



Ham Radio in the 21st Century

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

June 2016 Number 2 Vol 3



Greetings : President SEZ

Greetings fellow SilverCometARS' :

This is not a political message so don't hang up. We are now entering the Summer months and it is time for severe weather, tank tops, shorts, sun screen and antenna work. Hmm! At our April meeting we had a timely presentation on severe weather given by Dave K4DMF and immediately followed by severe weather. Good timing Dave.

We also welcomed new members Larry K4LDC & Bob WD4PAQ to our club indicating we are growing. For you HF'ers, the bands have been good and bad thanks to the weird solar sunspot numbers, making rag chews and contesting rather challenging. Thanks go out to Steve K4ELI for keeping us informed on all the upcoming special events and contest.

Several club members have discovered a new antenna that is being use by James KM4IKO works really well on HF and is well suited for HOAs. It is the EFLW 80-10 and is available from MYAntennas.com. Ask James, Ron or Lee about it if interested. Lee will have antenna at June meeting.

Family Night Out on May 10th at O'Charley's in Hiram was FANTASTIC (See Pictures) We will upcoming special event activities the club has planned at our Tuesday June 7th meeting. Remember send WA4MDQ stuff for the web page. Ruth is always looking for input and ideas to make our page BETTER.

Enough said for now. 73's Chuck K4CGA

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- 2016 Calendar
- 160 meters NOT IN SUMMER, WHY ??
- Family Night Out GREAT (PHOTOS)



** Don't forget "BOTC" [Breakfast On The Chair] every Thursday morning at 9am. **												
	January	February	March	April	May	June	July	August	September	October	November	December
Meeting 1st Tuesday Date/Time:	01-05-2016 7pm	02-03-2016 7pm	03-01-2016 7pm	04-05-2016 7pm	05-03-2016 7pm	06-07-2016 7pm	07-05-2016 7pm	08-02-2016 7pm	09-06-2016 7pm	10-04-2016 7pm	11-01-2016 7pm	12-06-2016 7pm
Meeting Location	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	Paulding Chamber of Commerce Bldg	O'Charley's or TBA	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	Location Suggestion Needed	Paulding Chamber of Commerce Bldg
Meeting Activity	Show & Tell Night	Antenna Tuners Why & What Kind K4CGA/K4ELI	Intro to the ARRL	Severe Weather Presentation by K4DMF	Family Night Dinner & Rag Chew	Field Day Primer & Planning (Volunteer Planner Needed)	Intro to Computer Logging & Other Useful Programs	Everything You Need To Know About Voltmeters	2nd Annual AM Radio DX Contest	Intro to Coax Cables ***** Club Officers Nominations	Your Suggestion Here ***** Club Officers Voting	Holiday Dinner ***** Election Results
Additional Activities		TBD	TBD	GA QSO Party	Picketts Mill Celebration May 27th NPOTA (TBD)	Field Day GOTA	TBD	Silver Comet Trail On The Air (TBD)	Club Fall Picnic (Location TBD)	Jamboree On The Air (TBD)	TBD	TBD
Hamfest Schedule		Dalton February 27th	Birmingham, AL March 4th ***** Elijah March 19th	Mobile, AL March 9th ***** Calhoun April 23rd	Dayton, OH May 20-22	Atlanta June 4th		Huntsville, AL August 20-21			Lawrenceville November 5th ***** Montgomery, AL November 19th	
Subject to change.											v1.8.16	

160 Meters in The SUMMERWHAT ??

Well for all of our NEW HAMs in Silver Comet ARS it takes a while to learn all the new aspects of HAM RADIO. What interests you may want to try. One of the big things that new and old have to learn is what bands on HF work best when. That means Sun Spot Cycles, Time of Year, Grey Line, Propagation its enough to BLOW YOUR MIND. It sometimes is a real trick on finding all the answers. The internet is a good source but what do I look for and when. Its really great to have MENTORS Like K4ELI - WB3ILX and many others in our group that have all that great experience. So as newbies PLEASE ASK QUESTIONS, at our meetings, at our Breakfasts on the Repeater, eye ball QSO's wherever. We are here to help you. AGAIN ***We are here to help you !***

