

The Mike & Key

Volume 82

Fall 2018

Issue 4

Greater Cincinnati Amateur Radio Association, Inc.
82 years of service to the Greater Cincinnati Community



**Starting with the next issue of
The Mike & Key
There will be no electronic issues.**

**TM&K will be snail mailed to
Members Only.
See page 5 for details**



Meetings

4th Wednesday

Maple Knoll (Breeze Manor)
11200 Springfield Pike,
Springdale, Ohio

(Take Maple Trace Dr. off Springfield Pike)

If the Main Door to the Breeze Manor is locked, please use the Communication Device located near the entrance to request entrance to the building.

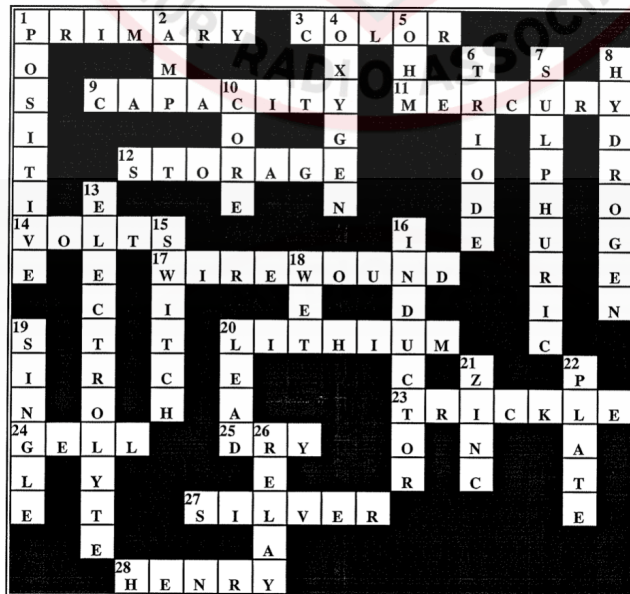
UPCOMING MEETINGS

October 24

December 12...GCARA Christmas Party

November - February...NO MEETING

SOLUTION



Published bi-monthly by the
 Greater Cincinnati Amateur Radio Assoc. Inc.
 Submit ads and news to the editor
 Deadline: forth Wednesday of the month

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W8DZ 2M REPEATER :

145.27MHz -600
 TONE: 123Hz
 (set 123hz for recieve
 to eliminate the QRM from DARA D-Star)

1936 Net

1.936 MHz, Thursdays 9:00pm

Net Control:

Jay Adrick, K8CJY / Geoff Mendelhall, W8GNM

DONATIONS TO THE GCARA may be tax deductible.
 Contact the treasurer for information

Meeting



Minutes

July General Membership Meeting

Subject: July Membership Meeting
Date: July 25, 2018
Location: Maple Knoll Village, Breeze Pavilion
Time: 7:00 PM

Participants:

President - Neal Berter, N8QFZ Present
Vice Pres. - Rick Burdick K8WWA Present
Second VP – Don Ferneding, N8 LMJ Present
Treasurer, - Gary Osborne, W8XS Present
Corresponding Secretary, and Membership – Richard Pestinger, KC8RP Absent
Recording Sec. - Allan Hale, WA9IRS, Present

Meeting commenced: at 7:00 PM

Call to Order: - President Berter

Pledge of Allegiance.

Pledge of allegiance, and roll call of members present

Introductory remarks by President Berter

Neal thanked all in attendance. Since our planned program did not happen this evening, we will be having a roundtable on the new digital systems and the newest Software Defined Radio scanners.

Announcements – Neal mentioned the Meeting Sign-up sheet is available for all to sign on the front table. Remember that all members present should sign in on the sign up roster to obtain credit for attendance at the meetings which impacts the amount needed for the December Christmas Party event on December 12th.

Membership – Richard was absent this evening. Please don't forget that quite a number of 2017 members still have not paid their **2017 dues** as of this printing. Please remember to support the club with your dues payments to allow us to do the activities that the club sponsors. Please support the GCARA with your membership.

GCARA VE Session – The GCARA hosted a VE session on at the Blue Ash Recreation Center in Blue Ash on **June 13th at 6:30 PM at the Blue Ash Rec center.** Rick and Neal both mentioned that the GCARA VE test was a very successful this past month. We had 17 attendees at the test site and a total of 14 were successful in completing the test successfully! Rick mentioned that applicants should remember to bring two forms of identification for the next exam session. **Mike & Key** –The Mike & Key is posted on the webpage.

Silent Keys. None reported for the period.

Meeting Minutes – For the May and June meetings have been published in the GCARA Mike & Key.

