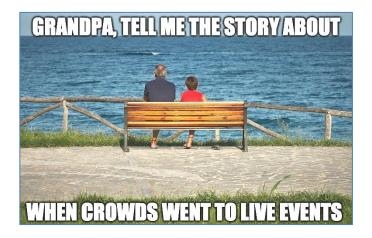


The April Club Meeting Will Be Held On the 146.955 Repeater & Zoom!



Please join us on the 146.955 (- 77Hz) repeater at 7pm on April 6th for our monthly club meeting. A Zoom video meeting will be held simultaneously. Check the SCARS Groups.IO calendar for meeting and link information.

The Silver Comet ARS Board of Directors has cancelled physical meeting gatherings at the Chamber building until further notice.

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The Silver Comet ARS Inc. a 501 (c) (3) Not for Profit Organization





<u>Prez Sez!</u>



Wow! What a year it has been! Just over one year ago I made my last trip to downtown Atlanta for a regular day in my office. The pandemic and other happenings in Atlanta have made me awfully glad I am not having to drive there anymore. Who would have ever predicted we would go through a year like this past one?

In addition to the loss of family members and health, the virus has also taken its toll on the Silver Comet Club and all of us hams as we have had to give up our

chances to get together in person. From club meetings, to ham fests, to State ARES events, it has been a tough year.

I am very proud of what our club has accomplished over the past year. Among the accomplishments are continuing license testing – both in person and virtual, participating in community events when they happened, serving our community and State with Skywarn nets, and participating in contests and nets.

I am also proud that we were able to adopt the tool (Zoom) that has allowed us to continue our monthly and weekly meetings. Not all of us have adopted Zoom, and I am afraid some have been left out of the virtual gatherings. Please join our virtual club meeting on April 6 on and the virtual SCARS Night Out net every Monday. It is not as good as face-to-face, but we need to see you on Zoom! If you have trouble with Zoom, reach out to someone in the club. If they cannot help they will help you find someone who can.

I am hopeful that we will be able to start meeting in person again very soon. As we consider that, we need to be sure we follow the guidance of our public health officials, and we need to be sure to include those who do not feel safe attending meetings. As we start back I think it is imperative that we use Zoom in our in-person meetings to include those who cannot be with us in person.

No information yet on when face-to-face meetings will return. But, let's all do what we can to stay healthy and look forward to that time when we can get together. Stay tuned and join us on Zoom!

Steve and I met with our field day planning committee, and we hope to have a full-blown June Field Day – just like always. More information to come on that, so get ready!

Finally, we still have a few long-term members who have not paid 2021 dues. Club activities may seem to have slowed down over the past year, but expenses have not. We have paid for insurance for our repeater equipment and for the club, we have had other operational and corporation expenses, and we renewed our membership in the Paulding Chamber of Commerce (so that we have a PLACE to meet when the time comes). It may seem that we haven't gotten much out of the club this year, but we need to keep things going and the club in the black so that we can come out strong once we are able to

<u> Prez Sez! (continued)</u>

meet in person. If you haven't paid your dues, please look for a recent email from our club secretary, James, and please pay your dues as soon as possible. Very soon we will be removing those who owe back dues from the club's roster. And, we don't want to lose a single one of you!

Happy Spring, everyone! Now, let's get severe weather and pollen season out of the way so we can get outside and put up antennas and resume life in some fashion that is much more normal than the past year!

Dan Ozment W4DTO - President, Silver Comet Amateur Radio Society

<u>Editor's Notes:</u>



Copies of past SKYWAVE newsletters can be found at the club website <u>http://www.silvercometars.com/newsletter.php.</u> Please submit your articles prior to the 25th of the month to <u>K4CGA.GA@gmail.com</u>

Chuck DuVall, K4CGA – Editor

<u> Monday – "SCARS Night Out" Net!</u>



Radio and Zoom check-ins begin at 7:00PM. It's fun and informative. On the 1st Monday of each month, a new technical subject will be introduced for discussion. Suggestions for Topics of Discussion are always solicited. You don't have to dress up because it's very informal and Troy K4JDA does

a great job as the moderator.

