



The Prez Sez

Last month James Akey and I were so fortunate to be asked to head up a multi club VE test session for the IEEE Convention held in Atlanta. With a little over 1,400 attendees, we had a nice sampling of men and women from all over the world. James even got to speak to one candidate who was from Russia. From both our test sessions and from the A.R.R.L. booth, we were able to present to a very large group of technically oriented people what Amateur Radio was all about. Although each of us have on own little corner of Ham Radio to boast about... DXing; Contesting; Ragchewing; ARES; Equipment and so forth, helping to bring new people into this hobby is GREAT and should be one of our paramount goals. On to a more intimate note for our club, I would like to send out our Christmas Greetings for this year. The Silver Comet Amateur Radio Society will be celebrating our annual Christmas Dinner on Tuesday, December 17th at 7:00 PM at Rodney's BBQ. There will be more about this later.

John Reynolds - W4TXA
President - The Silver Comet Amateur Radio Society

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PS: As I write this, I had just talked to our friend Bryan Bowie (KM4PEB) in China.

W4RSC "Radio Silver Comet"

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



Editor's Notes:



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

Chuck K4CGA, Editor

Monday – “SCARS Night Out” Net!

Check-in begins at **7:30PM**. A new dimension has been added to our Monday night net. Once a month (1st Monday), we will introduce a new subject for technical discussion. Suggestions for Topics of discussion are solicited. Look forward to hearing from you. It's fun and informative.

SCARS Community Food Drive!



How can SCARS help? Bring food!

Please continue to bring an item or two to our monthly meetings. These items will be delivered in the next couple of days to one or more of the local community food banks and are greatly appreciated by the recipients.



Mark your Calendar!



Aug. 6th – SCARS Club Meeting
Aug. 17th & 18th - Huntsville Hamfest
Sep. 2nd - GRITS Bike Ride & Labor Day
Sep. 2nd - Labor Day
Sep. 20th & 21st W4DXCC Conference
Sep. ??? - Club Fall Family Picnic
October 01 - 30 – SCARS AM Band DX Contest
Nov. 8th - SCARS On-The-Air Reunion

SCARS Fall Family Picnic – Location Needed!

It's that time again. Fall is fast approaching and smells of charcoal fires and BBQ sauce are in the air. That means the Annual SCARS Fall Family Picnic is getting close.

This year, we are in need of a suitable location that will be enjoyed by the entire family and convenient to all. Put on your thinking headphones and make a suggestion at the meetings or email our president, John W4TXA.

The club usually provides the hotdogs, burgers and cold water with the attending members providing side dishes (coleslaw, potato salad, beans, chips, ketchup, mustard, onions, lettuces, pickles, desert and etc.), and your favorite liquid refreshment.

We also need a volunteer to organize this annual event. Please consider volunteering or assisting in securing an event location.



W4DXCC Convention in Pigeon Forge Sept. 20-21

W4DXCC DX and Contest Convention is an amateur radio conference held annually in September in Pigeon Forge, TN. and welcomes Hams from around the world. This event is a place where all Hams can come and enjoy fellowship with other Hams for several days each year and learn new stuff at the same time.

Top equipment manufacturers and suppliers to be on hand to allow each attendee access for one on one demonstration. A **Ham Radio Bootcamp** is a daylong Ham training session for new and seasoned amateurs alike. Experienced amateurs guide the inexperienced on how to setup and work their stations. Sessions on "Working DX" and "How to Contest" will also be presented. This is a must see.

For more information, go to: <http://www.w4dxcc.com/w4dxcc-convention.html>

SCARS On-The-Air Reunion!

The **1st Annual SCARS ON-THE-AIR Reunion** is currently scheduled to commence on the 8th of November 2019. This club sponsored event with the goal of working as many SCARS Members and Non-Members as possible on as many bands and modes as possible.

