



## The Prez Sez

Here we are in July and we have just had one of the most... No, make that **THE** most successful Field Day ever. The weather cooperated fairly well, the bands were... well, let's not go there. We had 50 % of our club participated. That is great!

Even though I am a little biased, I must say that the food was the icing on the cake. So, now that we are in July, our next meeting will be postponed one week since The Chamber is being painted on July 2nd. We will have our next meeting at 7:00 PM at the Paulding Chamber on July 9th. Like we did last time, we will be doing some VE Testing from 6:30 PM and then our general meeting at 7:00 PM.

This month's presentation will be on remote operations. Given by our very own W4DT0.

## In This Issue

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John Reynolds - W4TXA

President - The Silver Comet Amateur Radio Society

# **W4RSC "Radio Silver Comet"**

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



## **Editor's Notes:**



Suggestions and submissions are solicited and greatly appreciated. Copies of past SKYWAVE newsletters can be found at the club website <http://www.silvercometars.com/newsletter.php>.

*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 (1<sup>st</sup> 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.

**73's David Walk – K4BBH**

## **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.



## **Ouch!**

Many of our members or family members are experiencing various medical or family issues. For privacy reasons and since we have a large number, we will not list any names.

**NEXT MEETING: Tuesday, July 9th**

# *Your Leadership!*

## Club Officers



**PRESIDENT**  
John Reynolds  
W4TXA



**VICE PRESIDENT**  
James Akey  
KM4IKO



**Secretary**  
Rick Bowhall  
K4ZMW



**TREASURER**  
Dave Fuller  
K4DMF

## Board of Directors



Dan Ozment  
W4DTO  
2018 & 2019



Larry Crichton  
K4LDC  
2018 & 2019



Chuck DuVall  
K4CGA  
2018 & 2019



Cheri Reynolds  
K4TXA  
2019 & 2020



James Akey  
KM4IKO  
2019 & 2020

## Committees & Other



**Chairman  
Special Events**  
Dave Walk  
K4BBH



**Chairman  
Field Day**  
James Akey  
KM4IKO



**RF Elmer &  
Contest Chair.**  
Steve Walls  
K4ELI



**Digital Elmer**  
Ron West  
WB3ILX



**Repeater  
Co-Owner  
Trustee**  
Lee McDaniel  
WB4QOJ



**Repeater  
Co-Owner  
Maintenance**  
Neal Griggs  
KC4YCM



## **Member Newz – K4ELI!**



On Wednesday 6/19, SCARS member K4ELI - Steve Walls daughter's home in Chickamauga caught fire and burned down. Their belonging were a total loss including, all their clothes, furniture, toys, photos and memories.

They operate Camp New Dawn, a Christian Camp, and it is really challenging to deal with this disaster and keep the camp up and running for their guest. Your thoughts and prayers for strength to help them make it through this challenge is greatly appreciated. If you wish to donate, go to this link:

[Click here to support Chandler Family Fire Support Fundraiser organized by Rachael Kulick](#)

As Editor, my apologies go to Steve K4ELI for failure to recognize a major achievement in his Amateur Radio career. Steve successfully completed his CW Academy Level I training for Morse Code sending and receiving in February 2019. Congratulations Steve and many of us look forward to working you on the air.





# **Field Day 2019 –Here & Gone!**



2019 ARRL Field Day

June 22-23.

**Boy, that was Fun!**



(L>R) K4MWC, K4LDC, K4ZMW, KM4IKO, WB3ILX, W4TXA, KN4MVZ, N4OJE & W4DTO

The Silver Comet ARS 2019 Field Day event is over and what a success. Although the band conditions were not really favorable, plenty of contacts were made and club participation was excellent. The fellowship and food was even better.

The Field Day committee would like to thank all participants for their time and effort in setting up, tearing down, providing equipment, antennas, cables, food and moral support.

The committee would like to extend a special thank you to the PC ARES group, Dan W4DTO & Ron WB3ILX, for providing the generator for our power and the ARES trailer for our guest to tour and our operators to cool off.

A gigantic thank you goes out to Cheri K4TXA for providing snacks and goodies during our operations and a feast for our cookout, and to Grill Master Rick K4ZMW for his skills in preparing the dogs and burgers at the conclusion of the event.