Please join us on the 146.955 (- 77Hz) repeater at 7:00pm and on Zoom. Check the SCARS Groups.IO calendar for meeting and Zoom link information.

SCARS Website: http://www.silvercometars.com/index.php

Send SCARS website corrections, comments, or suggestions to Troy (K4JDA) at troy.davis@hotmail.com

Mark your Calendar!

Apr 6th - Club Meeting Apr 10/11 – Comm Academy 2021 Apr 10/11 - Georgia QSO Party Apr 18th - Rookie Roundup (SSB) May 22/22 - Mobile AL Hamfest Jun 26/27 – ARRL 2021 Field Day Sep 24/25 – W4DXCC 2021 Convention



Glossary of Ham Radio Terms

What is the meaning of "TCXO" or "IRLP"? What about "Birdie" or "Knife Edge"? You may hear some of these terms being thrown around by the more seasoned hams, but what do they mean. If you have no idea or are looking for a Glossary of Ham Radio Terms, here are several good links for reference:

ICOM has provided a nice printable PDF booklet to assist you at: <u>https://www.icomamerica.com/en/amateur/amateurtools/HamRadioTerms-2011.pdf</u>

ARRL provides a nice reference section on their web site; <u>http://www.arrl.org/ham-radio-glossary</u>

The Ham Radio School has a nice printable PDF for reference at: <u>https://hamradioschool.com/wp-content/uploads/2014/04/common ham radio terms.pdf</u>

<u> ARRL 2021 Field Day Update!</u>

The 2021 SCARS Field Day planning committee consist of Everett KM4EOG and Stan K4SHW with Steve K4ELI on the side assisting.

<u>TENTATIVE</u> plans are to use FS7 in Yorkville for field day activities this year. However, this is subject to change. Additional information will be published in future newsletters and on SCARS Groups.IO and may be discussed in future meetings on Zoom or the repeater.

Send comments and questions to Everett KM4EOG Everett ekshooter@comcast.net

Georgia Hands Free Law & Amateur Radio

!!!! Newly licensed amateurs take notice !!!!

Georgia's Hands-Free Law took effect in July 2018, however there is still a lot of confusion by law enforcement as to how it applies to Amateur Radio. Actually, it is definitively described in Georgia Code, Title 40, Section 40-6-241.

Said title is further amended by revising *Code Section 40-6-241*, relating to driver to exercise due care and proper use of radios and mobile telephones allowed as follows:

(a) As used in this Code section, the term:

(1) 'Stand-alone electronic device' means a device other than a wireless telecommunications device which stores audio or video data files to be retrieved on demand by a user.

(2) 'Utility services' means and includes electric, natural gas, water, waste-water, cable, telephone, or telecommunications services or the repair, location, relocation, improvement, or maintenance of utility poles, transmission structures, pipes, wires, fibers, cables, easements, rights of way, or associated infrastructure.

(3) 'Wireless telecommunications device' means a cellular telephone, a portable telephone, a text-messaging device, a personal digital assistant, a stand-alone computer, a global positioning system receiver, or substantially similar portable wireless device that is used to initiate or receive communication, information or data. Such term shall not include a radio, citizens band radio, citizens band radio hybrid, commercial two-way radio communication device or its functional equivalent, subscription-based emergency communication device, prescribed medical device, amateur or ham radio device, or in-vehicle security, navigation, or remote diagnostics system.

<u>https://www.gahighwaysafety.org/highway-safety/hands-free-law/</u> <u>http://www.headsupgeorgia.com/handsfree-law/</u>



Your editor recommends you carry a copy of this document in any vehicle that you may have a radio installed or use an HT. Keep it in close proximity to your registration so you can readily retrieve it if it becomes necessary.

- K4CGA - Editor

<u> W4AEX - David Walk – Biography</u>

It all started here (Canoga Park, CA) around 1963. My father had an old vintage Zenith all band radio.