There are 3 operating sessions throughout the weekend:

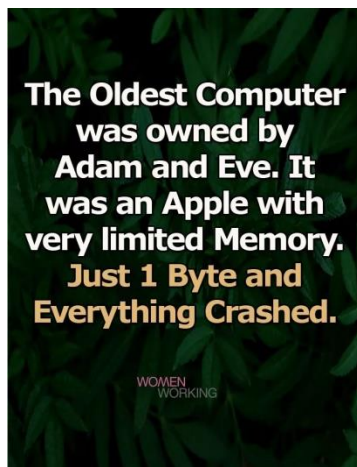
- Friday - (11/8), 8PM-11PM EDT (0000Z-0300Z)
- Saturday - (11/9), 4PM-7PM EDT (2000Z-2300Z)
- Sunday - (11/10), 4PM-7PM EDT (2000Z-2300Z)



The purpose of this event is to promote comradery among club members, both current and past, and to encourage our members to get "On-The-Air". In addition, this event will provide an introduction to basic contesting practices just for fun, and expose the rest of the ham radio world to the activities of the Silver Comet ARS.

Event instructions, suggested frequencies, rules, and logs are being finalized and will be published in a future addition of the SKYWAVE newsletter, silvercometars@group.io and on the club website www.silvercometars.com.

Please join us **ON-THE- AIR** for the 1st Annual SCARS OTA Reunion



Coming Soon To A Radio Near You!

**The SCARS 5th Annual AM Broadcast Band DX Contest starts
0001-UTC on 01 October 2019 and ends 2359-UTC on 31 October 2019.**



This contest is a local “just for fun” club contest that lasts for a whole month. That gives everyone a chance to participate. Prizes such as a paper certificate, used batteries, worn out tubes and a nice trophy custom made, one of a kind trophy (on loan) is awarded.

DXing the AM Radio Broadcast Band is like mining for gems. The AM broadcast band covers 540 kHz to 1700 kHz and you can hear stations from hundreds and even

thousands of miles away at night using an ordinary household or auto AM radio or your ham radio.

This is a contest and is based on the honor system of logging your contacts. What makes it fun is listening to the different announcer dialects and mannerisms, the different and sometimes unique or funny product advertisements, and the perceived target audience.

The winner will be determined by the total number of completed “*unique*” station entries and will be announced at the November meeting. The winner’s prize has yet to be determined but your name will be added to the trophy if we can get it back from the last winner.

In case of a tie, *Rock, Scissors, Hammer* will determine the winner. As you can see (or hear) this contest is pretty simple. Join in this fun filled event.



See last year’s rules on our website: www.silvercometars.com. Additional information will be available at our September meeting and will be posted to Silvercometars@groups.io in the coming months.

New Call Sign

Congratulations to **Stan Whitfield** (formerly KN4MVZ) on obtaining his new vanity call sign **K4SHW** representing his initials. Much easier to say and remember than the old one.

Antenna Problems – Maybe A Balun Can Help?

BEST SERVICE. BEST WARRANTY. BEST VALUE. NO ONE BEATS LDG! CONTACT YOUR FAVORITE DEALER TODAY!

WHERE TO USE LDG BALUNS & UNUNS

Not sure which balun or unun is right for your antenna? See our handy chart below to help you determine which is the best fit for your set-up. All LDG baluns and ununs handle up to 200 Watts PEP and cover frequencies from 1.8 to 30MHz. Visit us at www.ldgelectronics.com or see your favorite dealer today to learn more and to see our full line of products.

\$30 ea. | 200 Watts PEP | 1.8-30MHz

DIPOLE
Length = $468/\text{freq}$

LADDER LINE/TWIN LEAD

18' THRU 43' VERTICAL

GROUND PLANE

END FED WIRE
30' - 135'

1:1 Choke Unun

410-586-2177 | support@ldgelectronics.com | www.ldgelectronics.com

Not a SCARS sponsor, just good info provided by K4LDG.