# **Field Day 2019** *(continued)*

## **W4RSC's Contest Summary Report for ARRL-FIELD-DAY**

Created by N3FJP's ARRL Field Day Contest Log  
Compiled by Larry - K4LDC, contest server admin.

Total Contacts = 456

Total Points = 720

Operating Period: 2019/06/22 18:07 - 2019/06/23 17:23

### **Total Contacts by Operators Logged On:**

<b>Operator</b>	<b>Total</b>	<b>Operator</b>	<b>Total</b>
-----	-----	-----	-----
K4ZMW	155	K4LDC	15
K4CGA	60	K4BBH	13
KM4VTE	48	N4OJE	8
AI4RJ	36	K4MWC	7
KN4MVZ	33	W0BFG	6
KM4IKO	26	KN4IEP	3
K4JDA	25	WB3ILX	2
KN4CQJ	18	KN4MVW	1

### **Total Contacts by Band and Mode:**

<b>Band</b>	<b>CW</b>	<b>Phone</b>	<b>Dig</b>	<b>Total</b>
----	--	-----	---	-----
80	5	0	0	5
40	52	106	120	278
20	22	76	63	161
15	0	7	2	9
10	0	3	0	3
	--	-----	---	-----
<b>Total</b>	<b>79</b>	<b>192</b>	<b>185</b>	<b>456</b>