I listened with fascination to Radio Free America and other transmissions. Then, I came across some other transmissions, including Morse code. My dad said these were probably Ham operators. A friend of mines' brother also became interested as well and became my mentor (his father was an engineer). I had a receiver (of sorts) so all I need now is a transmitter. In April of 1963, my aunt bought me a Heathkit HX-11 transmitter for my 15th birthday. Wake up call; YOU NEED A LICENSE TO TRANSMIT!

I built a homebrew BFO (Beat Frequency Oscillator) to work with the all band radio so I could



Heathkit HX-11

Hammarlund HQ-129X

learn Code in order to get my Novice license. It didn't work very well but the following Christmas my aunt again came through and bought me a receiver(HO-129X) from our neighbor whom I had forgotten received his Novice several years earlier but became inactive.

About 6 months later, I got my Novice license (WN6LXX). I put up a 14-AVS 40-10 meter vertical and the fun began. I remember 40 meters was the band of choice back then with 15 during the daytime. I had 4 crystals on 40 and 2 for 15. In those days, as a novice, you could only use crystals for transmit frequency control; call CQ using a crystal and listen up or down from that frequency for a response. Today, we would call that "running split".



Being somewhat OCD, I operated every chance I got. My code speed improved to over 20 WPM so I added a "BUG" (semi-automatic mechanical keyer). I wanted to get my General so I could run AM (voice). Took the test

and to my great surprise, I FAILED THE CODE TEST, even though 13wpm was required and I was copying over 20. I was devastated and quit the hobby.

W4AEX - David Walk - Biography (continued)

I relocated to the Bay area (Cupertino, CA) about 10 years later to work in the semi-conductor industry. I dated a girl who later became an airline attendant and eventually relocated to Illinois. I remember seeing an HF antenna in the neighborhood. It occurred to me that maybe he could "phone patch" me into my girlfriend. Did that a couple of times and got excited about HR again.

I found out the code requirements hadn't changed but the test A 5 minute comprehensive message was sent, then a did. multiple choice test was given on the contents of the message; what a breeze, passed with no problem (N6BBH). On the way back home from the examination office (San Francisco), I was so excited, I stopped by HRO and bought a new Kenwood TS-820S Transceiver. Installed an MQ-1 min-quad on a 40 ft push up mast. Later, I bought a Wilson MT-61 tubular tower, a KLM KT-



34 beam and a Heathkit SB-221(w/10m mod) amplifier. Relocated back to S. Cal and again, to Oregon.



KLM KT-34

After a 30 year hiatus, while living in Oregon, I met a fellow ham who had been a missionary in South America, using his Kenwood TS-940SAT to phone patch to the home church. He offered me his radio for a ridiculous price; I couldn't resist.

Before we decided to relocate to GA, we looked for a place that would accommodate HR; I couldn't have asked for a much better QTH for HR. Change my call (K4BBH) and joined SCARS.

Installed a US Towers MA-550 55ft tubular crank-up tower, TA-63N (6M-20M), Diamond X300 (2M/440) vertical and R-9 Vertical (80M-6M).



Heathkit SB-221 w/10 M

Moselv TA-63N - 6 band beam

W4AEX - David Walk - Biography (continued)

About 2 years ago, I upgraded (Extra class) and recently changed my call (W4AEX). Replaced the Kenwood with a Yaesu FT-DX5000 transceiver and a SPE 2K-FA amplifier.

My favorite activities are contests, special events and working DX (255 countries confirmed), mostly on SSB and CW. Thanks for reading.



Yaesu FTDX5000, SPE Expert 2K-FA

73, David Walk – W4AEX(formerly K4BBH)

ARES Membership and Service

The Amateur Radio Emergency Service (ARES) is an entity of and operates under the auspices of the American Radio Relay League (ARRL). You are not required to exclude yourself or resign from membership in other emergency communication programs or activities because of your involvement in ARES.

The actual intent and spirit of ARES is meant to foster cooperative assistance and training with any formal or informal program or activity that assists or directly serves the common good in the community, county, state (AuxComm), federal entity (FEMA, MARS, etc.), or Volunteer Organization (ARC, SATERN, etc.). This cooperation with other EmComm entities is well documented on the ARRL web site.

