



Ham Radio
in the 21st Century



We Do That!
...with Amateur Radio





W4RSC "RADIO SILVER COMET" ARRL SPECIAL SERVICE CLUB

SILVERCOMET SKYWAVE

Silver Comet ARS, INC NEWS PO BOX 1873 Hiram Ga. 30141 501 (C) (3) Not for Profit
Oct. 2020 Vol 7 Number 10

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



Please join us on the 146.955 (- 77Hz) repeater at 7pm for the October 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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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 DuVall, K4CGA – Editor

SCARS Community Food Drive!



COVID-19 has resulted in an unusually high demand for food products from our local Metro food banks.

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

Monday – “SCARS Night Out” Net!



Radio and Zoom check-ins begin at 7:30PM. 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 7:30pm and on Zoom. Check the SCARS Groups.IO calendar for meeting and Zoom link information.



Silver Comet ARS Club Elections



Don't forget, SCARS elections will be held during the month of November and your vote is very important.

This is your club and your vote will help guide the club.

Your club secretary, KM4IKO James, is researching and evaluating various secure online voting programs to simplify the voting process during this pandemic crisis. If approved by the current leadership, online voting will be available to all club members with an email on file with the club secretary and paid up dues.

Nominations for all club officers and 2 board members will continue to be taken up until the time the elections are conducted by the President at the meeting. Contact W4TXA John or KM4IKO James if you would like to help lead and grow the club or wish to nominate a club member.

It's Here!

**The SCARS 6th Annual AM Broadcast Band DX Contest starts
0001-UTC on 01 October 2020 and ends 2359-UTC on 31 October 2020.**



**2018 Winner
W4TXA - John Reynolds**

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 custom made, one of a kind trophy with your name on it (on loan) is awarded.

For more information, read the September newsletter or view the rules on our website: www.silvercometars.com.

Amateur Radio Support Cancelled



Amateur Radio support for the Chattanooga Nature Center's (CNC) annual *Halloween Hike* has been cancelled for this year.

Many of our club members participate in supporting this wonderful and fun event. However, due to the lack of radio volunteers and the CNC's Covid testing and legal requirements, Charles K0CZR regrettably had to cancel our participation this year.

FCC Proposes to Reinstate Fees

The saga continues. Visit the following websites for more information.

Notice of Proposed Rulemaking (NPRM): August 12, 2020 Released: August 26, 2020
<https://docs.fcc.gov/public/attachments/FCC-20-116A1.pdf>

FCC Proposes to Reinstate Amateur Radio Service Fees - ARRL
<http://www.arrl.org/news/fcc-proposes-to-reinstate-amateur-radio-service-fees>

2020 ARES Simulated Emergency Test

It is almost here! The annual Simulated Emergency Test (SET) to be held on October 3.

AMATEUR RADIO EMERGENCY SERVICE (ARES) is a volunteer organization. There are no dues or membership fees associated with being part of ARES. The only qualification, other than possession of an Amateur Radio license, is a sincere desire to serve.

Questions? Contact Ron WB3ILX wb3ilx@gmail.com or Dan W4DTO dan@ozment.net or on the 146.955 repeater.

TAG Multi-Mode Digital Net Net

TAG, which stands for **TN, AL GA**, is a Multimode Net that empowers you to join a QSO on Southeast Link wherever you are. This is a Digital Only net and is held each Wednesday's at 7:30pm EDT, 23:30 GMT.

Join the conversation on the SouthEast Link by using any of the D-Star, DMR, C4FM / Fusion / Wires-X, Allstar or Echolink nodes.