Total Grids Worked: 70

Total States/Prov. Worked: 52

Total Continents Worked: 3

Total CQ Zones Worked: 7



## **Field Day 2019** *(continued)*

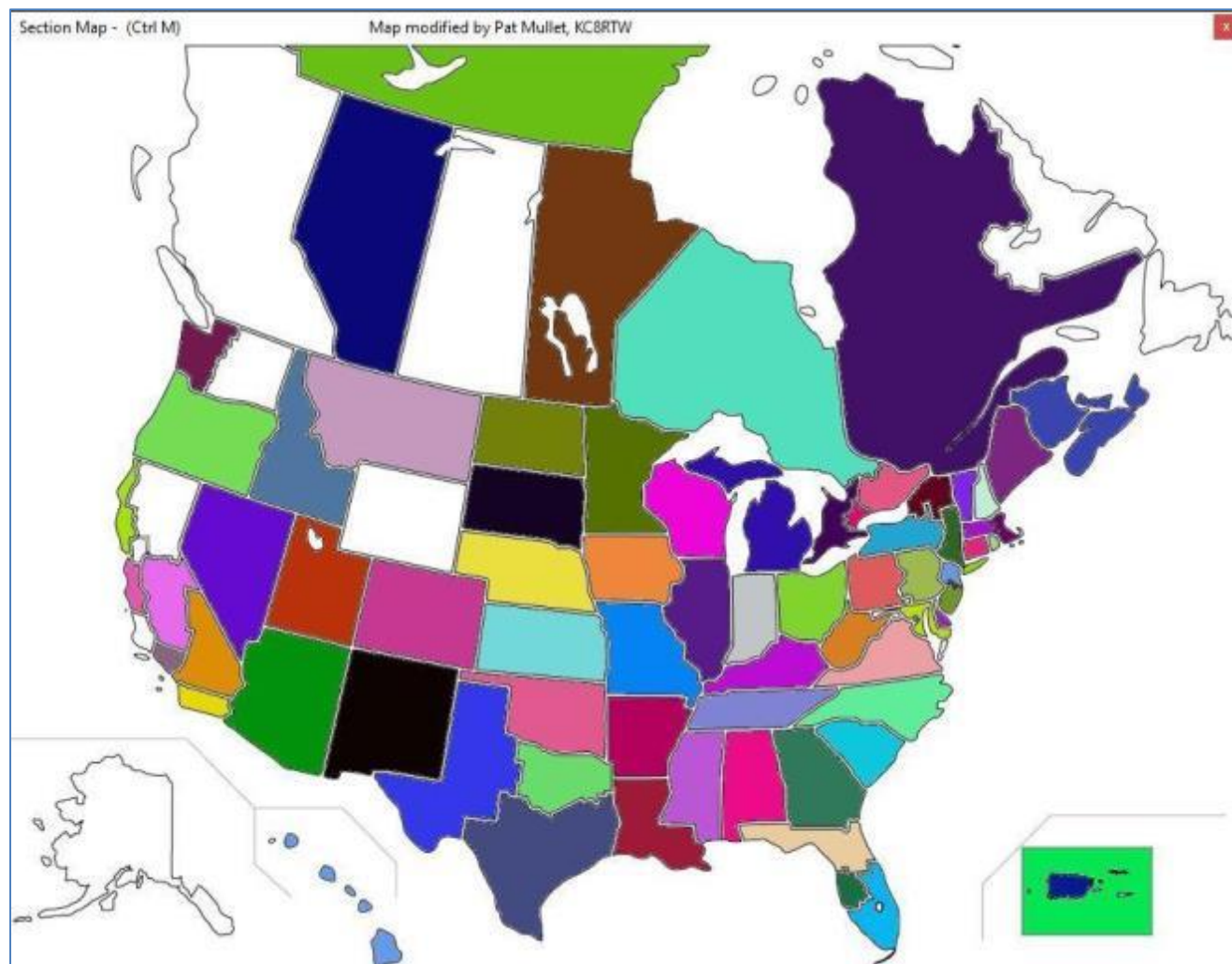
### **Total Contacts by Country:**

Country	Total
-----	-----
USA	436
Canada	16
Hawaii	1
Japan	1
Puerto Rico	1
US Virgin Is.	1

***Total = 6***



**"And then everyone started using digital modes..."**





# **Field Day 2019** *(continued)*



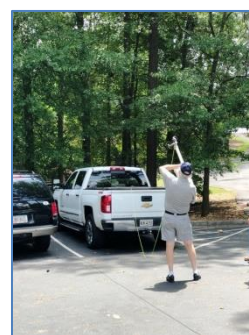
Field Day Generator setup. W4DTO, KN4MVZ, WB3ILX & K4CGA



K4BBH & KM4VTE



K4BBH, KM4VTE, K4MWC & W4DTO



K4BBH Antenna Launch



W4TXA & GOTA visitor



W4TXA & GOTA visitors



Pavilion #2 Operations



K4MWC, K4BBH, Mary, K4LDC, K4JDA, KM4IKO, KN4MVZ, WB3ILX



ARES Trailer on display



KM4IKO on SSB



# *Field Day 2019* *(continued)*



K4BBH & K4JDA working CW



K4BBH working CW



K4JDA working CW



K4CGA on CW



K4MWC on SSB



KM4VTE & K4LDC



W4TXA casualty



AI4RJ on CW, K4JDA & KN4QQD



K4MWC, KM4VTE, KN4QQD,  
K4TXA



KM4IKO, K4ZMW, KN4QQD, K4TXA &  
W4TXA



KM4VTE on SSB, KN4IEP & AI4RJ



K4CGA on SSB night duty



Pavilion 2 Operations



## **Field Day 2019** *(continued)*



N4OJE, K4ZMW & KM4IKO on FT8



K4ZMW & KM4VTE on FT8



N4OJE, K4ZMW & K4LDC on FT8



KN4CQJ on SSB with K4MWC



New Coffee Maker



Donation Jar

Thank you all for a job well done. Hope to see you in 2020.

### **The 2019 Silver Comet ARS Field Day Committee members:**

*James KM4IKO (Chairman)*

*Chuck K4CGA, Rick K4ZMW, Mike K4MWC, Stan KN4MVZ*



# **Georgia Hands Free Law & Amateur Radio**

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.

<https://www.gahighwaysafety.org/highway-safety/hands-free-law/>

<http://www.headsupgeorgia.com/handsfree-law/>

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.





## **Paulding ARES news from June 2019**



June was a very busy month for Paulding ARES. On Sunday, June 2 we had our general member meeting at the newly renovated Fire Station 7 that has been used as a temporary fire training facility for the county while their primary training facility is being upgraded. We covered a wide variety of topics including a review of activity since our last meeting and projects currently in the works.

Immediately prior to the meeting, the repeater team met to replace the packet radio antenna on the front of the building. They completed the task successfully with a large peanut gallery present, but not doing anything other than giving moral support. I am sure the vocal support was appreciated by the team doing all the hard work. Thanks to all who participated with the project and a VERY special thank you to Neal who was the man on the roof and the ladder doing all the hard work that no one else was brave enough to do. It is hoped that this new antenna will result in improved coverage and better reliability of the signal than the previous antenna.