There are, however, special purpose programs in ARES – Mutual Assistance Team, Strike Team, and Hospital network that have the expectation of commitment to service and engagement. Some of the EmComm roles are critical to the group's response in a real emergency. Successful and reputable response to a significant emergency is not possible without committed leaders and communicators. If critical personnel cannot meet the expectation of committed service, they should step down or be replaced.

David Benoist AG4ZR Section Manager, GA

The SCARS "VE" Corner

North Side:

In "The SCARS "VE" (Volunteer Examiner) Corner, This last month, March 9th, we tested 5 Candidates. Although two were from Piedmont, Alabama (I guess that they heard how noted the Silver Comet Test Group was in FCC Exams. Unfortunately, we did have two that failed... but will be back in April. The 5th Candidate did pass his Technician Class license and has joined our Club. He is: Terry Lada of Marietta. His call sign is KO4OIJ. We do hope to hear him in the coming months. It is with great honor and joy that I congratulate our Examiners: Stanley Whitfield – K4SHW; Bryan Bowie – KM4PEB; James Akey – KM4IKO, and Cheri Reynolds – K4TXA. Without their Professionalism and knowledge in these Exams, none of this would be possible. With this excellent activity of these VE's, they are perpetuating these fine qualities of The Silver Comet Amateur Radio Society.

John Reynolds – W4TXA

South Side:

For the March 4th session, at BHBC we tested 7 candidates. The result was 1 new Technician, and 6 Generals.

The Generals included KY4BN-Dianne's Mom, Comella-KO4OEC. She is probably the most senior candidate we have tested. She had a General 'back in the day' and passed her Tech with flying colors to regain that Classification. Dianne has helped her apply for her old call, which is still available.

KO4OEA Houston P McClurkan of Canton GA is the new Tech.

James sent out the list of the new club member names earlier. A couple of the Generals were already members, and there were 1-2 new ones.

VEs were:

Steve	K4ELI
James	KM4IKO
Stan	K4SHW
Dan	W4DT0



As John said, without these folks as VEs we cannot do this.

Steve Walls – K4ELI

SOTA, POTA, IOTA, GOTA...What ???

This is Ham Radio??? What are all these acronyms and what do they mean?

- SOTA Summits On The Air (Operating from mountainous locations)
- NPOTA Parks On The Air (Operating from designated National Parks)
- IOTA Islands On The Air (Operating from designated Islands)
- GOTA Get On The Air (Introduce the public to Amateur Radio on the air)
- JOTA Jamboree On The Air (Scouting Jamboree worldwide)
- YOTA Youth On The Air (Also Youngsters On The Air)
- NOTA NASA On The Air (Amateur Radio on the International Space Station)
- LOTA Lighthouses/Lightships On The Air
- ARES Amateur Radio Emergency Service
- APRS Automatic Position Reporting System
- ATV Amateur television (fast scan)
- IARU International Amateur Radio Union
- OSCAR Orbiting Satellite Carrying Amateur Radio
- RTTY Radio-teletype
- SSTV Slow-scan amateur television
- TNC Terminal Node Controller (Amateur Packet Radio)
- Many, Many More!

iPhone As A Panadapter?



Everett Keith KM4EOG has found a nifty way to use iSDR on a retired iPhone as a panadapter with his Elecraft KX3 transceiver. The process uses the buffered I/Q signals provided on the KX3.

The process is relatively simple if your transceiver has an I/Q (Inphase/Quadrature) port or direct access to buffered I/Q signals or provides easy access to the Intermediate Frequency (IF) signal.

Many modern transceivers are manufactured with this capability.

For more information: <u>https://apps.digitalconfections.com/?page id=760</u>

<u> "Slinky" Dipole Antenna For 40 – 10 Meters</u>



Remember the "**Slinky**"? Maybe you are not old enough or maybe this can refresh your memory.

The Slinky is a pre-compressed helical spring toy invented in the early 1940s. It has appeared in classrooms as a teaching tool, in wartime as a radio antenna, and in physics experiments with NASA.