- Allstar LMARC Node 510131 SouthEast Link Bridge System
- DMR Brandmeister Network: TG 314722, W4PL 444.150 on Signal Mtn TS2/TG 314722
- DMR QRM Network: TG 43389
- DMR TGIF Network: TG 43389, N4LMC 444.7125 on Lookout Mtn TS2/TG 43389
- DStar: XRF/XLX/DCS 139-D, XRF/XLX/DCS 913-D, N4LMC-C 145.160 on Lookout Mtn, W4RRG-B 444.725 on Signal Mtn
- Echolink Node N4LMC-L 94680 SouthEast Link Bridge System
- FCS Reflector: SouthEast Link FCS003-89
- Wires-X: Southeast Link, Room 43389, N4LMC 442.650 on Lookout Mtn, N4LMC 442.725 on Signal Mtn, W4DRC 443.000 in Dalton and the NQ4Y 145.410 on Monteagle Mtn
- YSF Reflector: Southeast Link

For more information: www.lmarc.net



Satellite Frequency Chart

Do you like working or listening to satellites? Jose' PS8ET has put together this nice table of Satellites and frequencies to help you have fun. For more interesting satellite projects and articles, visit Jose's website at <http://www.ps8et.com/>.

Tabela de Satélites FM - by PS8ET				
Satélites / Ilustração	CH	TX	Subton	RX
SO-50 Saudi-OSCAR 50 (SaudiSat 1-C) 	0	145.850	74.4	Ativar
	1	145.850	67.0	436.805
	2	145.850	67.0	436.800
	3	145.850	67.0	436.795
	4	145.850	67.0	436.790
AO-91 AMSAT-OSCAR 91 (RadFxSat/Fox-1B) 	5	145.850	67.0	436.785
	6	435.240	67.0	145.960,5
	7	435.245	67.0	145.960,5
	8	435.250	67.0	145.960
	9	435.255	67.0	145.960
AO-92 AMSAT-OSCAR 92 (Fox-1D) NORMAMENTE AS QUARTAS-FEIRA MODO - L/v : 1.267,350 / 145,880 	10	435.260	67.0	145.960
	11	435.340	67.0	145.880,5
	12	435.345	67.0	145.880,5
	13	435.350	67.0	145.880
	14	435.355	67.0	145.880
IO-86 Indonesina-OSCAR 86 (LAPAN-ORARI) AGENDAMENTO https://twitter.com/lapansat 	15	435.360	67.0	145.880
	16	145.880	88.5	435.890
	17	145.880	88.5	435.885
	18	145.880	88.5	435.880
	19	145.880	88.5	435.875
CAS-3H (LilacSat-2) RARAMENTE https://www.amsat.org/status/ 	20	145.880	88.5	435.870
	21	144.350	----	437.210
	22	144.350	----	437.205
	23	144.350	----	437.200
	24	144.350	----	437.195
PO-101 Phillipines-OSCAR 101 (DIWATA-2) AGENDAMENTO https://twitter.com/Diwata2PH 	25	144.350	----	437.190
	26	437.490	141,3	145.900,5
	27	437.495	141,3	145.900,5
	28	437.500	141,3	145.900
	29	437.505	141,3	145.900
ISS (FM Repeater) 	30	437.510	141,3	145.900
	31	145.990	67.0	437810
	32	145.990	67.0	437805
	33	145.990	67.0	437800
	34	145.990	67.0	437795
	35	145.990	67.0	437790

Photos WEB - 05/09/2020

Covid Doesn't Stop SCARS VE's & Elmers

Silver Comet ARS VE's and Elmers are still hard at work during this time of uncertainty making sure those interested in our wonderful hobby have the opportunity to get tested and provide follow-up assistance. SCARS VE's continued to maintain the highest standards following State guidelines and recommendations to insure the safety of the candidates and examiners. Way to go guys and gals. Keep up the good work.

Our club Elmers continue to assist new and potential amateurs in their education of ham radio methods and practices and their efforts to get on the air. Pictured is Elmer Steve Walls (K4ELI) assisting new ham Dianne (KO4GHL) in programming a 2m radio found while evaluating her father's (SK) collection of equipment. With your knowledge and experience, you too can be an Elmer!



ZOOM This, ZOOM That! Everybody Is Zooming!



Zoom is a cloud-based peer-to-peer software platform that provides video telephony and online chat services through a cloud-based peer-to-peer software platform. It is used for teleconferencing, telecommuting, distance education, and social relations.













The Silver Comet ARS has chosen ZOOM over other similar services based on simplicity, features, ease of administration, number of users permitted and cost. Many of our club members were already familiar with the product and its operation played a part in its selection.