So, with all that STUFF Lets look at 160 Meters. To quote Gary Wescom N0GW in a 2007 Article. " The HF Bands – For HF Newcomers"

"160 Meters: 160 meters is primarily a nighttime regional band. Nighttime range is usually very good from next door out to about 500 miles when full size horizontal antennas are used. Worldwide DX is possible on this band, but tall vertical antennas with extensive ground radials for transmitting and long, low noise beverage antennas for receiving are necessary. Atmospheric noise from lightning can make this band nearly useless during the summer thunderstorm season."

What Gary says is very true, BUT you can have times of Greatness on this band in the Summertime. Watch the Propagation Forecasts, keep an eye on the weather and make sure you log into a DX Cluster Network for spotting. Remember that in most cases DX or Long haul communications usually moves from North to South. If you are watching a DX Cluster Network watch who is spotting and when. This can be a real trick because of a call sign say a w1 or w2 or w3 may not be north of us. Look at the call on QRZ. Set your filters in the cluster to only see 160 meters when you are trying to work that band. Antennas a vertical is great on a small lot to transmit. The beverage is low to the ground, That means LOW NOISE on receive but is can be a LONG ANTENNA. Use what you can. Once you go through Summer chasing this band when Winter comes and signals GROW you will be an expert. Enjoy Lee WB4QOJ

DX Clusters : www.dxwatch.com www.dxsummit.fi wb4qoj.no-ip.org:2300

Propagation Forecast : www.arrl.org/propagation www.voacap.com/

2016 PHOTOS Highlights



Family Night Out on May 10th at O'Charley's in Hiram was FANTASTIC

(TOP LEFT) Winners of Dinner Give-A-Way O'Charleys Gift Cards and USB Head Phones. Winners Lee, Suzette and Lauren.

(Bottom Left) Silver Comet ARS awarded Again for the second time "ARRL Special Service Club". President K4CGA accepts award from WB4QOJ. CONGRATULATIONS TO ALL SCARS MEMBERS !!

W4RSC "Radio Silver Comet"

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



Ready for Tuesdays Meeting ???

What are all those STRANGE Sounds on HF. We have all heard them, we have all tried to decode them or figure out what there are (well some of us). Lets take a look at what they might be. Some of them are commercial with encryption, those you will never decode. Others are easy but can be tricky. Sites on the internet that can help will be listed at the bottom. Many mysteries have been heard like the Russian Wood Pecker of the 1970's and 1980's which ended at the end of the Cold War. Others are the every dying BIG HF FAX stations like the US Navy transmitter on 8080 mhz (now off the air), but others still are around. Then there are the new Exotic Digital modes of the past few years. Great FREE Software LIKE **Multi-PSK, FIDigi, HamScope** and others. We will take a look at some of the very old modes from WW2 that are really quit fun, like Feld Hell. Many (maybe not all our New Folks) but those that have been around for years know of RTTY,ASCII, Clover , Packet and Pactor and Amtor. It is really fun to look at the frequencies and the schedules that are available to copy these stations. Some on the Ham Bands are really becoming a HIT. Like JT65 and UI-CHAT. Also, some really can be used for EXTREME Long Distances with very low power and modest antennas. So sit back tune the bands early morning or late at night ear phones on and Computer Screen running. Find a QSO with weird sounds and jump in. **IT'S A BLAST !!! 73 Lee WB4QOJ**

<https://sites.google.com/site/feldhellclub/>

<http://f6cte.free.fr/>

<http://www.nws.noaa.gov/om/marine/rfax.pdf>

<http://www.klingenfuss.org/swfguide.htm>

<http://shortwave.hfradio.org/>

<http://www.arrl.org/news/surfin-remembering-the-woodpecker>



opencart.org/user-detail/lordoftheloch

W4RSC

Paulding County, GA - EM73 - ITU Zone: 8

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Contact Us

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Visit us on the web at
www.silvercometars.org
under construction



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

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