In 1940, each Slinky was $2^{1}/_{2}$ " tall, and included 98 coils of high-grade steel, Today, Slinky's are made from most anything including Brass, Spring Steel, and even Plastic.

Toy? It started off that way, but as mentioned above, they do make nice antennas that can be used indoors (stealth) or outdoors (fixed or portable). You can buy them as a DIY antenna kit or just go buy the parts and put it together yourself, which may be more fun. The cost of a Slinky is super cheap; about \$3.00 and up. Oh, by the way, don't forget to buy the metal ones. The plastic ones do not receive or transmit signals very well. *–K4CGA, Editor*



For more information: <u>https://www.nonstopsystems.com/radio/frank_radio_antenna.htm</u> <u>http://www.klimaco.com/HAMRADIOPAGES/slinky_antenna.htm</u>

<u>Another Nice 2m Homebrew Antenna</u>



Notice the simple but very nice construction. Everything should be available at your local hardware store with the exception of the feedline or you may already have most of the parts required.

This antenna can be used indoors or outdoors at your discretion.

Designed by WI9LL, you can find the parts list and construction details at his website <u>https://wi9ll.com/2-meter-vertical-dipole-build/.</u> Looks like a fun project.

-K4CGA, Editor

What Is All That About?

Don't underestimate 17 meters - Lee WB4Q0J - DX CLUSTER Node since 2014

Well it started as I was looking at building an HF Beam i.e. Moxon 2 element Wire Beam. As we all know Steve K4ELI has lined up some Great Zoom meetings on Wire Antennas thanks Steve. So, I looked at 15 meters and as we know the Solar Cycle is getting better, BUT IT AINT THERE YET. 20 meters I was not interested in as it's just too crowded among other things. I love 30 meters, but a Beam would be too BIG and my Vertical does fine. So, I started looking at 17 meters and I was surprised. 15 meters could be dead but 17 is hopping. A Moxon Beam is not much larger than 15 meter one.

I looked at Vocap (thanks Larry K4LDC) and PSK Reporter to see propagation to our part of the world from Europe and the Pacific Rim. Well, guess what, Digital and Voice was cooking. During the last Big Contest I logged into a KiwiSDR remote site in Europe and the USA was rolling in on 17 meters. So I'm headed in that direction, a 17 meter Moxon. Look at something new on the band's and it may surprise you.

Have fun and remember on digital, watch your power level and ALC. Olivia 8/250 and 8/500 are great conversational Digital Modes on HF.

Check these resources for Propagation, Wire Antennas, Moxon Wire Beam Calculator, PSK Reporter, KiwiSDR and Olivia Digital Mode.

- <u>https://www.voacap.com/</u>
- <u>https://www.qsl.net/va3iul/Antenna/Wire%20Antennas%20for%20Ham%20Radio/Wir</u> <u>e antennas for ham radio.htm</u>
- <u>https://ac6la.com/moxgen1.html</u>
- <u>https://pskreporter.info/pskmap.html</u>
- <u>http://kiwisdr.com/quickstart/index.html#id-just-tell-me</u>
- https://groups.io/g/Olivia#:~:text=Olivia%20MFSK%20is%20an%20amateur.that%20of %20the%20digital%20signal!

- Lee WB4QOJ



<u> Ufer Ground – What The Heck Is That?</u>

The **Ufer ground** is an electrical earth grounding method developed during World War II that uses a concrete-encased electrode to improve grounding in dry areas.

During World War II, the U.S. Army required a grounding system for bomb storage vaults near Tucson and Flagstaff, AZ and conventional grounding systems did not work well in this location since the desert terrain had no water table and very little rainfall. The extremely dry soil conditions would have required hundreds of feet of rods to be driven into the earth to create a low impedance ground to protect the buildings from lightning strikes.

In 1942, Herbert G. Ufer discovered that concrete had better conductivity than most types of soil. Ufer then developed a grounding scheme based on encasing the grounding conductors in concrete. This method proved to be very effective, and was implemented throughout the Arizona test site.

