



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
January 2017 Vol 4 Number 1



The Prez Sez



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W4RSC "Radio Silver Comet"

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



\$CAR\$ DUE\$ DUE

T'is the New Year and now is the time to spend your Christmas \$\$\$. Please pay your club dues.

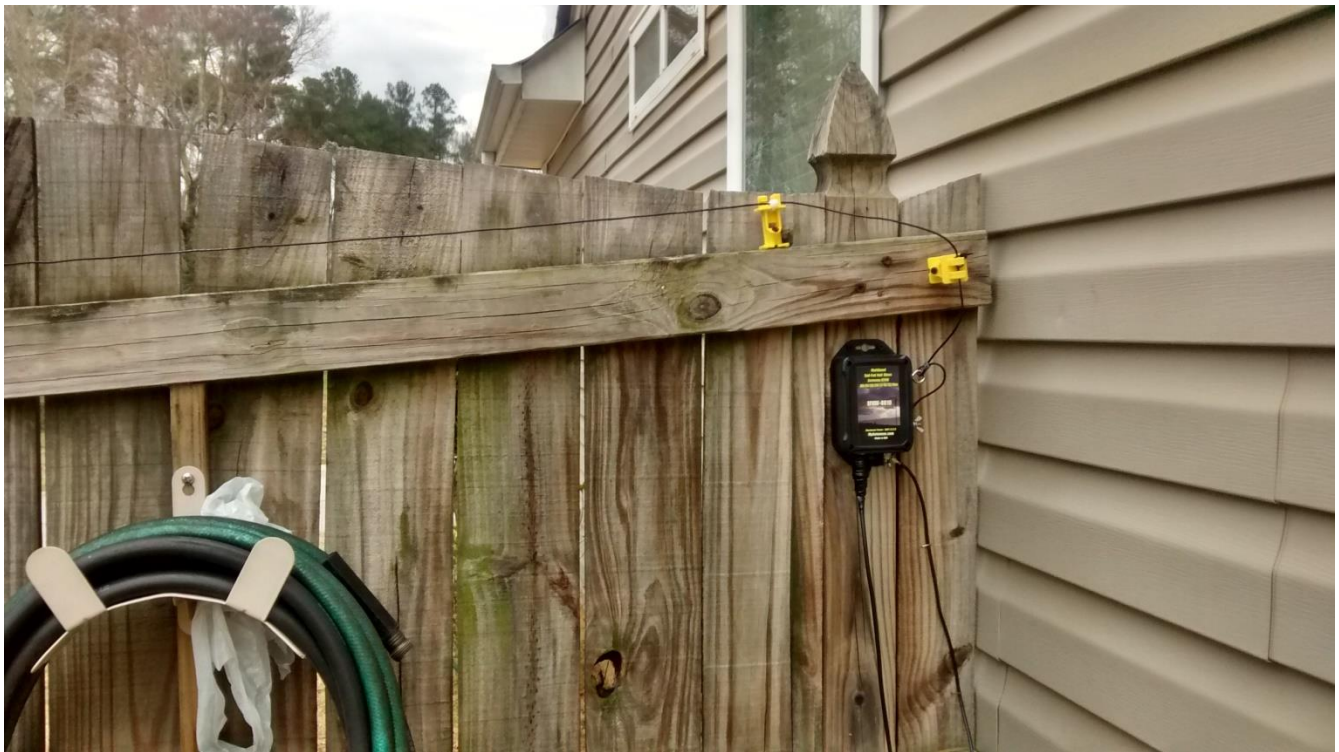
2016 CHRISTMAS DINNER



Thank you for all your participation and food preparation making our 2016 Christmas dinner a great success. We had lots of good food, friendship and a wonderful time. Those attending (some with family or guest) KM4IKO, KM4VTE, KM4TRK, WA4MDQ, K0CZR, WA4EOG, W4JFL, WB3ILX, K4BBH, KF4UOS, K4ELI, KM4ZMW, KA4JMV(my XYL), W4TXA & K4TXA.