Financial Report – Gary commented that the monthly summary for the club remains positive for the clubs funds. He also investigated the use of the ARRL insurance for our repeater equipment

Christmas Party – The GCARA Christmas Party is scheduled for **December 12th at the Manor House Restaurant.** Do not forget that those of you who have attended the membership meetings will receive a percentage off on your dinner ticket cost based on your percent of attendance at the clubs meetings and events.

Other Business

Repeater Progress- Neal mentioned that the repeater is up and running. Give the club machine a try. Remember it is at 145.270- with a PL of 123.

Further Comments?

There being no additional business, adjournment for the evening's Digital Radio discussion.

Neal wished all present a good evening and the membership adjourned to camaraderie with other members.

Adjournment at 8:38 PM

Respectfully submitted,

Allan Hale, WA9IRS

Recording Secretary

Subject: September Membership Meeting
Date: September 26, 2018
Location: Maple Knoll Village, Breeze Pavilion
Time: 7:00 PM

Participants:

President - Neal Berter, N8QFZ Present
Vice Pres. - Rick Burdick K8WWA Present
Second VP – Don Ferneding, N8 LMJ Present
Treasurer, - Gary Osborne, W8XS Present
Corresponding Secretary, and Membership – Richard Pestinger, KC8RP Present
Recording Sec. - Allan Hale, WA9IRS, Present

Meeting commenced: at 7:02 PM

Call to Order: - President Berter

Pledge of Allegiance.

Pledge of allegiance, and roll call of members present

Introductory remarks by President Berter

Neal thanked all in attendance.

Announcements – Neal mentioned the Meeting Sign-up sheet is available for all to sign on the front table. Remember that all members present should sign in on the sign up roster to obtain credit for attendance at the meetings which impacts the amount needed for the December Christmas Party event on December 12th.

Membership – Richard indicated that we currently have 37 paid up members in the club as of this evening. Please don't forget that quite a number of 2017 members still have not paid their **2017 dues** as of this printing. Please remember to support the club with your dues payments to allow us to continue with the activities that the club sponsors. Please support the GCARA with your membership.

GCARA VE Session – Rick and Neal both mentioned that the past June GCARA VE test was very successful this past month. We had 17 attendees at the test site and a total of 14 successful in completing the test for their license or upgrade. Rick mentioned that applicants should remember to bring two forms of identification for the next exam session.

Mike & Key –The Mike & Key is posted on the webpage. The staff and officers have decided that the mike & Key will no longer be posted on the webpage but rather it will be mailed out to the paid membership as a benefit of their club membership. If you want to receive the Mike & Key, please pay your membership dues.

Silent Keys. None reported for the period.

Meeting Minutes – For the July meeting is published in the GCARA Mike & Key.

Financial Report – Gary commented that the monthly summary for the club remains positive for the clubs funds. He also investigated the use of the ARRL insurance for our repeater equipment with the ARRL. It appears that the coverage for the club equipment is not very good using the ARRL insurance and we may be better off "self-insuring" the clubs repeater equipment. More on this later.

Christmas Party – The GCARA Christmas Party is scheduled for **December 12th at the Manor House Restaurant.** Do not forget that those of you who have attended the membership meetings will receive a percentage off on your dinner ticket cost based on your percent of attendance at the clubs meetings and events. Reservations are now being taken. Contact the club to be sure that you are counted for the Christmas party.

Other Business

Repeater Progress- Neal commented that the repeater is up and running. Give the club machine a try. Remember it is at 145.270- with a PL of 123.

Further Comments?

There being no additional business, adjournment for the evening's presentation from Paul Flaughter on using a solid state QRP rig as an exciter for a tube CW rig.

Neal wished all present a good evening and the membership adjourned to camaraderie with other members.

Adjournment at 8:41 PM

Respectfully submitted,

Allan Hale, WA9IRS

Recording Secretary

FT8 to be Permitted in 2019 ARRL RTTY Roundup

The ARRL Contest Branch has announced that participants in the 2019 **ARRL RTTY Roundup** will be permitted to use the new FT8 protocol, which is part of the **WSJT-X** software suite. The RTTY Roundup takes place January 5 - 6, 2019. A "Practice Contest" has been set for October 24 UTC (Thursday, October 25 in North American time zones). Details are below.

"Even though digital modes other than RTTY have been permitted in the RTTY Roundup for 30 years, FT8 was excluded in 2018, because it could not manage the required exchanges," ARRL Contest Branch Manager Bart Jahnke, W9JJ, said. "Through the work of the **WSJT-X** development team, the latest version of FT8 can handle the necessary exchanges that earlier versions were unable to do."

Some limitations will apply to FT8 entrants. Participants must use **WSJT-X version 2.0** or later to ensure they are able to transmit and receive the exchange messages the event requires. No unattended operation, including QSO/macro automations, will be allowed. Neither is FT8's Fox-and-Hounds mode; each contact must be carried out in a one-to-one mode, manually accepting/logging each contact.

Since ARRL contest rules regarding spotting assistance prohibit the use of "automated, multi-channel decoders" by Single-Operator entrants, stations using software that decodes *more than one* FT8 signal at a time will have to enter as Single-Operator Unlimited or as Multioperator, just as PSK participants have had to do in the past when using *fldigi* or *DigiPan* software.

Logging software developers have been advised that "DG" will be accepted as a mode abbreviation for all digital QSOs other than RTTY, which will continue to be designated as "RY." This will assist the ARRL Contest Branch in distinguishing RTTY from other digital-mode contacts in order to assess the popularity of each. Logs designating all contacts with "RY" will be accepted, however.

The Contest Branch is encouraging all participants to make the use of FT8 a success in RTTY Roundup by managing frequency selection and being patient with new contest operators. FT8 users also are advised to spread out to help increase decoding and contact success. The FT8 users' groups and online discussions will offer information about alternate carrier frequencies for FT8.

"This is a great opportunity for beginners interested in digital mode contesting," Jahnke said. "If you are a first-time RTTY, FT8, or other digital-mode contester, understand that high power and large antennas are not necessary for successful decodes." **Complete rules** are on the ARRL website.

Short "Practice Contest" Set for ARRL RTTY Roundup Participants Planning to Use FT8

A 1-hour "practice contest" will be held next week on Wednesday, October 24, 0200–0300 UTC (Thursday, October 25, in North American time zones). Use dial frequency 7.078 kHz, moving up in 2 kHz increments if interference is too great.

To participate you must use **WSJT-X version 2.0.0-rc3**. Installation packages for Windows, Linux, and macOS are near the bottom of the page. This version is "Release Candidate 3," a beta-test version. A full release of **WSJT-X 2.0** is targeted for release on December 10. There's also a revised **Quick-Start Guide** to WSJT-X 2.0-rc3. FT8 co-developer Joe Taylor, K1JT, advises reading the entire document before using **WSJT-X 2.0**. (Changes in RC3 relative to RC2 are described starting on page 7.) Some important reminders:

- On the "Settings/Advanced tab", check the boxes that say "Always generate 77-bit messages," "Decode only 77-bit messages," and "ARRL RTTY Roundup." In the field labeled "Exch," enter the 2- or 3-letter abbreviation for your state or province (US/Canadian stations), or enter DX if you are not in the US or Canada.
- Be sure that 7.078 appears in your drop-down frequency list for FT8 mode. You might need to do a reset on the Settings/Frequencies tab. If the subband starting at 7.078 becomes overcrowded, move to a higher dial frequency in 2 kHz increments — 7.080, 7.082, etc. Type Ctrl+Shift+F12 to move up by 2 kHz, or Ctrl+Shift+F11 to move down by 2 kHz.
- Do not use a compound or nonstandard call sign in this event.

Planning is underway for one or more dedicated FT8 contests to be held in the next few months. — *Thanks to Joe Taylor, K1JT*

1936 Net



**Thursday's 9:00pm
1.936 LSB (160M)**

1936 GCARA NET CONTROL STATIONS

NCS FOR THE GCARA 1936 NET ARE AS FOLLOWS

Net Controls...TBA

CO-NET MANAGERS: Jay Adrick, K8CJY & Geoff Mendenhall, W8GNM
Don't have an antenna for 160? Check with any of the above.

NOTE: THE 1936 NET IS THE OLDEST CONTINUALLY RUNNING NET
ON SSB AND AM.



This issue of TM&K will be the last to be placed on the internet. The reason for this change is we are sending out notifications to 3X the number of members of the GCARA.

TM&K has always been a benefit of the members of the GCARA and with the decline in membership, the board decided it was time to send out snail mail copies of the newsletter to GCARA members only. There will be a few exceptions to this, but for a non-member to receive a copy you must submit a request by email to the editor at tm&k@gcara.org.

We are taking applications and renewals for the 2019 membership. You can do this by filling out the application on page 11 or go to The GCAR webpage at www.gcara.org/home

If you have any questions contact the editor (Dave, K8SSN) at tm&k@gcara.org



GCARA 2018 Membership

The board of directors and staff have decided that yearly dues will be due at the picnic. Current paid up members will be extended to June 2018. New members: if using PayPal, please put Name, Call address, etc in the message box or send email to w8xs@arrl.net



History of the GCARA

by Al Haller W8PBX (SK)
Reprinted from TM&K Jan 2005

1936 NET SPECIAL AM NITE CHECK IN STATIONS AND RIGS

NCS NM4A VIKING 2..SX28..GT2-750 ARMY SURPLUS..MX2..AUDIO MIXER ELERCTRO VOICE M MIKE -R388 RECEIVER..

WB8GZX DX 188

WR4T..VIKING 1...BC610E MODEL..250 TH FINAL..BUILT 1945...DRAKE C-LINE..

WB8BFS...1000 WATT AUDIO JOHNSON RANGER COLLINS RX

W8FEJ TS140..R46 HALLICRAFTER RX HALLICRAFTER SKY BUDDY..

WB8BBM

W8DXF DRAKE TWINS .., ICOM 751 A

WA8ULW 756 1/2 WAVE DIPOLE.

W8RCB 775/AL82

W8PBX ICOM 751 AL 80A 160 MTER INVERTED L W0ALC SPEC

K8CJY ICOM 756 PRO WITH MANY SPEECH MODS..SPEC TRAPS

WB8DNO DX100 LOOP ANT 1/4 WAVE HOMEBREW TUNER HQ170 RX

K8IJU VIKING 2 HQ129X XYL GOT FOR HIM IN 1952

W8LBQ KENWOOD 850 WITH W0ALC INVERTED L

W4VAG JOE BC368 C BUILT 1962 BY CROSLY R390A RX 250 FT ANT

K8RRH GEORGE D104M HOME BREW SP COMP RIG GLOBE KING 500 WATT XMITTER EXCITER TS570-S HAS MADE MODS TO PREVENT

SELECTIVE QSB IN THE RX

W8GNM ICOM 756 PRO 2 2-4-400 A NO TUNER DIRECT TO ANTENNA WITH AFIXED MATCHING SYSTEM MENTIONED ABOUT THE

SELECTIVE FADING MORE PRESENT ON AM

KZ8ZZ 706 INVERTED L AUTO TUNER

KI4BFN LEN NJ6H 50 PWR SUPPLY ICOM 706 520 FT LOOP ANTENNA.

KB8CWC YEASU FT 990 25 WATTS

K8YHO D104 MIKE VIKING VALIANT SX99 RX

K8WOQ

K8JE ICOM 756 PRO 2 80 WATTS WINDOM ANTENNA

NJ6H KEN

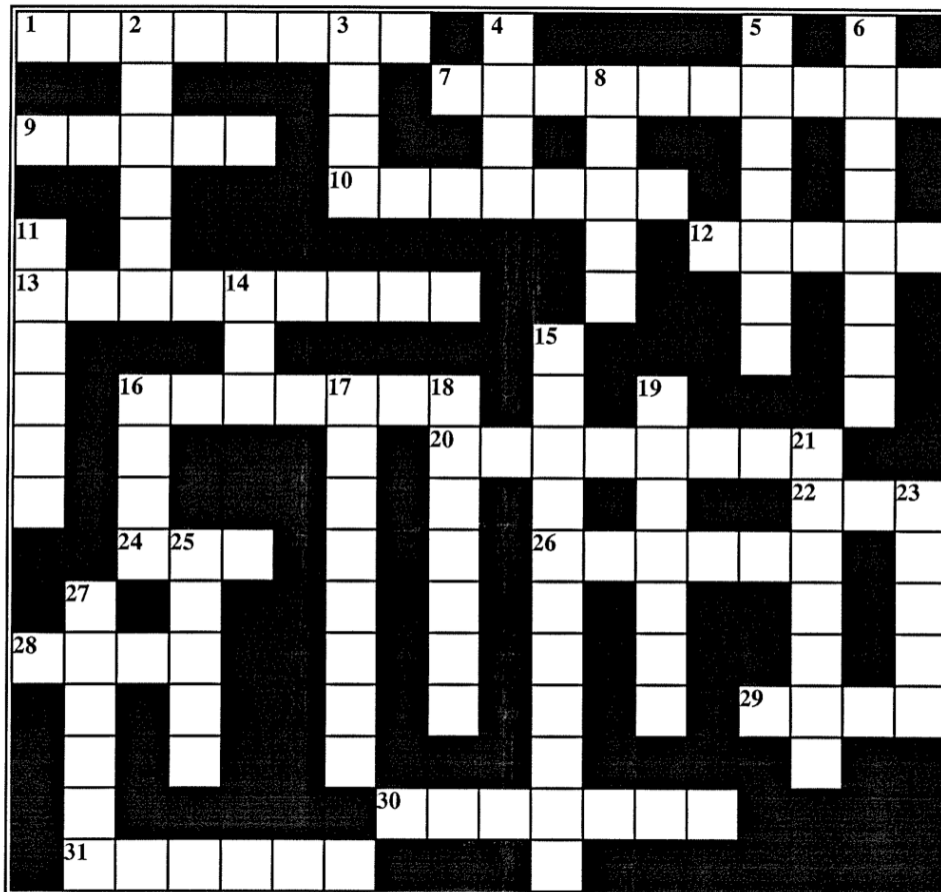
WA4SRE CARL

K4BRI

WC8E..DAVE..ICOM 746 HEAT KIT AMP RX 75A3

K4KYV BC XMITTER (GATES) BEVERAGE ANT 75 A4 RX NAME DON..ALSO WORKS 160 MTR CW

PORTABLE POWER



ACROSS

1. Expendable batteries that can't be charged easily
3. A code made of stripes used to mark resistance
9. The amp/hour rating of a battery is this
11. A battery type, a planet, a toxic liquid metal
12. Batteries that can be left charged a long time
14. The measure of electromotive force in batteries
17. A resistor made by winding wire on a form
20. Long life battery used in watches and computers
23. Charger that puts only a little energy into cells
24. Cells with an electrolyte like Jello
25. Cells without liquid electrolyte
27. _____ oxide batteries, chemical symbol Ag
28. Basic unit of inductance

DOWN

1. The + side of a battery terminal
2. ___/hrs is a rating of the capacity of a battery
4. A gas formed during the charging of a wet battery
5. Basic unit of resistance

6. Vacuum with three (3) active elements
7. Acid used as electrolyte (H₂SO₄)
8. One gas produced when charging a wet cell
10. Material in the center of an inductor coil
13. Liquid between the cells of a wet cell battery
15. A device used to connect or disconnect contacts
16. Made of a coil of wire on a central core
18. Cells with quantities of liquid electrolyte
19. Double throw, _____ pole (DPST switch)
20. acid batteries with metal plate made of Pb
21. Metal used in one type of primary batteries
22. The metallic sheet on one side of a wet battery
26. A switch that can be remote controlled

Solution found on
Page 2

© 2017, Allan Hale, WA9IRS

Member's Mart

FOR SALE: HEATHKIT LINEAR AMPLIFIER, MODEL SB 220, FOR \$250. Linear Amplifier has seen only limited use. Operate the Linear Amplifier with AB8RW's station, before you buy . Local pickup only.
AB8RW@AOL.COM 513-583-8440 Ray Wiltshire

Send ads to tm&k@gcara.org. Ads are free to members and subject to editing.
Deadline: last Monday of the month. Ads will run for two issues, unless otherwise requested.

TM&K ads usually work. If they don't, consider donating to the GCARA Equipment Support Committee.
Donations may be tax deductible.

Tips for New HAM'S

by WB6KHP

Guide to Choosing Your First Radio

You'll often hear that a handheld transceiver is not the best first radio for a new ham, and for good reason, handheld transceivers, while they are a completely functioning station in one device, are among the most limited transceivers available but often overlooked is the value of a handheld transceiver as a portable station that can be used at home, in the car, and in the field. Often the same folks that say that handheld transceivers aren't good starter radios, recommend alternatives such as HF/VHF/UHF all mode rigs, while a multi band all mode rig offers a wide range of operating possibilities, they are often out of the new ham's budget.

So, what makes a good first radio? It depends greatly on two things, what you will use the radio for, and your budget. People get amateur radio licenses for many reasons these days, some are interested in emergency communications, some, a technical hobby where building things and/or using cutting edge digital modes are most appealing, others just like to talk, and still some are lured to the hobby by tales of DX or from the short wave broadcast bands. Keeping these things in mind, different radio choices will be examined over the next several issues for their usefulness.

DX happenings..

2018 Oct20	2018 Oct29	Ivory Coast	TU5MH	LotW	DF3FS 20180926	By DF3FS; CW SSB; QSL requests via Club Log (your card not needed)	NG3K	NG3K
2018 Oct20	2018 Oct30	Bonaire	PJ4	LotW	DXW.Net 20180919	By NE9U as PJ4/NE9U; QSL also OK via NE9U (Buro or direct with SASE)	NG3K	NG3K
2018 Oct20	2018 Nov03	Ducie I	VP6D	LotW	K5GS 20171201	By K3EL HA5AO W2LK DJ9RR WA6O ZL3CW N6HC W1SRD N6WM HA0NAR PY2PT N6XG K5GS UT6UD NG2H fm IOTA OC-182; 160-10m; CW SSB + digital (incl FT8); 7 stns; QSL requests via Web OQRS (your card not needed)	NG3K	
2018 Oct21	2018 Nov01	St Barthelemy	FJ	LotW	TDDX 20181010	By F6CUK as FJ/F6CUK; all bands; SSB CW; wires; holiday style operation; QSL also OK via F6CUK (REF Buro or direct) and Club Log	NG3K	NG3K
2018 Oct22	2018 Oct30	Burkina Faso	XT2SZZ	S59ZZ	S59ZZ 20180702	By S54W S57L S58Y S59ZZ S50A; HF + 6m; QRV for CQWW DX SSB	NG3K	NG3K
2018 Oct24	2018 Nov28	Tanzania	5H3MB	LotW	OPDX 20180916	By IK2GZU fm Ilembula; HF; triband Yagi fixed on EU, vertical, dipole; spare time operation; QSL also OK via IK2GZU (Buro or direct) and eQSL	NG3K	NG3K
2018 Oct24	2018 Oct29	Ogasawara	JD1BNA	JL1UTS Direct	DXNews 20180918	By JD1BNA fm Hahajima I (IOTA AS-031); mainly 160-40m; QSL: Nick Seki, 4-731-6 Sakuragi, Omiya-Ku, Saitama-C, Saitama, 330-0854, Japan	NG3K	NG3K
2018 Oct26	2018 Oct29	Marshall Is	V73	M0OXO	JA0RQV 20181013	By JA0RQV as TBD fm Majuro (IOTA OC-029); 80-6m; CW SSB; 100w; vertical	NG3K	NG3K
2018 Oct26	2018 Nov02	Martinique	FM	Club Log	TDDX 20181005	By DL7VOG as FM/DL7VOG; HF; CW RTTY FT8, SSB on request; QSL also OK via DL7VOG (DARC Buro or direct)	NG3K	NG3K
2018 Oct26	2018 Nov06	Zimbabwe	Z23MD	LotW	MDXC 20180515	By IZ8CCW I2VGW IZ2GNQ F5EOT ON4LO YO8WW YO5OED ON7RB; HF; CW SSB RTTY; QSL also OK via IK2VUC (see Web page for details)	NG3K	NG3K
CQ WW DX Contest, SSB (Oct 27-28, 2018) Check here for pericontest activity too.								
2018 Oct27	2018 Nov03	Samoa	5W	LotW	DXW.Net 20180902	By JF1OCQ JJ1TBB as 5W7X and 5W0TB; 160-10m; CW SSB FT8; side trip to Am Samoa using W1VX/KH8 and KH8C ; QSL also OK via JF1OCQ (Buro or direct) except KH8C which is LotW only	NG3K	NG3K
2018 Oct27	2018 Nov11	Guadeloupe	FG	LotW	DXNews 20180825	By SM7RYR as FG/SM7RYR fm IOTA NA-102; 20m; CW; 100w; vertical	NG3K	NG3K
2018 Oct27	2018 Nov11	Palestine	E44WE	SP9FIH	DXNews 20181009	By SP9FIH; 20 17 15m, perhaps 160m; mainly SSB, some RTTY, perhaps FT8; 100w; Spiderbeam, vertical; QSL also OK via Club Log	NG3K	NG3K
2018 Oct29	2018 Nov06	Mayotte	FH	DJ7RJ	TDDX 20180910	By DJ7RJ as FH/DJ7RJ; 160-10m; CW SSB; 600w; QSL OK via DARC Buro or direct	NG3K	NG3K
2018 Oct31	2018 Nov14	Bermuda	VP9KF	See Info	G4BKI 20180629	By VP9KF; 160-10m; CW; QSL via W4/VP9KF direct	NG3K	NG3K
2018 Nov01	2018 Nov30	Sri Lanka	4S7KKG	LotW	425DXN 20181019	By DC0KK fm IOTA AS-003; mainly CW and digital; QSL also OK via Club Log; operation to continue until Apr 1, 2019	NG3K	NG3K
2018 Nov03	2018 Nov06	Christmas I	VK9XQ	DF8AN	DXW.Net 20180327	By DF8AN; 160-6m; CW + digital (incl FT8); QSL OK via DARC Buro or direct + eQSL (late)	NG3K	NG3K
2018 Nov03	2018 Nov13	Madagascar	5R8UP	OE7AJH	DXNews 20181005	By OE7AJH OE7KUT fm IOTA AF-013; 40-10m, perhaps 80m; CW SSB	NG3K	NG3K
2018 Nov03	2018 Nov25	St Lucia	J68GU	Club Log	TDDX 20181005	By DL7VOG; HF; CW RTTY FT8, SSB on request; QRV for WAE RTTY and CQWW DX CW; QSL also OK via DL7VOG (DARC Buro or direct)	NG3K	NG3K
2018 Nov05	2018 Nov09	Liberia	EL	LotW	DXW.Net 20180831	By EL2EF MMONDX MM00KG as EL2EL/4 fm Telengebe I (new) (IOTA AF-111); mainly 40-17m, but will check propagation on other bands; mainly SSB, some CW FT8; QSL also OK via Club Log	NG3K	NG3K
2018 Nov05	2018 Nov05	Madagascar	5R8IC	Club Log	TDDX 20181015	By F6ICX fm Sainte-Marie I (IOTA AF-090); mainly CW, perhaps RTTY BPSK SSB; 100w; Hexbeam, wires; QSL OK via F6ICX direct; holiday style operation to continue until February 2019	NG3K	NG3K
2018 Nov06	2018 Nov10	Cocos Keeling	VK9CH	DF8AN	DXW.Net 20180327	By DF8AN; 160-6m; CW + digital (incl FT8); QSL OK via DARC Buro or direct + eQSL (late)	NG3K	NG3K
2018 Nov06	2018 Nov20	Barbados	8P9AE	LotW	DL7DF 20170907	By DK1BT DL4WK DL6SAK DL7LK DL7UFR SP3CYY; CW SSB + digital; verticals, loops, Spiderbeam; QSL also OK via DL7DF (DARC Buro or direct)	NG3K	NG3K
2018 Nov07	2018 Nov14	St Kitts & Nevis	V47FWX	M0URX	DXW.Net 20180718	By G0FWX fm St Kitts; holiday style operation	NG3K	NG3K
2018 Nov10	2018 Nov17	Christmas I	VK9XQ	DF8AN	DXW.Net 20180327	By DF8AN; 160-6m; CW + digital (incl FT8); QSL OK via DARC Buro or direct + eQSL (late)	NG3K	NG3K
2018 Nov11	2018 Nov25	Guadeloupe	TO40R	LotW	TDDX 20181016	By Radio Club Guadeloupe (FG4KH) members; HF	NG3K	NG3K
2018 Nov15	2018 Nov30	Minami Torishima	JD1	JA8CJY	TDDX 20180918	By JG8NQJ as JG8NQJ/JD1 fm Marcus I; 20 17m; CW RTTY Satellite; 50w; HB9CV; spare time operation; begin date uncertain; to continue until mid February 2019	NG3K	NG3K
2018 Nov16	2018 Nov27	Tonga	A35EU	LotW	GM4FDM 20181005	By PA3EWP GM4FDM PA4WM EI5IX; 160-10m; CW SSB RTTY, some FT8; focus on EU; high power; VDAs, verticals, inv L; QSL also OK via GM4FDM direct (w/ SAE + \$3) or Buro and Club Log	NG3K	NG3K
2018 Nov17	2018 Nov23	Iran	EP6RRC	R7AL	DXNews 20181005	By R7AL RA1ZZ RK8A RW5D RZ3K UA3EDQ UA1ZZ EP2LMA fm Shif I (IOTA AS-189); 160-10m; CW SSB FT8; 3 stations; VDAs, GPs, W3DXX, EWE	NG3K	NG3K
2018 Nov17	2018 Nov23	Montserrat	VP2MUW	LotW	DXNews 20180415	By M0VFC M0BLF M0WUT; 80-10m; CW SSB; QSL also OK via Club Log	NG3K	NG3K
2018 Nov17	2018 Dec08	Sint Maarten	PJ7AA	LotW	TDDX 20170818	By AA9A; 80-10m, incl 60; CW SSB + digital; Buddipole; QSL also OK via AA9A	NG3K	NG3K
2018 Nov18	2018 Dec02	Vietnam	XV9D	LotW	RM2D 20181001	By RM9D; 40-10m, perhaps 80m; QSL also OK via RM2D direct	NG3K	NG3K
2018 Nov19	2018 Nov25	Micronesia	V63PSK	Club Log	JA1FMN 20180921	By JA1FMN fm Weno I (IOTA OC-011); 40-15m; FT8 JT65; after 09z; holiday style operation	NG3K	NG3K
2018 Nov19	2018 Nov26	Micronesia	V63DX	LotW	JA7HMZ 20181007	By JA7HMZ fm Pohnpei (IOTA OC-010); 160-10m; focus on 160m FT8 for Europe; QSL also OK via JA7HMZ direct	NG3K	NG3K
2018 Nov19	2018 Nov28	Anguilla	VP2	LotW	OPDX 20180827	By KE1B as VP2EAQ and W6NN as VP2EAR; 40-10m; CW SSB RTTY FT8; holiday style operation; QSL also OK via KE1B Buro and Club Log	NG3K	NG3K
CQ WW DX Contest, CW (Nov 24-25, 2018) Check here for pericontest activity too.								