Emergency Alert System Test On Aug 7

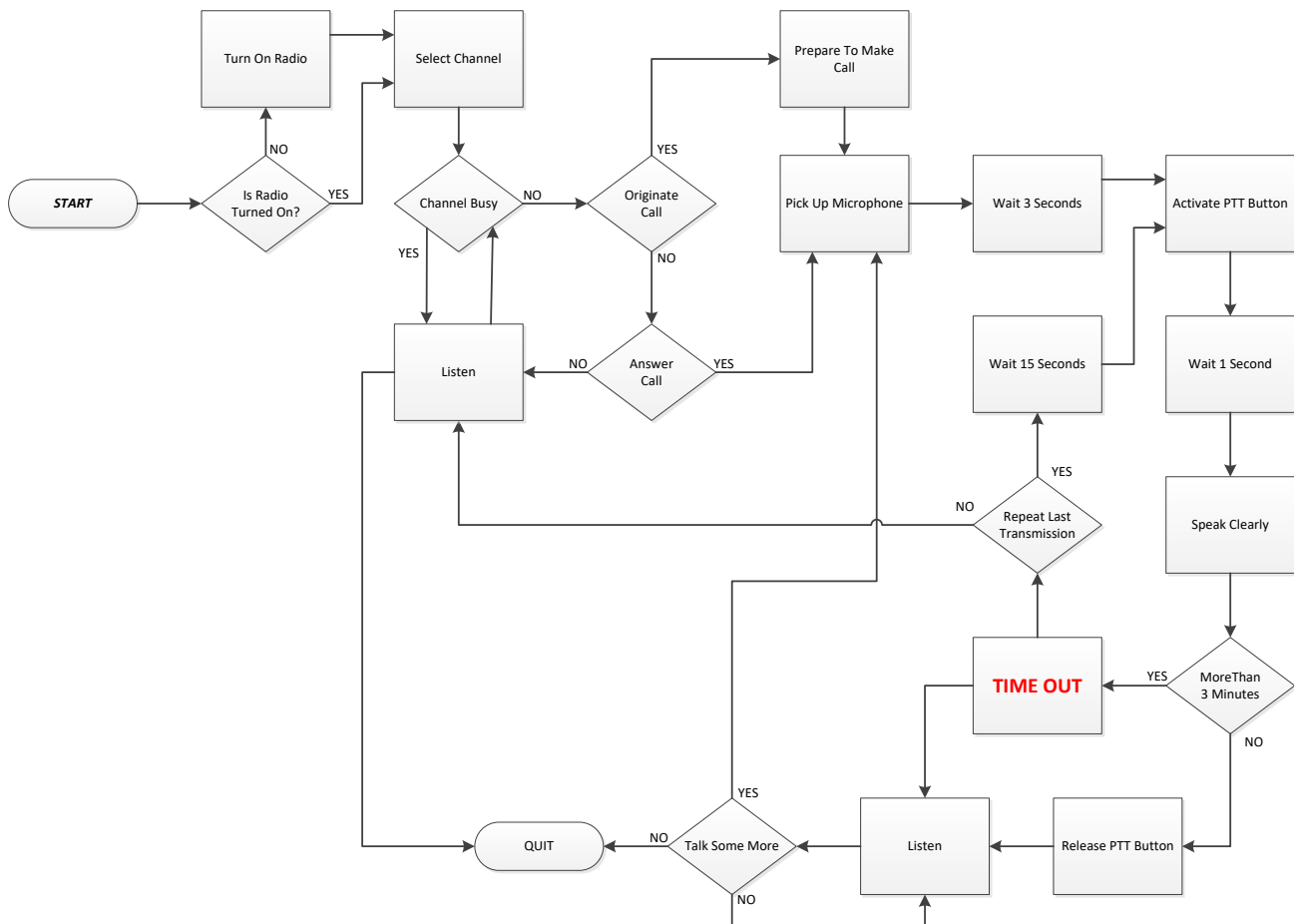
North & Central Georgia EM Partners, FEMA, in coordination with the Federal Communications Commission (FCC), will conduct a national test of the Emergency Alert System (EAS) on Wednesday, August 7, 2019, at 2:20 PM EDT. The test will assess the system's readiness to distribute an emergency message nationwide.

