse Code



Morse Code Training

BK Morse Code • [Education](#) > [Instructional tools](#)

♡ Wish list

★★★★★ 2

A comprehensive training system for learning Morse Code. Learn the characters at full speed, then practice with the included text, or any text of your own.

Learn the sounds of the characters, and words, rather than just the dashes and dots.



EVERYONE

Minimum System Requirement

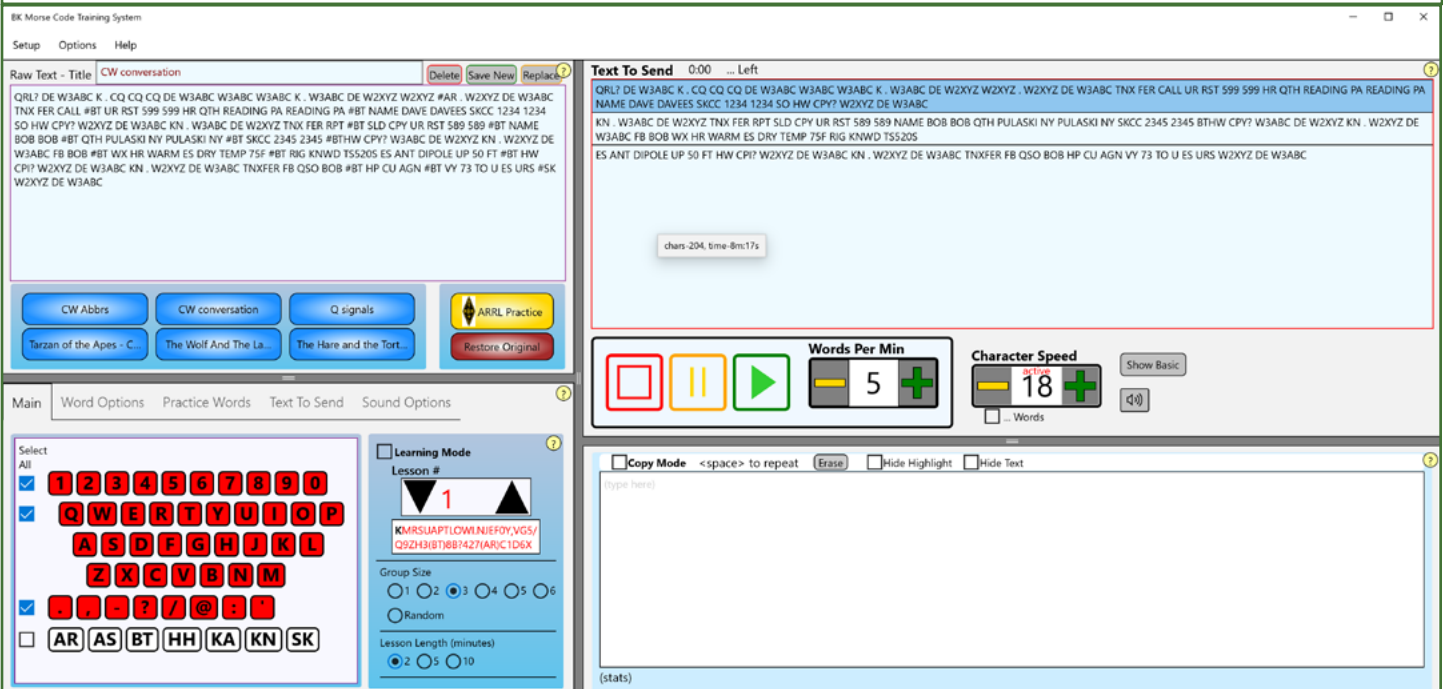
Your device must meet the following minimum requirements to use this product

Operating System: Windows 10 version 17763.0 or higher or an Xbox One

Hardware Required: x64 or x86 CPU, Keyboard, Mouse, 1GB of RAM, 1280 x 720 Graphics, Speakers

Available on-line at:

<https://www.microsoft.com/en-us/p/bk-morse-code/9nkzpv30x546?activetab=pivot:overviewtab>



BK Morse Code Training System

Morse Code Training System came about when I wanted to learn more Morse Code. I learned the basics, listened on the bands, but didn't get a lot of practice time.

I enjoy writing code in my spare time, so started writing a small program, which, as usual, soon blossomed into a bigger project.

Using Visual Studio, this program has been written for Windows 10 UWP (Universal Windows Platform). Currently it is only set up for running on a desktop; it has not been optimized/ configured for running on other devices.