Troy (K4JDA) and James (KM4IKO) were selected to manage the day to day operations of our ZOOM capabilities. They selected the Silvercometars@groups.io calendar to manage ZOOM scheduling information and established one-click links to join a ZOOM session. ***You must be a Silver Comet ARS club member and subscribed to Silvercometars@groups.io to access the calendar information.***

To request a ZOOM session not previously scheduled, or delete/modify an existing session, contact: James KM4IKO@comcast.net or Troy Troy.Davis@hotmail.com

Can You Spot The ISS?

The following ISS sightings are possible from Monday Sep 21, 2020 through Tuesday Oct 6, 2020

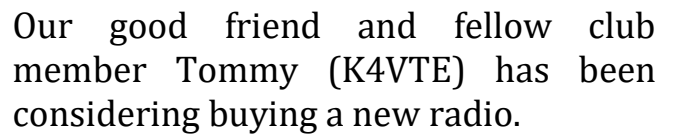
Date	Visible	Max Height*	Appears	Disappears	Share Event
Tue Sep 22, 8:19 PM	1 min	10°	10° above NW	10° above NNW	 
Fri Oct 2, 8:33 PM	< 1 min	10°	10° above NNE	10° above NNE	 
Sat Oct 3, 9:20 PM	< 1 min	15°	10° above NNW	15° above NNW	 
Sun Oct 4, 8:33 PM	2 min	22°	11° above NNW	22° above NNE	 
Mon Oct 5, 7:46 PM	4 min	15°	10° above N	11° above ENE	 
Mon Oct 5, 9:22 PM	< 1 min	22°	15° above WNW	22° above WNW	 

[https://spotthestation.nasa.gov/sightings/view.cfm?country=United States®ion=Georgia&city=Atlanta#.X3M_ymhKhhF](https://spotthestation.nasa.gov/sightings/view.cfm?country=United+States®ion=Georgia&city=Atlanta#.X3M_ymhKhhF)

<https://nasa.gov>



SCARS Sponsors Brick For Paulding Chamber



So, he consulted the internet which contains a wealth of useful information to help him make his decision.

After careful evaluation, Tommy decided to share it with his fellow club members.

K4CGA, Editor

SCARS Sponsors Brick For Paulding Chamber

The brick has now been put in place and is located on the front entryway, bottom right side and close to the driveway.



Interesting Links to visit!

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/>

New way to surf the internet – Browser guide

<https://www.browserguides.net/brave-or-chrome/?>

Recent SCARS Website Updates:



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

- NO UPDATES TO REPORT

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

Breakfast @.....



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.

Come Join Us!

**Thursday Mornings
We Gather Around 8:30 +/-
Until the last one leaves!
Even on the Repeater or ZOOM!**

Upcoming Special Events

***The SCARS 6th Annual AM Broadcast Band DX Contest starts
0001-UTC on 01 October 2020 and ends 2359-UTC on 31 October 2020.***

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

2020 ARRL Contest Dates

January 2020 1 <u>Straight Key Night</u> 4 <u>Kids Day</u> 4-5 <u>RTTY Roundup</u> 18-20 <u>January VHF</u>	February 2020 10-14 <u>School Club Roundup</u> 15-16 <u>International DX – CW</u>
March 2020 7-8 <u>International DX– Phone</u>	April 2020 19 <u>Rookie Roundup – Phone</u>
June 2020 13-15 <u>June VHF</u> 20 <u>Kids Day</u> 27-28 <u>Field Day</u>	July 2020 11-12 <u>IARU HF World Championship</u>
August 2020 1-2 <u>222 MHz and Up Distance Contest</u> 15-16 <u>10 GHz & Up – Round 1</u> 16 <u>Rookie Roundup – RTTY</u>	September 2020 12-14 <u>September VHF</u> 19-20 <u>10 GHz & Up - Round 2</u> 12-13 <u>EME - 2.3 GHz & Up</u>
October 2020 19-23 <u>School Club Roundup</u> 10-11 <u>EME - 50 to 1296 MHz</u> -	November 2020 7-9 <u>Nov. Sweepstakes – CW</u> 21-23 <u>Nov. Sweepstakes – Phone</u> 28-29 <u>EME - 50 to 1296 MHz</u>
December 2020 4-6 <u>160 Meter</u> 12-13 <u>10 Meter</u> 20 <u>Rookie Roundup–CW</u>	<div> <p>Check your emails for additional contest and special event activities</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://ncjwecom/>

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:

2020 Schedule

VE Testing at BHBC is back on schedule for the August-December test sessions. The Governor's directives in effect at that time will be adhered to.