Dan continued work on the box to house the radios at the Paulding EOC and he and Ron are working to program them. They are currently operational if we are called to staff the EOC. Ron, James, and Ruth at Paulding and Mike in Douglasville continue to check in the hospital nets the first Sunday of the month and provide documentation to the Hospital administrators which allows the hospital to meet the CMS audit requirements.

Work has been completed on our By Laws and we have completed the corporate registration with the Georgia Secretary of State. Early in June, I applied for a Taxpayer ID number (EIN) with the IRS which is a critical step in the process to pursue 501 (c) (3) status with the IRS. Sean finished assembling that application and it has been completed and submitted to the IRS. Now we wait!

We also met during the month to work on the Paulding Emergency Communications Group Inc. Operations Manual. We used a template provided by Cherokee ARES as our starting point and have made multiple changes and updates. As of our last leadership meeting, minor work and a few details remain to be done. Ruth is working on a new draft for review by the leadership team. I anticipated wrapping up this document by the end of June, but it looks like it will slip into July.

## **Paulding ARES news from June 2019** *(continued)*

The ARES trailer was part of the Field Day deployment. A DSTAR GOTA station was set up inside the trailer and tours were given to several people. In addition, the air conditioning inside the trailer provided some very welcome relief from the heat for participants.



A couple of our members participated with back up communications capability for the 5 K Glo Run event held earlier in the month. Our next planned event is our annual participation in the GRITS Bike ride coming up on Labor Day.

Lastly, Georgia ARES has set up a GIS mapping program with wide ranging capabilities for hams or individuals. I attended an on-line training session and was so impressed, I have arranged for the author, Brian Haren W8BYH, to make his presentation at the SCARS meeting on August 6. I trust you will be just as blown away by the capabilities of this tool as much as I was. Please tell all your friends to come to this can't miss meeting and prepare to be amazed.

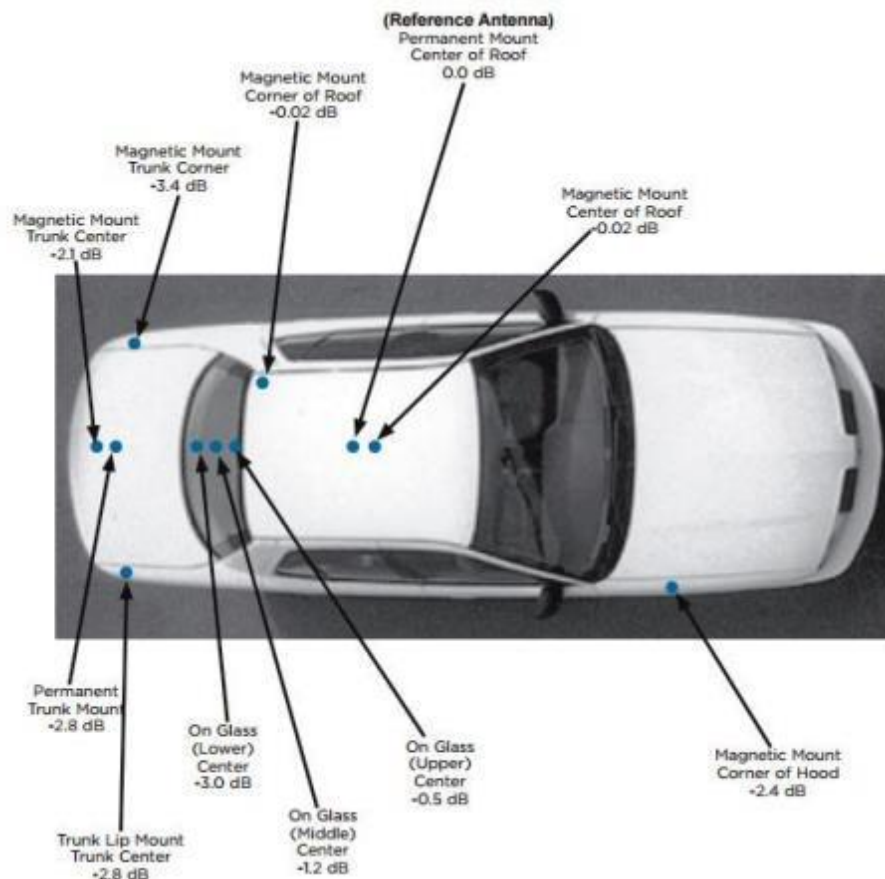
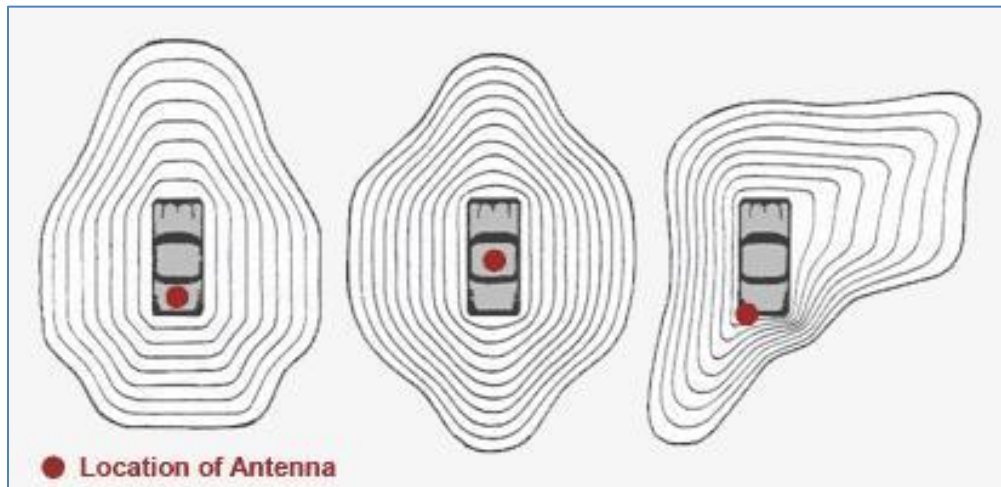
Dave Fuller  
EC Paulding ARES