Mike Quinn, K4TCE, elmer extraordinaire, has been especially helpful with reviews, ideas and encouragement for this program.

If you have any comments, bug reports, or suggestions, please let me know. Bob Krauth, NY4H - Support@BKMorseCode.com

BK Morse Code

Version: 1.0

Build: 74

Install Date: 7/29/2019

BK Morse Code Training System, Copyright © 2019

FCC Is ENCOURAGING NEW APPLICANTS TO GET FRN BEFORE TAKING THE EXAM

The Federal Communications Commission will be changing the way new amateur radio applicants register for a FCC Registration Number (FRN). New applicants, without a FRN, are encourage to first create a FCC User ID and FRN, before taking their examination. Providing the FRN, with your examination application will allow the Volunteer Exam Coordinators to submit your application with this information, you will be able to use your FRN to use ULS to search the status of your application, with the FCC.

<https://www.fcc.gov/rofrn>

ARRL 2018 ANNUAL REPORT Is Now Available



www.arrl.org/annual-reports

CEDARS OF LEBANON 39TH ANNUAL HAMFEST

The SMRC Hamfest will be on Saturday, August 24th @ 08:00, at the Cedars of Lebanon State Park, 5070 Murfreesboro Rd, Lebanon, TN 37090 (State Highway 231).

<http://www.smrcclub.com/content/articles/2019-smrc-cedars-lebanon-hamfest>



INTERNATIONAL LIGHTHOUSE AND LIGHTSHIP WEEKEND

The ILLW is the third full weekend in August which this year is 00.01 UTC 17th August to 2400 UTC 18th August 2019 (48 hours)

August has become the international weekend for lighthouses. Countries all over the world have become involved in one form or another of lighthouse activity. Some years ago, the United States Congress declared August 7th as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavor to contact each other. This event is known as the US National Lighthouse Week.

In Britain, the Association of Lighthouse Keepers, ALK, conducts International Lighthouse Heritage Weekend on the 3rd full weekend in August. Their objective is to encourage Lighthouse managers, keepers and owners to open their lighthouse or light station and related visitors centers to the public with a view to raising the profile of lighthouses, light vessels and other navigational aids, and preserving our maritime heritage.

<https://illw.net/>

HAPPY 150! THE HIRAM PERCY MAXIM BIRTHDAY CELEBRATION!

This year marks the 150th anniversary of the birth of the ARRL's first president and cofounder, Hiram Percy Maxim (HPM), W1AW. HPM was born on September 2, 1869. As they have done with earlier birthday milestones, ARRL is again holding an operating event to celebrate HPM's legacy.

Objective: This operating event is open to all amateurs, and the goal is straightforward: Find stations operating in the event, many adding "/150" to their call signs, and contact as many as possible during the 9-day celebration.

Time Period: The 9-day event begins 0000 UTC August 31 and runs until 2359 UTC September 8, 2019.

Eligibility: All amateur stations may participate. Who is eligible to use their "callsign/150"? W1AW and ALL ARRL members are eligible and will append /150 to their call sign during this event (this includes DX Stations who are ARRL members, who may operate as callsign/150 if permitted by the regulations of their country of license).

All bands (except 60, 30, 17 and 12 meters). All modes (voice, CW, and digital).

For more details, go to:

<http://www.arrl.org/hpm150-birthday-celebration>





If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at: K9ZT@COMCAST.NET.

WE STILL HAVE CLUB PATCHES FOR \$5



AUGUST CONTESTS

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

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

North American QSO Party, CW
ARRL 222 MHz and Up Distance Contest
Maryland-DC QSO Party
ARRL 10 GHz and Up Contest
North American QSO Party, SSB
ARRL Rookie Roundup, RTTY
Hawaii QSO Party
Kansas QSO Party
Ohio QSO Party

SPECIAL EVENTS STATIONS

www.arrl.org/special-event-stations

HUNTSVILLE HAMFEST

AUGUST 17: 9AM – 4:30PM

AUGUST 18: 9AM – 3PM

Von Braun Center South Hall

700 Monroe St SW, Huntsville, AL 35801

Grand Prize drawing will be Saturday at 4:00 PM and Sunday Main Prize at 2:00 PM (must be present to win for Sunday).



<https://hamfest.org/>

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)	<i>Not linked to Shout South</i>
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)	<i>Not on the Air</i>

Notes: