The Prez Sez

As February is approaching, I am still reminded about the "indoor" fascination with out hobby. And, one of the great things that one can do during our winter months is study various reference books and add more knowledge to the "hobby". As I recall two of our members recently upgrading to General and to Extra. Both members are now "spouting off" about how great the new band areas are. So... to you Technicians, and to you Generals who might be thinking about upgrading, **Yes, it is worth it.** I will have several Amateur Extra books available at our next meeting. Please let me know if you are interested. Also, please keep in mind that the General test questions will change this coming July 1st. So any of you that have the present book, it will be updated for July 1st. But - no pressure. As always, if any of you have **ANY** questions about upgrading your License status, please feel free to contact me, or any other V.E. (Volunteer Examiner).

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:

Copies of past SKYWAVE newsletters can be found at the club website http://www.silvercometars.com/newsletter.php . Your suggestions and submissions are greatly appreciated. Please email your pictures or articles for publication prior to the 25th of each month. The earlier, the better. If you have not submitted a member biography, please do so.

Chuck K4CGA, Editor

Monday – "SCARS Night Out" Net!

Please check in if you get a chance and participate in discussions on just about any subject you choose. Check-in begins at 7:30PM. Look forward to hearing from you. It's fun and informative.

73's David Walk – K4BBH

Mark your Calendar!

Feb. 5th – SCARS Club Meeting
Feb. 8th-10th – HamCation Orlando
Feb. 14th – Valentines Day
Feb. 23rd - Dalton HamFest

$$$$...Dues-R-Due...$$$

The New Year is here! Now is the time to pay your 2019 dues if you have not already done so. You can pay our treasurer, Dave K4DMF, by check, cash or credit card at the meetings or at breakfast or by Pay-Pal online at www.silvercometars.com

SCARS Community Food Drive!

How can SCARS help? We still need your help. Let's keep up the good work and help fight hunger in our community. 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 for distribution to those in need. Remember, this is voluntary.

Welcome Our New Members!

Please welcome the following new members to the Silvercometars family. If you hear them on the air, please introduce yourself and welcome them to the club.

Marty Grayson .... KN4KKO   Michael Burgin KM4HB
Barry Jones KN4QQD

Ouch!

W4TXA – John: Our beloved and illustrious President is recovering from a "detached retina" in one eye. John will be "head down" for several weeks. John, we wish you a speedy recovery.

K4CGA – Chuck: Your award winning editor is scheduled for "carotid artery" surgery, on the 4th of February with a 3-4 weeks recovery followed by a second surgery with another 3-4 weeks recovery. The March newsletter may be delayed.

K4ZMW – Rick: Finally starting to recover from the coughing crud. We wish you a speedy recovery.

If I have missed anyone, we wish you a speedy recovery too!

January Program – Portable/Go Box by W4DTO!

Dan-W4DTO gave an excellent presentation on GO Boxes and Portable Operation displaying his personal Go Kit and describing his approach to designing and building it. Rick-K4ZMW, Chuck-K4CGA and Ron-WB3ILX were invited by Dan to display their Go Kits and explain their approach to putting them together. Interest in this presentation was high and many questions were asked. You can view the video of this presentation on the SCARS YouTube channel at: https://www.youtube.com/channel/UCaL7UG0gkRJxV7lnTj_P3IQ

W4DTO's Go Box

K4ZMW's Go Kit and antenna launcher

K4ZMW's Go Kit

K4CGA's Go Box   WB3ILX's Go Box

Member Upgrades & More!

Dave-K4DMF   General Class

Janice-KN4JNC   Extra Class

Dave-K4BBH   Extra Class

Brian-KN4BNZ   Extra Class

Steve-K4ELI accepting Certificate of Appreciation
from SCARS President John-W4TXA

QSO, QRA, QSY, QTH! What is that?

The **Q code** is a standardized collection of three-letter codes all of which start with the letter "Q". It is an underlined operating signal initially developed for commercial radiotelegraph communication and later adopted by other radio services, especially amateur radio. To distinguish the use of "Q" codes transmitted as questions from those transmitted as statements, operators used the Morse question "INT" (dit dit dah dit dah) as a prefix to the "Q" code.

Although Q codes were created when radio used Morse code exclusively, they continued to be employed after the introduction of voice transmissions. To avoid confusion, transmitter call signs are restricted; no country is ever issued an ITU prefix starting with "Q".
Codes in the range QAA–QNZ are reserved for aeronautical use; QOA–QQZ for maritime use and QRA–QUZ for all services.

Early developments

The original Q codes were created, *circa* 1909, by the British government as a "list of abbreviations... prepared for the use of British ships and coast stations licensed by the Postmaster General". The Q codes facilitated communication between maritime radio operators speaking different languages, so they were soon adopted internationally. A total of forty-five Q codes appeared in the "List of Abbreviations to be used in Radio Communications", which was included in the Service Regulations affixed to the Third International Radiotelegraph Convention in London (The Convention was signed on July 5, 1912, and became effective July 1, 1913.)

Later usage

Over the years the original Q codes were modified to reflect changes in radio practice. For example, QSW/QSX originally stood for, "Shall I increase/decrease my spark frequency?", but in the 1920s, spark-gap transmitters were banned in the United States, rendering that meaning obsolete. By the 1970s, the *Post Office Handbook for Radio Operators* listed over a hundred Q codes, covering a wide range of subjects including radio procedures, meteorology, radio direction finding, and search and rescue.

Some Q codes are also used in aviation, in particular QNE, QNH and QFE, referring to certain altimeter settings. These codes are used in radiotelephone conversations with air traffic control as unambiguous shorthand, where safety and efficiency are of vital importance. A subset of Q codes is used by the Miami-Dade County, Florida local government for law enforcement and fire rescue communications, one of the few instances where Q codes are used in ground voice communication.

The QAA–QNZ code range includes phrases applicable primarily to the aeronautical service, as defined by the International Civil Aviation Organization. The QOA–QQZ code range is reserved for the maritime service. The QRA–QUZ code range includes phrases applicable to all services and is allocated to the International Telecommunications Union. QVA–QZZ are not allocated. Many codes have no immediate applicability

outside one individual service, such as maritime operation (many QO or QU series codes) or radioteletype operation (the QJ series).

Many military and other organizations that use Morse code have adopted additional codes, including the Z code used by most European and NATO countries. The Z code adds commands and questions adapted for military radio transmissions, for example, "ZBW 2", which means "change to backup frequency number 2", and "ZNB abc", which means "my checksum is abc, what is yours?"

Used in their formal "question/answer" sense, the meaning of a Q code varies depending on whether the individual Q code is sent as a question or an answer. For example, the message "QRP?" means "Shall I decrease transmitter power?", and a reply of "QRP" means "Yes, decrease your transmitter power", whereas an unprompted statement "QRP" means "Please decrease your transmitter power". This structured use of Q codes is fairly rare and now mainly limited to amateur radio and military Morse code (CW) traffic networks.

Breakdown by service

- QAA to QNZ – Assigned by the International Civil Aviation Organization (ICAO).
- QNA to QNZ – The American Radio Relay League (ARRL) has also developed its own codes for message handling located in this range. Even though they overlap with other signals, the ARRL determined that their exclusive use in NTS nets limits confusion.
- QOA to QQZ – For the Maritime Mobile Service.
- QRA to QUZ – Assigned by the International Telecommunications Union Radiocommunication Sector (ITU-R).

 Amateur Radio

Amateur radio actually has adapted two different sets of Q codes for use in amateur communications. The first set come from the ITU civil series QRA through QUZ. Most of the meanings are identical to the ITU definitions, however, they must be looked at in the context of amateur communications. For example, QSJ? asks what the charges are for sending the telegraph. Since amateur communications are without charge, this Q code would not make sense.

The second set is the set of QN Signals, used only in ARRL NTS nets. These operating signals generally have no equivalent in the ACP 131 publication or ITU publications, and are specifically defined only for use in ARRL NTS nets. They are not used in casual amateur radio communications. Selected Q codes were soon adopted by amateur radio operators. In December 1915, the American Radio Relay League began publication of a magazine titled *QST*, named after the Q code for "General call to all stations". In amateur radio, the Q codes were originally used in Morse code transmissions to shorten lengthy phrases and were followed by a Morse code question mark (··——··) if the phrase was a question.

Q codes are commonly used in voice communications as shorthand nouns, verbs, and adjectives making up phrases. For example, an amateur radio operator will complain about QRM (man-made interference), or tell another operator that there is "QSB on the signal" (fading); "to QSY" is to change your operating frequency, or to break in on a conversation QSK is often used even on VHF and UHF frequencies. (See also Informal usage, below.)

Q codes as adapted for use in amateur radio

| Code	Question	Answer or Statement
QLE	What is your expected signal?	The expected signal is low...
QNI	May I join the net?	You may check in...
QRA	What is the name (or call sign) of your station?	The name (or call sign) of my station is ...
QRG	Will you tell me my exact frequency (or that of ...)?	Your exact frequency (or that of ...) is ... kHz (or MHz).
QRH	Does my frequency vary?	Your frequency varies.
QRI	How is the tone of my transmission?	The tone of your transmission is (1. Good; 2. Variable; 3. Bad)
QRJ	How many voice contacts do you want to make?	I want to make ... voice contacts.
QRK	What is the readability of my signals (or those of ...)?	The readability of your signals (or those of ...) is ... (1 to 5).
QRL	Are you busy?	I am busy. (or I am busy with ...) Please do not interfere.
QRM	Do you have interference? [from other stations]	I have interference.
QRN	Are you troubled by static?	I am troubled by static.
QRO	Shall I increase power?	Increase power.
QRP	Shall I decrease power?	Decrease power.
QRQ	Shall I send faster?	Send faster (... wpm)
QRS	Shall I send more slowly?	Send more slowly (... wpm)
QRT	Shall I cease or suspend operation?/ shutoff the radio	I am suspending operation. /shutting off the radio
QRU	Have you anything for me?	I have nothing for you.
QRV	Are you ready?	I am ready.
QRW	Shall I inform ... that you are calling him on ... kHz (or MHz)?	Please inform ... that I am calling him on ... kHz (or MHz).
QRX	Shall I standby / When will you call me again?	Please standby / I will call you again at ... (hours) on ... kHz (or MHz)
QRZ	Who is calling me?	You are being called by ... on ... kHz (or MHz)
QSA	What is the strength of my signals (or those of ...)?	The strength of your signals (or those of ...) is ... (1 to 5).
QSB	Are my signals fading?	Your signals are fading.
QSD	Is my keying defective?	Your keying is defective.
QSG	Shall I send ... telegrams (messages) at a time?	Send ... telegrams (messages) at a time.
QSK	Can you hear me between your signals?	I can hear you between my signals.
QSL	Can you acknowledge receipt?	I am acknowledging receipt.
QSM	Shall I repeat the last telegram (message) which I sent you, or some previous telegram (message)?	Repeat the last telegram (message) which you sent me (or telegram(s) (message(s)) numbers(s) ...).
QSN	Did you hear me (or ... (call sign)) on .. kHz (or MHz)?	I did hear you (or ... (call sign)) on ... kHz (or MHz).
QSO	Can you communicate with ... direct or by relay?	I can communicate with ... direct (or by relay through ...).
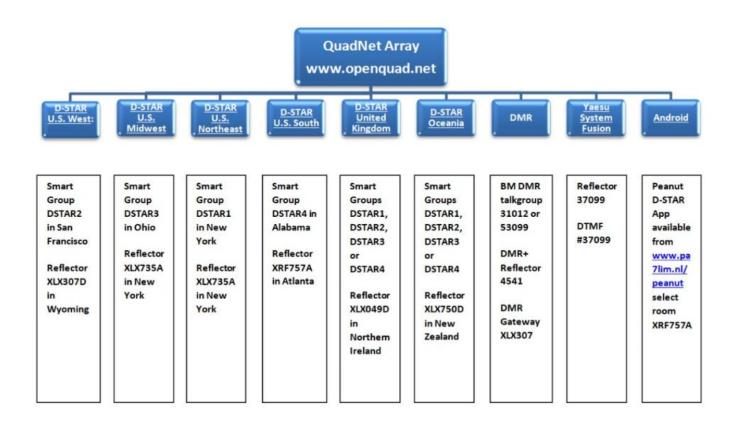
QSP	Will you relay a message to ...?	I will relay a message to ... .
QSR	Do you want me to repeat my call?	Please repeat your call; I did not hear you.
QSS	What working frequency will you use?	I will use the working frequency ... kHz (or MHz).
QST	–	Here is a broadcast message to all amateurs.
QSU	Shall I send or reply on this frequency (or on ... kHz (or MHz))?	Send or reply on this frequency (or on ... kHz (or MHz)).
QSW	Will you send on this frequency (or on ... kHz (or MHz))?	I am going to send on this frequency (or on ... kHz (or MHz)).
QSX	Will you listen to ... (call sign(s) on ... kHz (or MHz))?	I am listening to ... (call sign(s) on ... kHz (or MHz))
QSY	Shall I change to transmission on another frequency?	Change to transmission on another frequency (or on ... kHz (or MHz)).
QSZ	Shall I send each word or group more than once?	Send each word or group twice (or ... times).
QTA	Shall I cancel telegram (message) No. ... as if it had not been sent?	Cancel telegram (message) No. ... as if it had not been sent.
QTC	How many telegrams (messages) have you to send?	I have ... telegrams (messages) for you (or for ...).
QTH	What is your position in latitude and longitude (or according to any other indication)?	My position is ... latitude...longitude
QTR	What is the correct time?	The correct time is ... hours
QTU	At what times are you operating?	I am operating from ... to ... hours.
QTX	Will you keep your station open for further communication with me until further notice (or until ... hours)?	I will keep my station open for further communication with you until further notice (or until ... hours).
QUA	Have you news of ... (call sign)?	Here is news of ... (call sign).
QUC	What is the number (or other indication) of the last message you received from me (or from ... (call sign))?	The number (or other indication) of the last message I received from you (or from ... (call sign)) is ...
QUD	Have you received the urgency signal sent by ... (call sign of mobile station)?	I have received the urgency signal sent by ... (call sign of mobile station) at ... hours.
QUE	Can you speak in ... (language), – with interpreter if necessary; if so, on what frequencies?	I can speak in ... (language) on ... kHz (or MHz).
QUF	Have you received the distress signal sent by ... (call sign of mobile station)?	I have received the distress signal sent by ... (call sign of mobile station) at ... hours.

QuadNet Array - DSTAR and DMR Done Your Way!

What is QuadNet? QuadNet is an open ircDDB routing network that does not require registration. All that is needed is a valid amateur radio license and the call sign is being legally used. It is an easy and smart way to bring ham radio digital modes together.

For more information go to: www.openquad.net   *Courtesy of WB4QOJ*

QuadNet Array
www.openquad.net

D-STAR U.S. West:	D-STAR U.S. Midwest	D-STAR U.S. Northeast	D-STAR U.S. South	D-STAR United Kingdom	D-STAR Oceania	DMR	Yaesu System Fusion	Android
Smart Group DSTAR2 in San Francisco

Reflector XLX307D in Wyoming | Smart Group DSTAR3 in Ohio

Reflector XLX735A in New York | Smart Group DSTAR1 in New York

Reflector XLX735A in New York | Smart Group DSTAR4 in Alabama

Reflector XRF757A in Atlanta | Smart Groups DSTAR1, DSTAR2, DSTAR3 or DSTAR4

Reflector XLX049D in Northern Ireland | Smart Groups DSTAR1, DSTAR2, DSTAR3 or DSTAR4

Reflector XLX750D in New Zealand | BM DMR talkgroup 31012 or 53099

DMR+ Reflector 4541

DMR Gateway XLX307 | Reflector 37099

DTMF #37099 | Peanut D-STAR App available from www.pa7lim.nl/peanut select room XRF757A |

HAPPY VALENTINE'S DAY!