NEED A HIDDEN ANTENNA?

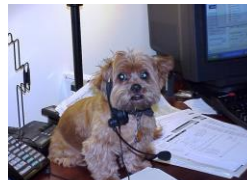
Ask James, KM4IKO how his End Fed Long Wire (EFLW) made by MYANTENNA works? It is 130 feet long and wraps around his backyard fence and operates on 80-10m. Notice the yellow “electric fence wire” stand-offs purchased at Tractor Supply. They worked well and come in various sizes/shapes and are pretty cheap. Not shown is the Copper Ground Rod driven into the ground below the Balun box next to the house. It is connected to both his balun and equipment. <http://myantennas.com/wp/>



FEATURED HAM SHACK!

 DALLAS, GEORGIA, USA Paulding County Grid: EM78ox				   
 <h1 style="color: red; text-align: center;">K4CGA</h1>				
Chuck DuVall 99 Kipling Drive Dallas GA 30132-8445				
Confirming QSO with	Date	Time	 EyeBall QSO @	
<input type="text"/>	<input type="text"/>	<input type="text"/>		

- ❖ Retired US Coast Guard Senior Chief Radioman (1963-1984)
- ❖ USCG High Speed CW certificate holder (30+ wpm)
- ❖ USCG CW Operators Association member
- ❖ Zeta Upsilon Tau (ZUT #1217) "CW Forever" member
- ❖ ARRL member
- ❖ Paulding ARES member
- ❖ Past President Silvercomet ARS



Station Equipment Shown

- | | |
|---------------------------------|--|
| ❖ Drake RV7 Remote VFO | ❖ Yaesu SP8 Speaker |
| ❖ Drake MN2000 KW Antenna Tuner | ❖ LDG Z11/Pro-II Auto Ant. Tuner |
| ❖ Drake L7 2kw Amplifier | ❖ LA1000 600w Amplifier |
| ❖ Drake CS7 Coax Switch | ❖ HyGain & CDE Ant. Rotator Controls |
| ❖ Drake SP7 Speech Processor | ❖ Ameritron RCS10 Remote Coax Switch |
| ❖ Drake CW75 CW Keyer | ❖ Brown Bros. Dual CW Key |
| ❖ Drake P75 Phone Patch | ❖ MorseMatic CW Keyer |
| ❖ Drake MS7 Speaker | ❖ Yaesu System Fusion Repeater (right cabinet) |
| ❖ Yaesu FTdx-1200 Transceiver | |

DID YOU KNOW

- **WB4QOJ has a DX CC cluster up and running? It can be reached by**

WEB Link: <http://wb4qoj.no-ip.org>

TeleNet: wb4qoj.no-ip.org port 7373

Check out WB4QOJ'S post on the Silvercometars YAHOO! group for Cluster and Filter Commands.

- **PINGJOCKEY is still up and running. Great site for digital schedules & spots on 50 MHZ and above.** <http://www.pingjockey.net/cgi-bin/pingtalk>
- **AMAZON sells an ARRL REPEATER Directory for \$1,872.21. WOW!**



The ARRL Handbook for Radio Communications: The Comprehensive RF Engineering Reference [With CDRom] Oct 1, 2010
by Arri

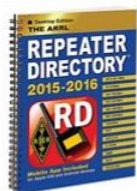
Paperback

\$19.01 used & new (32 offers)

★★★★☆ ▾ 27

Trade in yours for an Amazon Gift Card up to **\$2.00**

Books: See all 171 items



The ARRL Repeater Directory 2015/2016 Desktop Edition Apr 15, 2015
by ARRL Inc.