Concrete has high pH and therefore has a ready supply of ions and provides a better electrical ground than almost any type of soil. Ufer found that the soil around the concrete became "doped", and its subsequent rise in pH caused the overall impedance of the soil itself to be reduced.

The concrete enclosure also increases the surface area of the connection between the grounding conductor and the surrounding soil, which also helps to reduce the overall impedance of the connection.

Ufer's original grounding scheme used copper encased in concrete. However, the high pH of concrete often causes the copper to chip and flake. For this reason, steel is often used instead of copper.

When homes are built on concrete slabs, it is common practice to bring one end of the rebar up out of the concrete at a convenient location to make an easy connection point for the grounding electrode. Ufer grounds, when present, are preferred over the use of grounding rods. The conductivity of the soil usually determines if Ufer grounds are required in any particular area.

The use of concrete enclosed grounding conductors was added to the U.S. National Electrical Code (NEC) in 1968.

Extracted from Wikipedia <u>https://en.wikipedia.org/wiki/Ufer_ground</u> - K4CGA, Editor

<u>Interesting Links</u>

New VARA HF v4.4.2 http://rosmodem.wordpress.com/

EchoLink 2.1.108 (Windows) is released https://secure.echolink.org/download.htm

Very Small VHF Loop Antennas (6m & 2m) https://www.vhfloop.com/

Equipment & Services That Pose Security Threat <u>https://www.fcc.gov/document/fcc-releases-list-equipment-services-pose-security-threat</u>

FLDigi Training Video On YouTube https://youtu.be/qcVriby29jw

Space Weather https://spaceweather.com/

ARRL Clubs - SILVER COMET AMATEUR RADIO SOCIETY, INC. http://www.arrl.org/Groups/view/silver-comet-amateur-radio-society-inc

Silver Comet ARS YouTube Channel https://www.youtube.com/channel/UCaL7UG0gkRJxV7lnTj_P3IQ/videos

Silver Comet ARS Website http://www.silvercometars.com/index.php

Silver Comet ARS – ARRL Clubs http://www.arrl.org/Groups/view/silver-comet-amateur-radio-society-inc/type:club

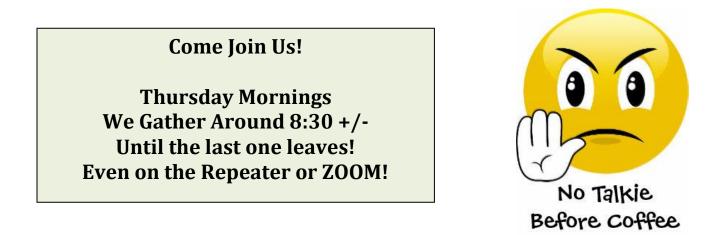
Silvercometars@groups.io|HOME https://groups.io/g/silvercometars

Decoding Digital RF transmissions from across the spectrum http://www.kd0cq.com/2013/07/sorcerer-decoder-download/

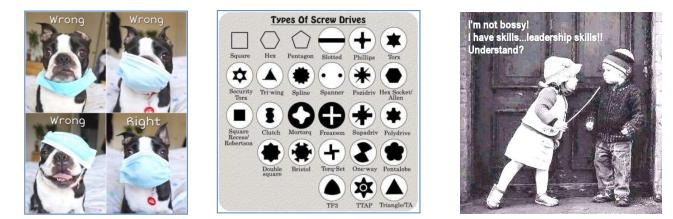
<u>Breakfast @.....</u>

Join us on the 146.955 repeater and on "ZOOM" on Thursdays @ 8:30am. In person gatherings are cancelled until further notice due to Covid-19 safety concerns! For "ZOOM" information, check the SCARS Groups.IO calendar.

Bring your own coffee and donuts or biscuits and gravy. No sharing allowed.



<u>Miscellaneous</u>



SCARS Community Food Drive!

COVID-19 has resulted in an unusually high demand for food products from our local Food Bank, *Helping Hands* in Dallas.