# **Mobile Antenna Placement!**

Although I have published an article about mobile antenna placement in a previous edition of SKYWAVE (available on the SCARS website), I thought the subject should be revisited for all of our newer members. As you will notice by the graphics below, your ability to communicate may depend on where your antenna is located on the vehicle.

- K4CGA.



Original graphic sources unknown



# **Interesting Links to visit!**

**Silver Comet ARS YouTube Channel**

[https://www.youtube.com/channel/UCaL7UG0gkRJxV7lnTj\\_P3IQ/videos](https://www.youtube.com/channel/UCaL7UG0gkRJxV7lnTj_P3IQ/videos)

**New version of SDR-Radio for SDRPlay**

<https://www.sdr-radio.com/Blog/PostId/66/release-3010>

**New MULTIPSK with SDR PLAY SUPPORT and other enhancements**

[http://f6cte.free.fr/index\\_anglais.htm](http://f6cte.free.fr/index_anglais.htm)

**Fldigi 4.1.04 posted**

[Source Forge](#), and <http://www.w1hkj.com>

- [fldigi-4.1.04.tar.gz](#)
- [fldigi-4.1.04\\_i386.dmg](#)
- [fldigi-4.1.04\\_setup.exe](#)
- [fldigi-4.1.04\\_x86\\_64.dmg](#)

**Using your SDR to find noise**

<http://www.radioforeveryone.com/p/reducing-electrical-noise.html?m=1>

## **Naval Information Warfare**

Making waves! Naval Information Warfare Center Pacific, a landmark research and development facility for the Navy, is one of the last facilities creating brass ship models to scale to study antenna interference. Pictured is a model of the USS New Jersey (BB 62). The model was used in the design of the antenna system for the battleship when it was reactivated for missions in the Tonkin Gulf in 1968.



## **HAM QUIPS**



SOMEHOW, CLYDE NEVER FULLY GRASPED THE CONCEPT OF HOW TO ROTATE A BEAM

## **Experts Predict a Long, Deep Solar Minimum!**

If you like solar minimum, good news: It could last for years. That was one of the predictions issued last week by an international panel of experts who gathered at NOAA's annual Space Weather Workshop to forecast the next solar cycle. If the panel is correct, already-low sunspot counts will reach a nadir sometime between July 2019 and Sept 2020, followed by a slow recovery toward a new Solar Maximum in 2023-2026.