Spiral-bound

\$1,872.21 used & new (1 offer)



★★★★☆ ▾ 60

Books: See all 171 items

- **You can stop using Ferric Chloride as an etchant! (A better etching solution.)**

<http://www.instructables.com/id/Stop-using-Ferric-Chloride-etchant!--A-better-etc/>



If you have never tried here is a current list of VHF/UHF SSB nets available in the Atlanta metro area. Some may be a stretch unless you are running a beam horizontal. Thanks to Ray WA4NJP for sending me this updated list.

LEE WB4QOJ

Sunday night:

7:30 PM 50.400 AM W4ICU Alex EM70 looks east then CCW...
8:15 PM 50.220 USB "Atlantic Zone 6 Meter Net" WB4IXU, John EM86 looks SW then around
9:15 PM 50.200 USB K4EPC Jack EM86 all directional from Knoxville, TN
9:30 PM 50.400 AM K4EPC Jack EM86 all directional from Knoxville, TN

Monday Night

7:00 early check-in 8:15 Net, 50.155 USB, KE4EE, N4VPI, 6 meter "Buzzard net" from Lagrange, GA
8:00 144.210 USB/CW... "North Georgia 2 Meter Net", WA4NJP NCS. Start E and go CW
8:30 144.252 USB/CW "K8TQK 2 Meter Activity", Looks south at 9:00PM from EM89..
9:00 144.240 USB/CW "Atlantic Zone 2 Meter Net" WB4IXU EM86

Tuesday Night:

8:00 222.100 USB/CW activity night Fla, SC, NC, TN, VA, OH, IN Most nights.

Wednesday Night:

7:30 early check-ins. 8:00 Net, USB, "Hole in the Wall Gang", 50.135 NCS W1RAJ EM72
9:00 "East coast 70 CM Net" W4NUS, W4DEX USB/CW 432.090 looks at Atl at 9:15 from Charlotte, NC

Thursday Night:

7:30 early check ins, 8:00 Net 144.220 USB "Central Georgia 2 Meter Net". NCS W1RAJ EM72

Friday Night:

8:00 144.240 "Atlantic Zone 2 Meter Net" USB/CW WB4IXU John, EM86
9:00 432.110 "Atlantic Zone 432 Net" USB/CW WB4IXU John, EM86



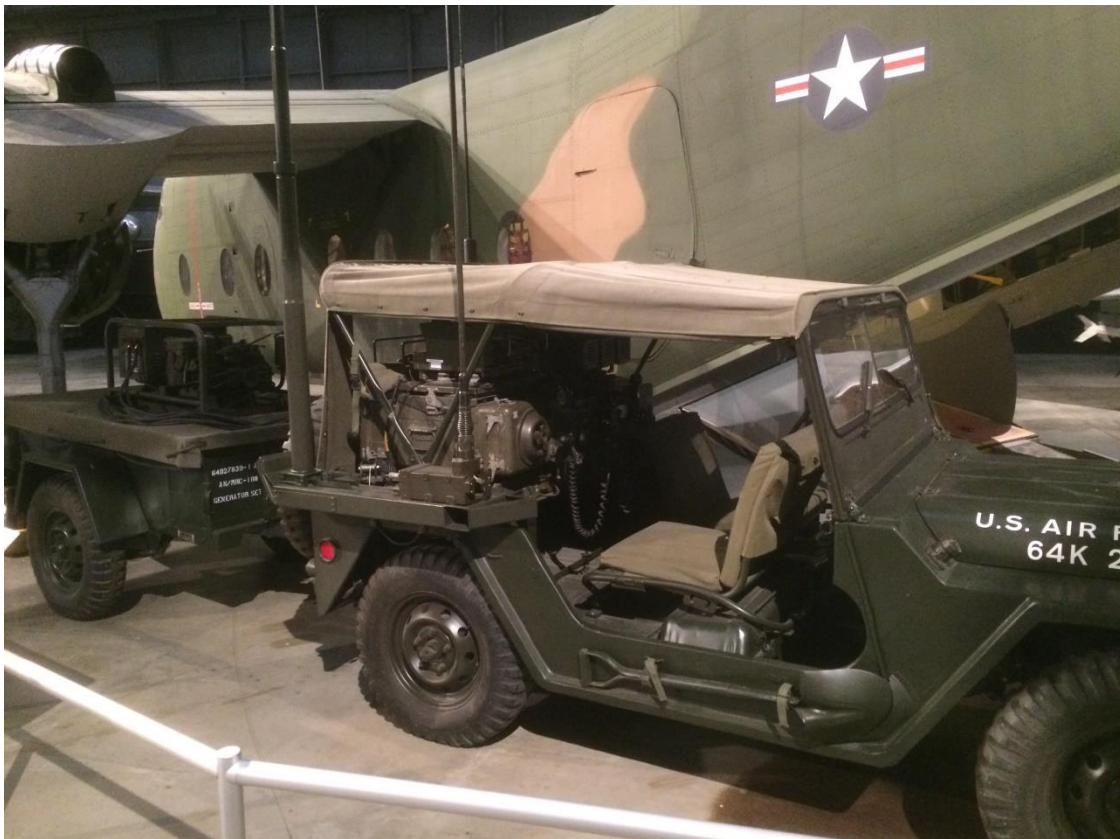
While attending Hamvention 2016, I made a side trip to the Air Force Museum and snapped the below picture of the ultimate self-contained field day mobile!