Currently, they are also planning to conduct the normal Routine Weekly Test (RWT) over NOAA All Hazards Radio between 11-11:30 AM on that same day, August 7. If plans change, or severe weather is expected or ongoing, they will postpone the RWT.

Don't worry, just be ready.

Ruth-WA4MDQ

How to use your microphone!

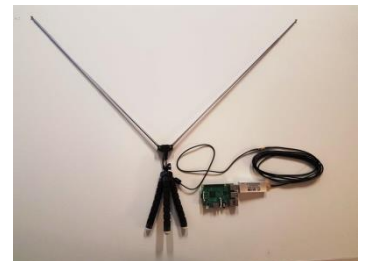


Use your microphone wisely. Remember, you are a Professional Amateur Radio Operator!

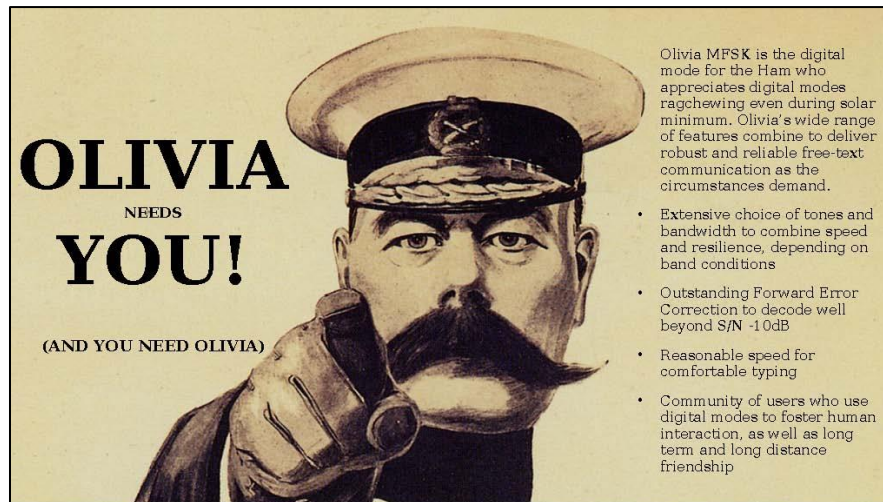
Pictures From Space Using A PI!

Have you ever wanted to receive a radio signal from space?
It's fun and a lot easier than you might think!

The International Space Station (ISS) has a long history of transmitting SSTV pictures for global events, each lasting several days, where people the world over tune their radios to the ISS and try to receive the pictures every time it flies over their home. For more information: <https://www.raspberrypi.org/magpi/pictures-from-space-via-ham-radio/>



Olivia Revisited!



For more information on the Olivia Digital Mode: contact WB4QOJ or visit one of the following web sites:

<https://www.sigidwiki.com/wiki/Olivia>
[https://en.wikipedia.org/wiki/Olivia MFSK](https://en.wikipedia.org/wiki/Olivia_MFSK)
<http://www.oliviamode.com/>
<http://hflink.com/olivia/>

ITTY - What Is That?

ITTY stands for **Internet Teletype**. With today's streaming audio over the Internet, George, W7TTY came up with a scheme that allowed him to broadcast teletype news over the Internet 24 hours per day, 7 days per week. Paul, W2TTY, has continued operation of George's original system.

The receiving address is <http://internet-tty.net:8000/ITTY>.

So what's different about ITTY? Well, for one thing, the user community is able to submit material to the transmit queue using simple E-Mail (SMTP protocol) or a special RTTY Mailer Application from Bill, K7TTY. News broadcasts are now possible from every point in the world.