Peanut - DSTAR without a radio!

"Peanut", by PA7LIM, is a new application that allows amateurs to talk on the DSTAR system from any Android device. *You must be registered with the DSTAR system to be heard on the DSTAR Reflectors.*

The current release of the Peanut app is an evaluation release intended to identify issues and improvements. It is fully functional; however, you must enter an activation code that will be emailed to you after you submit a request on the website http://www.pa7lim.nl/peanut/

The Peanut app contains an embedded list of destination rooms and reflectors. Once activated, operation is very similar to that of Echolink.

Transcoding to DMR, DSTAR, & System Fusion is made possible through the use of AMBE3000 chips located in several sites around the world.

The Peanut app can be downloaded from the Play Store. Additional information about the Peanut app and requests for activation code: http://www.pa7lim.nl/peanut/

Call & Call

I Love You

Interesting Websites

2019 Guide To Meteor Showers, Lunar Eclipse, Supermoons In GA
https://patch.com/georgia/dallas-hiram/s/gl4tj/2019-guide-to-meteor-showers-lunar-eclipse-supermoons-in-ga?utm_term=article-slot-1&utm_source=newsletter-daily&utm_medium=email&utm_campaign=newsletter

First Class CW Operators' Club
https://www.g4foc.org/Improving-Your-CW

Try talking with the Spacestation
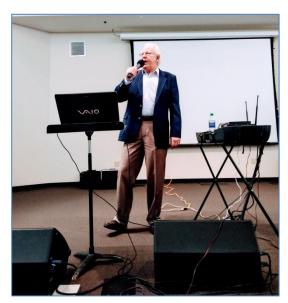*http://www.ariss.org/contact-the-iss.html*

Interesting Contributions

Our own K4BBH Dave performing "Golden Age" music for retirees and seniors at his Rockmart Church. SCARS members were invited and enjoyed the music and lunch.

KN4IEP Antenna Installation

On January 5th, in the freezing cold, a couple of die-hard SCARS members gathered at KN4IEP - Keith's house to assist him with stringing a 170ft End Fed Long Wire (EFLW) antenna. The antenna party consisted of Keith himself, project manager Steve – K4ELI, sharpshooter Troy – K4JDA, and newsletter reporter Chuck –K4CGA.

Keith now has an EFLW antenna 70 feet in the air and WOW! What a signal. Look for KN4IEP's kick-butt signal on the air.

Is it a Bird? Is it a Plane? Nope!
It's an End Fed Long Wire!

Keith, Steve & Troy try to ID an appropriate tree.

Troy gets locked and loaded while Steve acts as a safety.

Steve inspects the stake for the mounting of the balun.

Final installation of the balun made by Keith himself.

A Brief History of Things You Don't Know!
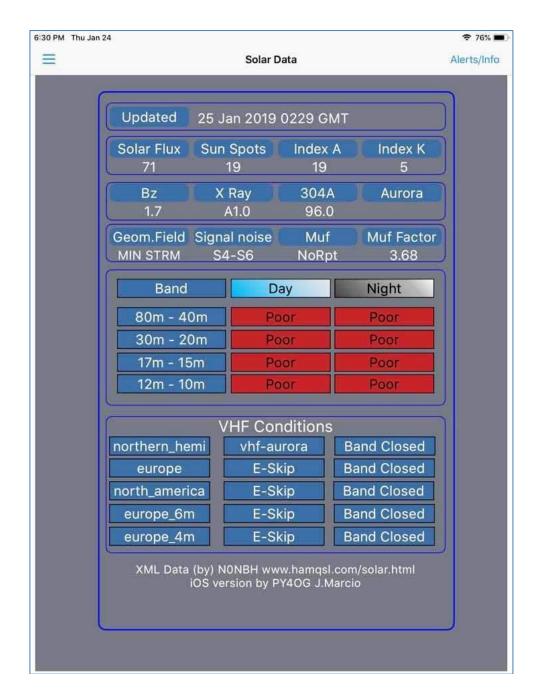
1. Amplitude Modulation (AM): 1900
2. Semi-automatic CW Keys (Bugs): 1902
3. Vacuum Tubes: 1906
4. Single Sideband (SSB): 1915
5. Radio Teletype (RTTY): 1922
6. Repeaters: 1935
7. Electronic CW Keyers: 1945
8. Transistors: 1948
9. Electronic digital programmable computers: 1948
10. Antenna Rotators: 1950
11. Integrated Circuits: 1958
12. Digital Signal Processing: 1960
13. Microprocessors: 1971
14. the Internet: 1972
15. CW Decoding Software: 1975
16. Automatic Link Establishment (ALE): 1978
17. Packet Radio: 1980
18. DX Clusters: 1989
19. Pactor: 1991
20. PSK: 1998
21: FT8: 2017

Courtesy of WB4QOJ

Tidbits of Information

Congratulations to Steve Walls K4ELI and Ron Cline KM4CUB for their hard work attending the CW Academy. We look forward to working both of you on the air soon as CW operators.

Don't Hear Anything? Here Is Why!

Looking for more predicitions and information?
Here are just a few of many references.

http://www.hamqsl.com/solar.html
http://www.solarham.net/index.htm
http://prop.hfradio.org/

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 ??????**

From 1940 Sears Catalog

DANGER
HIGH VOLTAGE

DANGER
NOT ONLY WILL
THIS KILL YOU
IT WILL HURT
THE WHOLE TIME
YOU'RE DYING

My electrcian son's boss put this warning label up after the code inspector said his warning labels were not "clear enough".

Recent SCARS Website Updates:

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

- **Digital Modes** Page Updated with link to:
  - o **QuadNet2 USA IRC Network** (Open source D-Star Routing and more)
- **CONTACT** Page updated with 2019 Officers & New Board Members.
- **Pay Membership Dues** link added to the **Categories list** on the home page.

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

SCARS Winter Field Day Results

Silver Comet A R S Contest Report WFD Contest Total Score = 832
Current status: 01/28 15:44 UTC

Total uploader currently off line. Please see individual upload pages.

Call	Score	QSOs	20 Min	60 Min	Frequency
K4BBH	264	88	0	0	3.78727
KN4MVZ	219	73	9	7	7.28000
KM4VTE	201	67	0	0	3.97500
K4ELI	66	33	0	0	3.83000
K4LDC	51	17	0	0	
K4JDA	24	12	0	0	3.83000
K4CGA	4	4	0	0	7.20609
KN4IEP	3	3	0	0	0.000000

N3FJP Software: www.n3fjp.com

2019 CQ Magazine WW VHF Contest

January 2019 CQ magazine WW VHF contest results are in.

Larry K4LDC placed #1 in Georgia for this contest with a square loop 20ft high. How amazing is that! Congratulations Larry. We need more folks to submit their logs after contests.

CLUB COMPETITION
(Minimum of 3 entries required for listing)

UNITED STATES

Club Name	# Entries	Score
SOCIETY OF MIDWEST CONTESTERS	15	244,500
NEW MEXICO VHF SOCIETY	10	217,111
ARIZONA OUTLAWS CONTEST CLUB	21	193,293
POTOMAC VALLEY RADIO CLUB	34	193,224
CENTRAL TEXAS DX AND CONTEST CLUB	4	174,595
NORTHERN LIGHTS RADIO SOCIETY	11	161,746
TEXAS DX SOCIETY	3	158,868
NORTH EAST WEAK SIGNAL GROUP	8	123,062
PACIFIC NORTHWEST VHF SOCIETY	25	100,879
CAROLINA DX ASSOCIATION	6	99,257
MT AIRY VHF RADIO CLUB	9	95,165
FLORIDA CONTEST GROUP	8	90,418
GRAND MESA CONTESTERS OF COLORADO	11	90,333
CTRI CONTEST GROUP	3	83,468
NORTH TEXAS CONTEST CLUB	3	73,788
BADGER CONTESTERS	9	72,244
ALABAMA CONTEST GROUP	3	42,142
YANKEE CLIPPER CONTEST CUB	7	34,215
TENNESSEE CONTEST GROUP	3	22,248