Oct 1 Nov 5 Dec 3

Please check the ARRL website for changes or corrections.

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

All classes of license exams will be available.

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:

2020 Schedule

Due to Covid-19 concerns and restrictions, contact John W4TXA w4txa.john@gmail.com for test session schedule information.

Oct 13 Nov 10 Dec 08

Please check the ARRL website for changes or corrections.

For more information, contact John Reynolds, W4TXA: w4txa.john@gmail.com

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

ARRL <http://www.arrl.org/licensing-education-training>



Silver Comet Amateur Radio Society

2020 Calendar

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

	July	August	September	October	November	December
Meeting 1st Tuesday Date/Time:	07-07-2020 7:30pm	08-04-2020 7pm	09-01-2020 7pm	10-06-2020 7pm	11-03-2020 7pm	12-01-2020 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	VE Recognition Night	TBA	TBA	TBA	TBA	TBA
Additional Activities	TBD	TBD	Club Fall Picnic (TBD)	AM DX Contest	Club Elections	Christmas Dinner
Hamfest & Conventions	Cullman, AL	Huntsville, AL	SEDEC DX	La Grange, GA Chattanooga, TN Rome, GA	Montgomery, AL.	
This calendar is "Subject to change". Submit change request to K4ELI Steve						
V2020.09						

Stone Mountain Hamfest Inaugural Commemorative
Special Event Stations
K4A - K4M - K4R - K4C - W4BOC/P (Bonus Station)

Starting EST Friday, November 6th, 2020
00:00 UTC 7pm EST)

Ending EST Sunday, November 8th, 2020
00:00 UTC (7pm EST)

Sponsored by Alford Memorial Radio Club
More Information at StonemountainHamfest.com
Look for the Station, Band and Schedule on our
website
48 hours round the clock!
Certificates and QSL cards planned.





NOTICE



**WHAT YOU ARE ABOUT TO WITNESS IS AN AMATEUR RADIO STATION,
LICENSED BY THE FEDERAL COMMUNICATIONS COMMISSION
IN WASHINGTON, D.C.**

BEFORE YOU ASK THE QUESTIONS, HERE ARE THE ANSWERS:

The total cost of this equipment cannot be discussed here as it creates marital conflicts.

No we cannot send a message to your brother in Hong Kong. We suggest you call Western Union.

This is strictly a hobby... we do not have the facilities or the time to fool around with TV sets, radios, or Wi-Fi. We suggest that you see a serviceman.

Yes, the antenna in the back yard is essential to the operation of the equipment.

The cards on the wall are called QSL cards. They are confirmation of contacts made with other stations.

It is technically impossible for this station's equipment to interfere with television reception, telephones or stereo systems. Any interference problems of that nature are caused by design flaws in the home-entertainment devices themselves.

An Amateur Radio station may only be operated by a highly qualified, technically skilled, electronics expert. It takes dedication, training, and intelligence to reach the level of competence that justifies one to be licensed by the United States Government. Therefore, it is not considered inappropriate to show proper awe, respect and general obsequiousness when I discuss my hobby or operate the controls.

**FURTHERMORE IF YOU ARE GRANTED THE EXTREME HONOR OF BEING INVITED TO
SPEAK INTO THE MICROPHONE, PLEASE OBSERVE THE FOLLOWING RULES.**

Speak in a low and soothing tone.

Do not disagree with me in any manner.

Say no bad words and tell no off-color jokes.

It is customary for guests to make complimentary remarks about this station and its licensed operator when talking to other hams on the air.

DO NOT TOUCH ANYTHING. TURN ANY KNOBS, SIT ON EQUIPMENT, ETC.

I HAVE LOST SEVERAL VISITORS BY ELECTROCUTION IN THE PAST FEW WEEKS

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:
w4txa.john@gmail.com

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