For more info: <https://www.rtty.com/itty/index.htm>

Everyone stop laughing!



Everyone stop Laughing!
I am in a lot of pain!

“Anyway, packed it in early Saturday and got to installing the Lazy H. Dang, every step was hard work in the steamy sweltering heat. 100 mosquito bites and two wasp stings later I eventually decided to remove another large tree to clear enough branch free space and the little swine decided to spite me with its last breath of CO2 and fall the wrong way, taking out my G5RV in the process. Ahhhh! ☹️

I had the foresight to loosen the rope, so it was not damaged but was completely pinned under a ton of tree trunk and branches, so many hours of chain sawing and clipping and dragging debris to clear the mess and rescue the old antenna.

So, anyway (this is becoming a novel!) next tried to shoot some fishing line up for the new antenna using a slingshot, as everyone else seems to be able to do with ease! First shot I smashed a fishing weight into my thumb! Ouch X 10!

Took a while before I worked up the nerve to try that again and now had 100 foot of tangled line to boot! Brought up not so fun memories of attempting fishing in my youth!

To cut a long sad story short, the best I could manage was about 30ft with this methodology, so getting to the regulatory 66ft is impossible with my current equipment and level of skill. I have seen people using gunpowder powered devices to launch cables 100ft, but can only imagine the carnage when that goes wrong!!”



It's not a thumbs up,
I just can't bend it!

Neale Weitzmann, N4MNW

Editor's Note: Due to a similar incident that occurred at the SCARS Field Day event involving your editor, I felt obligated to print this excerpt from an email communication between Neale N4MNW and Steve K4ELI who copied me. Thanks Steve!

Blue Lightning - Not Something You Drink!

Steve K4ELI, Larry K4LDC and your editor, Chuck K4CGA, had the privilege of attending the Etowah Valley Amateur Radio Club (EVARC) meeting in July and were thoroughly entertained by guest speaker **Hal Kennedy, N4GG**, from Woodstock.

Hal, an accomplished speaker and presenter, educated the attendees with a very informative history of the origin of wired and wireless communications. Wow, what a history lesson.



Hal brought his home-built replica spark gap transmitter ***"Blue Lightning"***, an authentic 1910 ½Kw (500W) synchronous rotary spark gap transmitter and put on an amazing demonstration of the original Wireless method of communications.

The attendees were then invited to demonstrate their CW skills using the "Spark Gap". Among the half dozen or so takers, Steve K4ELI showed off his newly acquired CW skills and did quite well. Congrats Steve. I gave it a try as well at a little higher speed and can attest to the fact that it is different than a Yaesu. Those old spark gap operators had to be really disciplined and skilled to make it readable.

Overall, Hal's presentation was an attention getter and he certainly had my attention.

Some of you may remember Hal's September 2018 ***"37:1 SWR, That's Not Bad"*** presentation to the Silver Comet ARS. Hopefully we can get Hal back with another one of his fascinating presentations.

Chuck K4CGA

Field Day Cookout Recipes!



Again, thanks go to Cheri – K4TXA for providing such wonderful side dishes to go with our Hot Dogs and Burgers at the Field Day Cookout. She spent a lot of hours the night before in the kitchen preparing a feast for all of us to enjoy.

Due to the many requests for her recipes, your editor (who never passes up good food), has decided to publish a few of them.

Cheesy Potatoes

- 1 can (22.6 oz.) or 2 cans (10.5oz) Cream of Chicken soup
- 2 cups Shredded Mild Cheddar Cheese
- 1 pkg. (approx. 28 oz.) Shredded Hash Brown potatoes
- 1 cup (16 oz.) Sour Cream
- Panko Bread Crumbs (Optional)

Mix all ingredients together and place in a 9x13 inch pan. Sprinkle top with cheese and Panko. Bake at 350 degrees for 1 hour if hash browns are thawed. Bake for 1 ½ hours if hash browns are frozen.