FCC Ham Exams

GCARA: December 5 :Blue Ash Recreation Center 4433 Cooper Rd Blue Ash. Registration 6:30pm. For more information contact Gary, W8XS at osborne@fuse.net. WALK INS ACCEPTED

1st Saturday each month: Cincinnati (Hartwell), CRA, at Hartwell Pres. Church. Registration 8:30am; walk-in only! All licenses classes. Dale Pritchett, KC8HJL at (513) 769 0789

2nd Monday each month: Kentucky (Edgewood) NKARA, at Turkeyfoot Middle School, 3230 Turkeyfoot Rd. Registration 6:00pm. Follow the signs. Pre-registration preferred, walk-ins accepted. Lyle Hamilton, AB8SH, (513) 315 4032. Talk-in 147.255

In all cases; tests require two Ids (preferably one with photo).
COST: \$15.00

Webpages of Importance to Members of the GCARA

Greater Cincinnati Amateur Radio Association.....www.gcara.org/home

GCARA on Facebook.....<https://www.facebook.com/groups/402853765060/>

American Radio Relay League.....www.arrl.org

Great Lakes Division-ARRL...www.arrl-greatlakes.org

Ohio Section - ARRL.....www.arrl-ohio.org

Ohio Section News.....www.arrl-ohio.org/sm/Section_News.html

Dayton Hamvention.....www.hamvention.org

Shortwave listening Guide...www.naswa.net/swlguide

Follow the GCARA on Twitter...@W8DZ

* If reading from a pdf file, clicking on the link will take you to the webpage

Silent Keys

William Reynolds, KB8NOT
Rodrick Senter, SR, WD8NUK
Herbert Schmidt, W8QIJ

If you know of a ham who has become a SK
please contact
please contact TM&K Editor at tm&k@gcara.org

Membership Application

JOIN
or
RENEW
GCARA
MEMBERSHIP



GCARA membership application and information update form

() I enclose \$15 dues per club year (July. 1- June 30) x () years = \$ _____

() I request *free student membership* (licensed Hams in grades 1-12) for Jan. 1-Dec. 31.
If a free Student Membership, what is your school & grade? _____

This is a () new, () renewed membership. Member of ARRL? () yes, () no

() My yearly dues are paid. Please enter the following changes for me:

NAME _____ CALL _____

ADDRESS* _____

CITY/STATE* _____ ZIP* _____

Tel. No. with A/C* (____) _____ - _____

E-MAIL ADDRESS* _____@_____

My interests in and out of Ham radio: Public service; Working with youngsters;
On-air operations; VHF/UHF; HF; Building; Teaching; Computers;
Helping people become licensed; Repairing equipment; Helping other Hams.

*Provide specified information only if it has changed since last renewal.

*Mail with dues payment to: Neal Berter, N8QFZ
68089 Peacock Dr
Cincinnati, Ohio 45239*

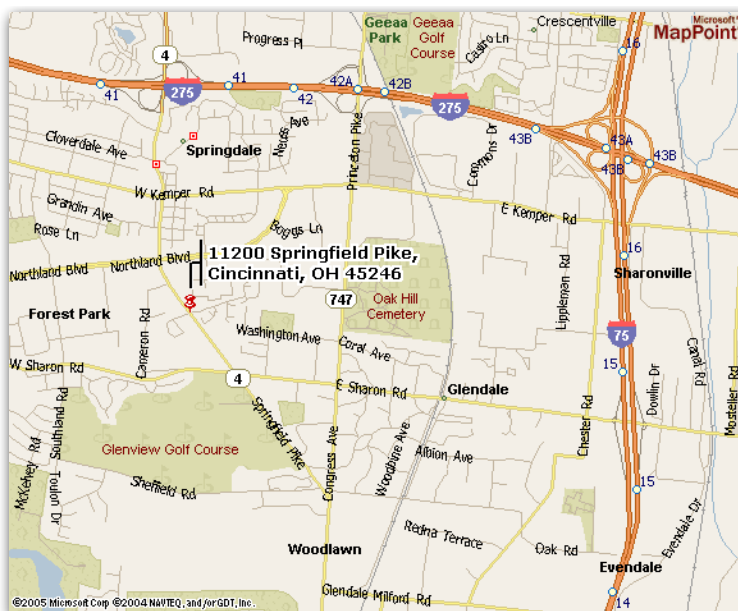
*Make checks/MOs payable to GCARA
to pay with PayPal go to www.gcara.org*

Send application
and \$15.00
to
Neal Berter,
N8QFZ
8089 Peacock Dr
Cincinnati, Ohio
45239

If you would like your
membership card
mailed to you, please
send a SASE with your

GCARA meets the 4th Wednesday of each month
March - October
(June -Picnic, December - Christmas Party)

Directions to GCARA Meeting location
Maple Knoll (Breese Manor)
11200 Springfield Pike, Springdale, OH
(Take Maple Trace Dr. off Springfield Pike)





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Hamilton, Ohio 45013



TO CHANGE YOUR CALLSIGN, ADDRESS, PHONE OR EMAIL
GO TO THE GCARA WEBSITE www.gcara.org
(link located at bottom of page)


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