Club Name	# Entries	Score
NORTHERN CALIFORNIA CONTEST CLUB	3	19,797
SOUTHERN CALIFORNIA CONTEST CLUB	6	18,904
DFW CONTEST GROUP	5	14,880
MINNESOTA WIRELESS ASSN	8	9,689
FRANKFORD RADIO CLUB	4	7,936
SILVER COMET AMATEUR RADIO SOCIETY	3	5,982
WILLAMETTE VALLEY DX CLUB	4	5,477
MAD RIVER RADIO CLUB	5	5,453

DX

Club Name	# Entries	Score
ITALIAN CONTEST CLUB	3	71,246
XE-DXERS	3	43,002
CONTEST CLUB ONTARIO	10	22,133
UKRAINIAN CONTEST CLUB	10	9,916
CLUB DE RADIO EXPERIMENT		
ADORES DE OCCIDENTE	4	5,646
CDR GROUP	10	2,760
CABREUVADX	6	1,165
RADIO CLUB KVARNER RIJEKA	6	937
SIAM DX GROUP	4	252

The Radio Amateur's Journal

Takes pleasure in awarding this Certificate of Merit to

K4LDC

in recognition of your achievement in the 2018

World Wide VHF Contest

placing   **#1 W4-Georgia**
for the   **Single-Operator All Bands**   *category*

A total score of   **4,134**   points was computed on the basis of the number of stations worked and grid squares contacted. In witness of this achievement, we hereby affix our signatures on this day.

N8BJQ
VHF Contest Director

W2VU
Editor, CQ

Contest & Special Events

January 2019	February 2019
1 **Straight Key Night**	11-15 **School Club Roundup**
5 **Kids Day**	**International** 16-7 **DX – CW**
5-6 **RTTY Roundup**	
19-21 **January VHF**	

March 2019	April 2019
2-3 **International DX– Phone**	14 **Rookie Roundup – Phone**

June 2019	July 2019
8-10 **June VHF**	13-14 **IARU HF World Championship**
15 **Kids Day**	
22-23 **Field Day**	

August 2019	September 2019
3-4 **222 MHz and Up Distance Contest**	14-16 **September VHF**
17-18 **10 GHz & Up – Round 1**	21-22 **10 GHz & Up - Round 2**
18 **Rookie Roundup – RTTY**	21-22 **EME - 2.3 GHz & Up**

October 2019	November 2019
21-25 School Club Roundup	2-4 **Nov. Sweepstakes – CW**
19-20 **EME - 50 to 1296 MHz**	16-18 **Nov. Sweepstakes – Phone**
	16-17 **EME - 50 to 1296 MHz**

December 2019	
6-8 **160 Meter**	
14-15 **10 Meter**	
15 **Rookie Roundup–CW**	

Check your emails for additional contest and special event activities

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

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 **

	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)	JS8Call (KN4CRD)	Weather (K4DMF)	Remote Operations (W4DTO)	Field Day Preparations
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
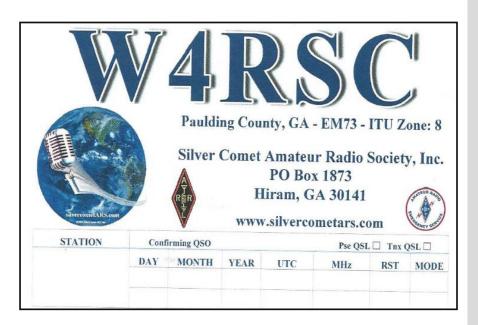
V2019.02

Silver Comet Amateur Radio Society
2019 Calendar

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

	July	August	September	October	November	December
Meeting 1st Tuesday Date/Time:	07-02-2019 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	Digital (Wb3ILX)	Computer Controls (TBD)	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.	

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V2019.02

SILVER COMET AMATEUR RADIO SOCIETY, INC.

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