-Larry, K4LDC

Museum text follows:

The commitment of American forces to combat in South Vietnam created an urgent need for radio communications between air and ground forces, which used different radios. In response, the U.S. Air Force Electronic Systems Division developed the AN/MRC-108 in 1965 for use by USAF personnel operating on the ground. Mounted on a Ford M151-A1 Jeep, this rugged communications system included high frequency (HF), ultra-high frequency (UHF), very high frequency (VHF), and VHF FM radios. It coordinated with the Direct Air Support Center with requests for immediate air support, airborne forward air controllers (FACs), strike aircraft, cargo planes, helicopters and ground forces. The M416 trailer carried antennas, rations, supplies and a gasoline-powered generator for operations at fixed locations.

In the close air support role, an enlisted ROMAD (Radio Operator, Maintainer and Driver) drove the jeep and maintained the radios while the FAC, who was a pilot, directed the aircraft striking enemy targets. In its airlift support role, the enlisted Combat Control Team (CCT) guided airdrops and airfield operations from unimproved runways. If necessary, such as during the siege of Khe Sanh when they directed the airlift operations that kept the outpost supplied, the CCT could also direct close air support strikes.



CONTEST & SPECIAL EVENTS

ARRL 2017-2018 Contest Dates - Ver 1.0c, 17 Oct 2016

January 2017 1 Straight Key Night 7 Kids Day 7-8 RTTY Roundup 21-23 January VHF	February 2017 13-17 School Club Roundup 18-19 International DX – CW
March 2017 4-5 International DX– Phone	April 2017 16 Rookie Roundup – Phone
June 2017 10-12 June VHF 18 Kids Day 24-25 Field Day	July 2017 8-9 IARU HF World Championship
August 2017 5-6 222 MHz and Up Distance Contest 19-20 10 GHz & Up – Round 1 20 Rookie Roundup – RTTY	September 2017 9-10 EME - 2.3 GHz & Up 9-11 September VHF 16-17 10 GHz & Up - Round 2
October 2016 17-21 School Club Roundup 22-23 EME - 50 to 1296 MHz	November 2016 5-7 Nov. Sweepstakes – CW 19-21 Nov. Sweepstakes – Phone 19-20 EME - 50 to 1296 MHz <i>November 2017</i> 4-5 EME - 50 to 1296 MHz 4-6 Nov. Sweepstakes – CW 18-20 Nov. Sweepstakes – Phone
December 2016 2-4 160 Meter 10-11 10 Meter 18 Rookie Roundup–CW <i>December 2017</i> 1-3 160 Meter 9-10 10 Meter 17 Rookie Roundup–CW	<div> Check your emails for additional contest and special event activities </div>