Green Bean Casserole

- 2 cans (14.5 oz.) French Cut Green Beans
- 2 cans (10.5 oz.) Cream of Mushroom soup
- 1 Lg. pkg. (6 oz.) Crispy Fried Onions

Layer in pan. Green Beans first, then Soup, then Onions then Repeat.
Bake at 350 degrees for 45 minutes.

Fruit Salad

Very Important: Must be mixed together at least 12 hours prior to serving!

- 2 cans (15 oz.) Fruit Cocktail
- 1 Jar (8 oz.) Cherries (cut in half)
- 1 can (15 oz.) Mandarin Oranges (cut in half)
- 1 can (8 oz.) Crushed Pineapple
- 1 bag (10 oz.) Mini-Marshmallows
- 1 cup (16 oz.) Sour Cream

Drain all fruit! Combine all ingredients in a large bowl. Refrigerate for 12 hours, stirring occasionally.

Interesting Links to visit!

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>

Airspy, a High Quality Approach to Software-Defined Radio & Nifty Software

<https://airspy.com/>

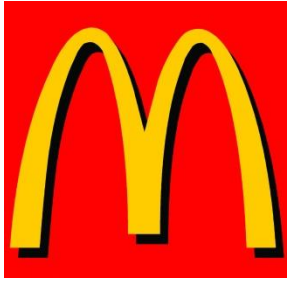


Just like teenagers, talking to each other.



First day of school!

Breakfast @.....



Come join us for casual conversation, informal Q&A, problem solving and occasional humiliation at the McDonalds in Hiram (in front of WalMart).

It has a variety of food, is reasonably quick, has decent prices, and is convenient to the majority of the club members.

Visitors, spouses and friends are welcomed.



Come Join Us!

**Thursday Mornings
We Gather Around 8:30 +/-
Until ??????**

Recent SCARS Website Updates:



<http://www.silvercometars.com/index.php>

- [Event Photos](#) page updated with:
 - SCARS Field Day 2019 Photo's.
 - July 4th Breakfast gathering Photo.

Send SCARS website corrections, comments, or suggestions to K4LDC (Larry) at K4LDC@arrl.net

Contest & Special Events

2019 ARRL Contest Dates - Ver B – 2 November 2019

January 2019 1 <u>Straight Key Night</u> 5 <u>Kids Day</u> 5-6 <u>RTTY Roundup</u> 19-21 <u>January VHF</u>	February 2019 11-15 <u>School Club Roundup</u> International 16-7 <u>DX – CW</u>
March 2019 2-3 <u>International DX- Phone</u>	April 2019 14 <u>Rookie Roundup – Phone</u>
June 2019 8-10 <u>June VHF</u> 15 <u>Kids Day</u> 22-23 <u>Field Day</u>	July 2019 13-14 <u>IARU HF World Championship</u>
August 2019 3-4 <u>222 MHz and Up Distance Contest</u> 17-18 <u>10 GHz & Up – Round 1</u> 18 <u>Rookie Roundup – RTTY</u>	September 2019 14-16 <u>September VHF</u> 21-22 <u>10 GHz & Up - Round 2</u> 21-22 <u>EME - 2.3 GHz & Up</u>
October 2019 21-25 <u>School Club Roundup</u> 19-20 <u>EME - 50 to 1296 MHz</u>	November 2019 2-4 <u>Nov. Sweepstakes – CW</u> 16-18 <u>Nov. Sweepstakes – Phone</u> 16-17 <u>EME - 50 to 1296 MHz</u>
December 2019 6-8 <u>160 Meter</u> 14-15 <u>10 Meter</u> 15 <u>Rookie Roundup-CW</u>	

Additional Contest Calendars

<http://www.contestcalendar.com//index.html>

http://www.cq-amateur-radio.com/cq_contests/cq_annual_contest_calendar/cq_annual_contest_calendar.html