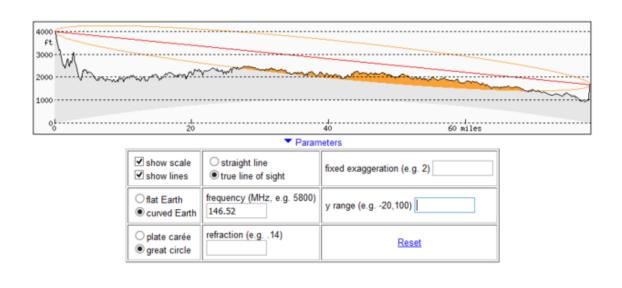
Your donations will be greatly appreciated by the recipients and you will feel better. PLEASE HELP ! It all adds up.

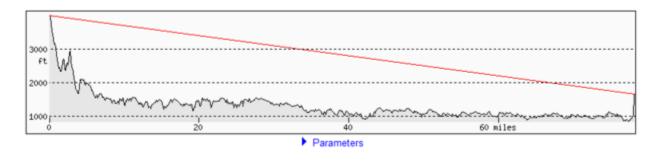


What's In The Way?

Are you planning a SOTA activation? How about participating in a UHF/VHF contest? Maybe you just want to know what is in the way of your direct line-of-sight signal.

Here is a free program that with help you out. <u>https://www.heywhatsthat.com/profiler.html</u>





Thanks to NFARL-KX4JN & Troy-K4JDA

Upcoming Special Events

Please look for K4ELI's weekly email notices regarding contest and special events on the SCARS Group.io reflector or visit the ARRL website at:

http://www.arrl.org/special_events/search/page:2/Date.start:2016-09-14/Date.end:2016-12-31/model:Event