WINTER FIELD DAY ENTRIES

K4CGA's Contest Summary Report for WFD

Total Contacts = 269

Total Points = 807

Operating Period: 2017/01/28 20:21 - 2017/01/29 17:02

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	0	12	0	12	4
40	0	224	0	224	83
20	0	33	0	33	12
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Total	0	269	0	269	100

Total Contacts by Section: = 48

Total Contacts by State \ Prov: = 35

Total Contacts by Country:

Country	Total	%
-----	-----	---
USA	256	95
Canada	13	5



K4BBH's Contest Summary Report for WFD

Total Contacts = 132

Total Points = 396

Operating Period: 2017/01/28 19:08 - 2017/01/29 18:54

Total Contacts by Band and Mode:

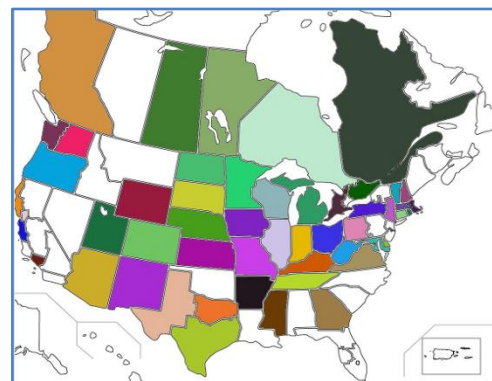
Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	0	34	0	34	26
40	0	14	0	14	11
20	0	84	0	84	64
----	--	-----	---	-----	---
Total	0	132	0	132	100

Total Contacts by Section: = 52

Total Contacts by State \ Prov: = 42

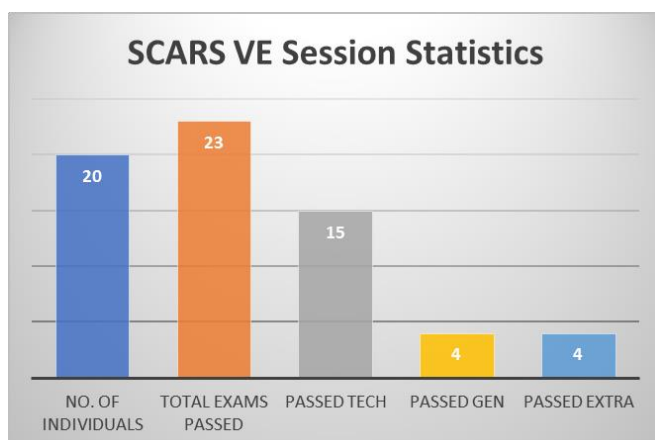
Total Contacts by Country:

Country	Total	%
-----	-----	---
USA	115	87
Canada	17	13



SCARS V.E. ACTIVITIES

Call	Date	Session Time	Name	City	State	Class
KM4YHM	6-Oct-2016	19:00	Eric Bryson	Marietta	GA	Tech
KM4YHN	6-Oct-2016	19:00	Houston Davidson	Austell	GA	Tech
KM4PEB	9-Nov-2016	14:00	Brian Bowie	Rockmart	GA	Extra
KM4ZAD	10-Nov-2016	19:00	Joseph Smarkusky	Kennesaw	GA	Tech
KM4ZAE	10-Nov-2016	19:00	John Thomas	Roswell	GA	Tech
KM4ZAF	10-Nov-2016	19:00	Robert Marorato	Atlanta	GA	Tech
KM4ZAG	10-Nov-2016	19:00	Jared Baker	Marietta	GA	Tech
KM4ZAH	10-Nov-2016	19:00	Wesley Bussey	Atlanta	GA	Tech
KM4ZAI	10-Nov-2016	19:00	Wesley Carlton	Atlanta	GA	Tech
KW4ZJ	10-Nov-2016	19:00	Chris Paul	Rome	GA	Tech, Gen, Extra
K4BTA	10-Nov-2016	19:00	Luis Velazquez	Marietta	GA	Extra
KM4ZMW	30-Nov-2016	14:00	Richard Bowhall	Dallas	GA	Tech
KM4VTE	1-Dec-2016	19:00	Tommy LeBoeuf	Dallas	GA	Gen
KM4ZOU	1-Dec-2016	19:00	Robert Mciver	Atlanta	GA	Tech
KM4ZOV/ K1SSL	1-Dec-2016	19:00	Sherwin Lee	Acworth	GA	Tech
KF4UOS	12-Jan-2017	19:00	Michael Blackwell	Douglasville	GA	Extra
KM4ZMW	12-Jan-2017	19:00	Richard Bowhall	Dallas	GA	Gen
KM4AXY	12-Jan-2017	19:00	Daniel Ramaswami	Milton	GA	Gen
KN4AHC	12-Jan-2017	19:00	Bernard Poulin	Smyrna	GA	Tech
KN4AHD	12-Jan-2017	19:00	Michael Frailey	Marietta	GA	Tech
KN4AHE	12-Jan-2017	19:00	William Muscarella	Atlanta	GA	Tech



No. of Individuals	Total Exams Passed	Passed Tech	Passed Gen	Passed Extra
20	23	15	4	4

K4ELI and the VE Team will be testing on Jan. 2 at 7pm at Burnt Hickory Baptist Church, Due West Road, Powder Springs.

All classes of licenses 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 ARRL web site for more details.

Silver Comet Amateur Radio Society

2017 Calendar

** Don't forget "BABJ" [Breakfast At Bolangles] every Thursday morning at 9am. **

	January	February	March	April	May	June	July	August	September	October	November	December
Meeting 1st Tuesday Date/Time:	01-03-2017 7pm	02-07-2017 7pm	03-07-2017 7pm	04-04-2017 7pm	05-02-2017 7pm	06-06-2017 7pm	07-11-25016 7pm	08-01-2017 7pm	09-05-2017 7pm	10-03-2017 7pm	11-07-2017 7pm	12-05-2017 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	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	Ham Radio Q&A & Demo (Ask a ? of an old timer)	Russell Elem. Space Team (KM4RE)	Digital Ham Radio D-Star/PSK (WB3ILX)	Severe Weather Presentation (K4DMF)	Solar Eclipse by a Guest Speaker (K4DMF)	Field Day Primer & Planning (Volunteer Planner Needed)	Mystery Guest Speaker/Topic	Cheap Antenna Construction	3rd Annual AM Radio DX Contest or ???	White Elephant Night ***** Club Officers Nominations	Your Suggestion Here ***** Club Officers Voting	Holiday Dinner ***** Election Results
Additional Activities	TBD	TBD	Saturday Breakfast (Proposed)	GA QSO Party	Family Night Dinner (TBA)	Field Day GOTA	TBD	TBD	Club Fall Picnic (Location TBD)	Jamboree On The Air (TBD)	TBD	TBD
Hamfest Schedule	Lawrenceville TechFest	Dalton, GA	Birmingham, AL Elijay	Mobile, AL Calhoun	Dayton, OH	Atlanta, GA	Cullman, AL	Huntsville, AL	Dallas SEDEC DX	La Grange, GA Chattanooga Rome, GA	Lawrenceville Montgomery, AL	
This calendar is "Subject to change" based on suggestions received from the membership. Submit your suggestions now!												v1.3.17

Program
Change!
Do not
miss this
one!

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:

Yahoo Group Request:

SilvercometARS

www.silvercometars.com

146.955 (-) (77hz)

Contact: *Club President*
John Reynolds, W4TXA

Email: JREYNOLDS411@comcast.net

SILVERCOMET ARS, INC.

PO BOX 1873

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