<http://ncjwecom/>

Upcoming Special Events

Please look for K4ELI's 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

SCARS V.E. ACTIVITIES

SCARS/BHBC Test Session (aka East)

K4ELI and the VE Team will be testing at 7pm at Burnt Hickory Baptist Church, 5145 Due West Road, Powder Springs, on the following dates:

2019 Schedule

Jan 10 Feb 7 Mar 14 Apr 4 May 2 Jun 6
Jul 11 Aug 1 Sep 5 Oct 3 Nov 7 Dec 5

Please check the ARRL website for changes or corrections.

For more information, contact Steve Walls, K4ELI: swalls46@att.net

SCARS/Paulding CoC Test Session (aka West)

W4TXA and the VE Team will be testing at 6:30pm at the Paulding County Chamber of Commerce, 455 Jimmy Campbell Pkwy (Hwy 278), Dallas, on the following dates:

2019 Schedule

Jan 8 Feb 12 Mar 12 Apr 9 May 14 Jun 11
Jul 9 Aug 13 Sep 10 Oct 8 Nov 12 Dec 10

For more information, contact John Reynolds, W4TXA: john-w4txa@comcast.net

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All classes of license exams will be available.

BRING:

- Original and copy of existing license.
- Copy of FRN # if you have a GMRS license or some other license.
- \$15 cash----exact change
- Photo ID

See the following web sites for more details:

SCARS http://www.silvercometars.com/about.php#TEST_SESSION



Silver Comet Amateur Radio Society
2019 Calendar

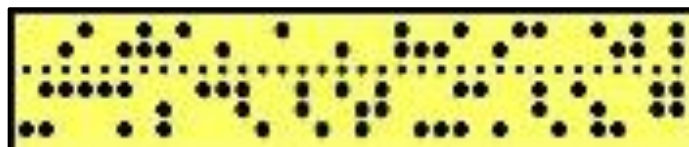
**** Don't forget our club breakfast every Thursday morning around 8:30am ****

[illegible]

Silver Comet Amateur Radio Society
2019 Calendar

**** Don't forget our club breakfast every Thursday morning around 8:30am ****

	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>
Meeting 1st Tuesday Date/Time:	07-09-2019 7pm	08-06-2019 7pm	09-03-2019 7pm	10-01-2019 7pm	11-05-2019 7pm	12-03-2019 7pm
Meeting Location	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg
Meeting Activity	Remote Operation (W4DTO)	GIS Mapping Program for Amateurs	V.E Work & Adv. Licensing (W4TXA)	HF / VHF / 160 Band Work (TBD)	Hint & Kinks The Basics Pt1 (K0CZR)	Hint & Kinks The Basics Pt2 (K0CZR)
Additional Activities	TBD	TBD	Club Fall Picnic	AM DX Contest	Club Elections	Christmas Dinner
Hamfest & Conventions	Cullman, AL	Huntsville, AL	SEDEC DX	La Grange, GA Chattanooga, TN Rome, GA	Lawrenceville GA Montgomery, AL.	
This calendar is "Subject to change". Submit change request to W4TXA John.						
V2019.07						



W4RSC

Paulding County, GA - EM73 - ITU Zone: 8

Silver Comet Amateur Radio Society, Inc.

PO Box 1873

Hiram, GA 30141

www.silvercometars.com





STATION	Confirming QSO				Pse QSL <input type="checkbox"/> Tnx QSL <input type="checkbox"/>		
	DAY	MONTH	YEAR	UTC	MHz	RST	MODE

SILVER COMET AMATEUR
RADIO SOCIETY, INC.

CONTACT US:

Groups.io Request:
SilvercometARS
www.silvercometars.com
146.955 (-) (77hz)

Contact: *Club President*
John Reynolds, W4TXA

Email:
John.W4TXA@gmail.com

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