"As you can see – we haven't quite reached the lowest levels of the last cycle – where we experienced several consecutive months with no sunspots. However, the panel expects that we should reach those levels [between now and the end of 2020]."

(From <http://spaceweather.com>) *Time to warm up your weak signal programs! - K4LDC*

## **Noctilucent Clouds, A Sign of Solar Minimum?**

Space Weather News 06.13.2019" on YouTube <https://youtu.be/wZ92MP2CcuY>

## **Stealth Antennas by Carl KB7AZ**

Great presentation by Carl (KB7AZ) from Arizona on Stealth Antennas. He recently presented an abbreviated version on HamNation that is worth viewing. The bird house dipole may be a fun summer project. - *Larry K4LDC*

[http://www.tucsonhamradio.org/images/meeting\\_presentations/Stealth Antennas Rev N.pdf](http://www.tucsonhamradio.org/images/meeting_presentations/Stealth_Antennas_Rev_N.pdf)

## **Double Cross – A NOAA Downlink Antenna**

*An easy to build antenna for ground reception of NOAA weather or amateur satellite signals.*

For more information: <https://www.qsl.net/py4zbz/DCA.pdf>

## 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>

- [Digital Modes](#) page updated with:
  - New D-Star users registration instructions and link to registration site in the **D-Stars section**.

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



# **Contest & Special Events**

2019 ARRL Contest Dates - Ver B – 2 November 2019

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

## ***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://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](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](mailto: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](mailto: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](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 \*\***

	January	February	March	April	May	June
Meeting 1st Tuesday Date/Time:	01-08-2019 7pm	02-05-2019 7pm	03-05-2019 7pm	04-02-2019 7pm	05-07-2019 7pm	06-04-2019 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	Portable Operations (W4DTO)	QSL Cards for Beginners (K4ELI)	Peanut (WB3NLX)	Weather (K4DMF)	TBA	BSA Merit Badge Class
Additional Activities	TBD	Fox Hunt	TBD	GA QSOP	Family Night Dinner	Field Day
Hamfest & Conventions	Lawrenceville TechFest	Dalton, GA  Orlando, FL (HamCation)	Birmingham, AL  Ellijay, GA	Mobile, AL  Calhoun, GA	Dayton, OH	Atlanta, GA

This calendar is "Subject to change". Submit change request to W4TXA John

V2019.04

*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>
<b>Meeting 1st Tuesday Date/Time:</b>	<b>07-09-2019 7pm</b>	<b>08-06-2019 7pm</b>	<b>09-03-2019 7pm</b>	<b>10-01-2019 7pm</b>	<b>11-05-2019 7pm</b>	<b>12-03-2019 7pm</b>
<b>Meeting Location</b>	<b>Paulding Chamber of Commerce Bldg</b>	<b>Paulding Chamber of Commerce Bldg</b>	<b>Paulding Chamber of Commerce Bldg</b>	<b>Paulding Chamber of Commerce Bldg</b>	<b>Paulding Chamber of Commerce Bldg</b>	<b>Paulding Chamber of Commerce Bldg</b>
<b>Meeting Activity</b>	<b>Remote Operation (W4DTO)</b>	<b>GIS Mapping Program for Amateurs</b>	<b>V.E Work &amp; Adv. Licensing (W4TXA)</b>	<b>HF / VHF / 160 Band Work (TBD)</b>	<b>Hint &amp; Kinks The Basics Pt1 (K0CZR)</b>	<b>Hint &amp; Kinks The Basics Pt2 (K0CZR)</b>
<b>Additional Activities</b>	<b>TBD</b>	<b>TBD</b>	<b>Club Fall Picnic</b>	<b>AM DX Contest</b>	<b>Club Elections</b>	<b>Christmas Dinner</b>
<b>Hamfest &amp; Conventions</b>	<b>Cullman, AL</b>	<b>Huntsville, AL</b>	<b>SEDEC DX</b>	<b>La Grange, GA Chattanooga, TN Rome, GA</b>	<b>Lawrenceville GA Montgomery, AL.</b>	

This calendar is "Subject to change". Submit change request to W4TXA John.

V2019.07



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for those who don't like to read

# 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](http://www.silvercometars.com)

146.955 (-) (77hz)

Contact: *Club President*  
John Reynolds, W4TXA

Email:  
John.W4TXA@gmail.com

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