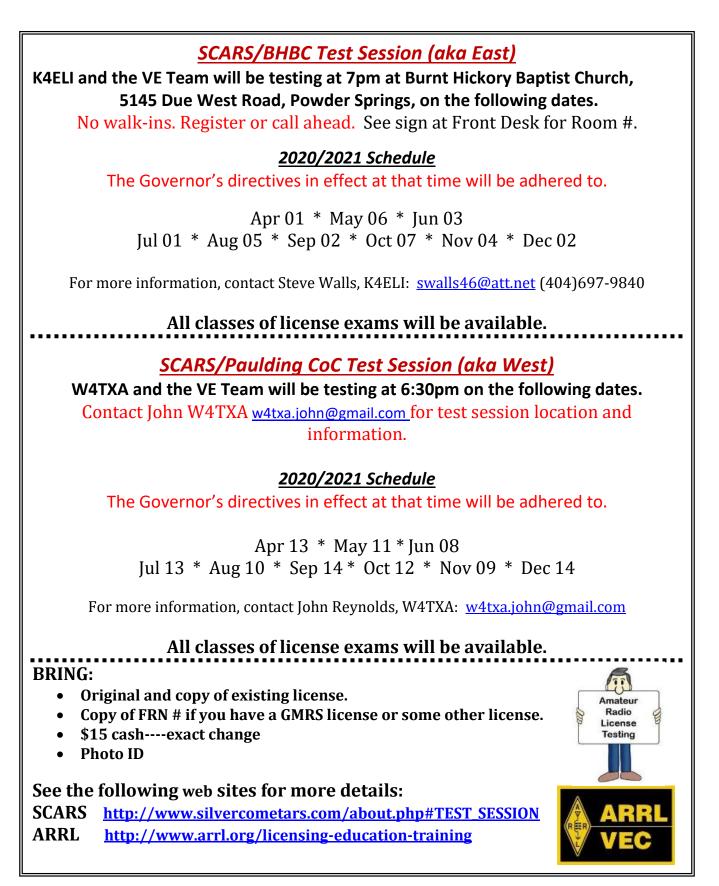
Contest & Special Events

2021 ARRL (Contest Dates			
January 2021	February 2021			
1 <u>Straight Key Night</u>	8-12 School Club Roundup			
2 <u>Kids Day</u>	20-21 International DX – CW			
2-3 <u>RTTY Roundup</u>				
16-18 January VHF				
March 2021	April 2021			
6-7 International DX- Phone	18 <u>Rookie Roundup – Phone</u>			
June 2021	July 2021			
12-14 June VHF	10-11 IARU HF World Championship			
19 <u>Kids Day</u>				
26-27 <u>Field Day</u>				
August 2021	September 2021			
7-8 <u>222 MHz and Up Distance Contest</u>	11-13 <u>September VHF</u>			
21-22 <u>10 GHz & Up – Round 1</u>	18-19 <u>10 GHz & Up - Round 2</u>			
22 <u>Rookie Roundup – RTTY</u>				
October 2021	November 2021			
18-22 School Club Roundup	6-8 <u>Nov. Sweepstakes – CW</u>			
23-24 <u>EME – 2.3 GHz & Up</u>	20-22 <u>Nov. Sweepstakes – Phone</u>			
-	20-21 EME - 50 to 1296 MHz			
December 2021				
3-5 <u>160 Meter</u>				
11-12 <u>10 Meter</u>				
19 <u>Rookie Roundup-CW</u>	Check your emails			
	for additional			
	contest and special			
	event activities			

Additional Contest Calendars

<u>http://www.contestcalendar.com//index.html</u> <u>http://www.cq-amateur-radio.com/cq_contests/cq_annual_contest_calendar/cq_annual_contest_calendar.html</u> http://ncjwecom/

SCARS Amateur Radio Licensing Schedule.



Silver Comet Amateur Radio Society									
	2021 Calendar								
:	** Don't forget our club breakfast every Thursday morning around 8:30am **								
	January	February	March	April	Мау	June			
Meeting 1st Tuesday Date/Time:	01-05-2021 7pm	02-02-2021 7pm	03-02-2021 7pm	04-06-2021 7pm	05-04-2021 7pm	06-01-2021 7pm			
Meeting Location	"On The Air" 146.955– 77Hz & "Zoom"	"On The Air" 146.955– 77Hz & "Zoom"	"On The Air" 146.955– 77Hz & "Zoom"	"On The Air" 146.955– 77Hz & "Zoom"	"On The Air" 146.955– 77Hz & "Zoom"	"On The Air" 146.955– 77Hz & "Zoom"			
Meeting Activity	Contest Station (K3UR) Owner DX Engr.	Toroids & Baluns (N4XL)	Which Ant. Is Best (K4ELI)	Weather (K4DMF)	SO2R Basics ((K4ELI)	Field Day Prep (FD Team)			
Additional Activities	TBD	TBD	TBD	GA QSOP	TBD	Field Day			
Hamfest & Conventions	TBD Lawrenceville TechFest	TBD Dalton, GA Orlando, FL (HamCation)	TBD Birmingham Ellijay, GA	TBD Mobile, AL Calhoun, GA	TBD Dayton, OH	TBD Atlanta, GA			
This calendar is "Subject to change". Submit change request to K4ELI Steve V2021.02									

Silver Comet Amateur Radio Society								
2021 Calendar								
** Don't forget our club breakfast every Thursday morning around 8:30am **								
	July	August	September	October	November	December		
Meeting 1st Tuesday Date/Time:	07-07-2021 7:30pm	08-04-2021 7pm	09-01-2021 7pm	10-06-2021 7pm	11-03-2021 7pm	12-01-2021 7pm		
Meeting Location	"On The Air" 146.955– 77Hz & "Zoom"							
Meeting Activity	ТВА	TBA	ТВА	TBA	ТВА	ТВА		
Additional Activities	TBD	TBD	TBD	TBD	Club Elections	Christmas Party TBD		
Hamfest & Conventions	Cancelled	Cancelled	Cancelled	Cancelled	Cancelled	Cancelled		
This calendar is "Subject to change". Submit change request to K4ELI Steve								
V2021.00								



SILVER COMET AMATEUR RADIO SOCIETY, INC.

CONTACT US:

Groups.io Request: <u>SilvercometARS@groups.io</u>

> Repeater: 146.955 (-) (77hz)

Contact: Club President Dan Ozment, W4DTO

Email: dan@ozment.net

SILVERCOMET ARS, INC. PO BOX 1873 HIRAM, GEORGIA 30141