

The Mike & Key

Volume 82

Spring 2018

Issue 2

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

APRIL IS TIME FOR OUR ANNUAL AUCTION



APRIL 25, 2018

7:00PM

MAPLE KNOLL VILLAGE



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

April 26...Auction

May 24...What I learned from ham radio that
helps me modify toy or model TRAINS

June 27...GCARA Picnic

July 25

August 22

September 26

October 24

December 12...GCARA Christmas Party

November - February...NO MEETING

May Program

What I learned from ham radio that helps me
modify toy or model TRAINS

This should be an be an interesting program.
Come out an see how your Amateur Radio
hobby can help and be used in your other
hobbies.

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

Editor: David Self, K8SSN
3261 Old Oxford Rd.
Hamilton, Ohio 45013
tm&k@gcara.org

Reprinting, from *The Mike & Key* is granted to amateur
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GCARA Officers & Committee Chairs

PRESIDENT: Neal Berter, N8QFZ
nberter@cinci.rr.com
1st VICE PRES: Rick Burdick, K8WWA,
(513) 554-4662, rickburdick@yahoo.com
2nd VICE PRES: Donald Ferneding, N8LMJ
n8lmj@arrl.net
RECORDING SEC'Y: Allan M. Hale, WA9IRS
(859) 525-1761, wa9irs@arrl.net
CORRESPONDING SEC'Y: Richard Pestinger, KC8RP
(513) 829-8807 kc8rp@arrl.net
TREASURER: Gary Osborne, W8XS
(513) 675-1574, osborne@fuse.net
REPEATER CONTROL OP: Neal Berter, N8QFZ
nberter@cinci.rr.com
HAM HELP/EQUIPMENT SUPPORT:
Richard Pestinger, KC8RP
513-829-8807 kc8rp@arrl.net
HISTORIAN: VACANT
THE MIKE & KEY: David Self, K8SSN,
tm&k@gcara.org
WEBMASTER: David Self, K8SSN gcara.org@gcara.org
MEMBERSHIP: Richard Pestinger, KC8RP
(513) 829-8807 kc8rp@arrl.net
SCHOLARSHIPS: Rick Burdick, K8WWA,
(513) 554-4662, rickburdick@yahoo.com
SILENT KEY COMM: Jim Benson, W8OUU,
(513) 825-1254, w8ouu@fuse.net
VE TEAM: Gary Osborne, W8XS
(513) 474-0287, osborne@fuse.net

ARRL

Great Lakes Director: Dale Williams, WA8EKF
(734) 529-3232, wa8efk@arrl.org
Ohio Section Manager: Scott Yonally, N8SY
(419) 512-4445, n8sy@n8sy.com

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



Subject: GCARA Membership Meeting
Date: March 28, 2018
Location: Maple Knoll Village, Manor House
Opening: 7:00PM

Minutes not available at time of publishing

GCARA Facebook

The primary source of information for the GCARA is now Facebook. The Mike & Key had a great run, prior to social media and will continue to be published, basically because of tradition. You most likely are aware that all the information in TM&K can be found online. Not only can it be found, but is more up to date than a printed newsletter.

All that was said so you will know that the GCARA is moving into the 21st Century and wants to become the club it once was.

If you have not joined the GCARA group on Facebook yet, now is the time to do so. This way you can get notifications, when there is a new post there. It is easy...no background checks required, no membership in the GCARA required. Just ask and you shall receive.



Using Facebook Safely

Here are 7 easy things to do to keep yourself safe of Facebook.

- 1) create and use an email address that will be used only on Facebook
- 2) Fill out the least amount of information in the log on and settings pages
- 3) Turn off all public viewing of your page
- 4) Turn off your location and never tell people where you are
- 5) Never except friends requests from people you don't know
- 6) Don't post anything that you are not will to share with the world. Or that you are unwilling to debate with your friends publicly.
- 7) Don't play games or run applications from Facebook. Who cares what your Celtic name is or how smart you are about the 70's.

Using these 7 steps will give you some security on Facebook. There are other things, like common sense, that will help you safely use facebook. If facebook information is leaked out, yours will be a minimum risk to you.

Facebook is not anymore dangerous than giving your credit card information to Amazon and any other website you buy things from.

Don't be afraid of Facebook! Yes there are risks, but there are risks in everything you do.



35th Annual Columbus HAMFEST

Sponsored by Columbus Amateur Radio Club
<http://www.carcnet.net>

All-Indoor
Flea Market

Saturday, April 7, 2018
8 a.m. to Noon

Food &
Drinks
Available

Bartholomew County Fairgrounds
Community Building

750 W County Road 200S, Columbus, Indiana 47201

General Admission
\$5.00 at the door

Talk-in: 146.79 MHz (-600 kHz, PL 103.5 Hz)

VE TESTING
9 - 11 a.m.

VE testing will be provided by SCICSG representing the Laurel VEC, which has been providing free VE testing since 1984. Register at least 24 hours in advance, please, by emailing: Ken Rogoski K9KER k9ker@comcast.net (812) 343-4456

See the
Indiana Dept of
Homeland Security
Communication Team
Trailer

Hourly Door Prizes!

Grand Prize is a

Kenwood TM-V71A

Dual Band Mobile

(Cash will be awarded to non-amateur winner)



Flea market space is available at a rate of \$10 for an 8 foot table. Rental fee includes tables.

Setup Friday, April 6, from 6 to 8 p.m.
Set-up 6 a.m. day of the hamfest

Registration will be conducted at the door or in advance. Please enclose SASE with advance exhibitor reservations or advance general admission. Any advance registrations must be prepaid and postmarked by March 24, 2018. Make checks payable to: Columbus Amateur Radio Club.

For registrations or more information, contact:
Matthew Bruner, KC9BWO
325 Robbins Street, Hope, IN 47246
(812) 375-4860 kc9bwo@att.net

Free
Parking

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.

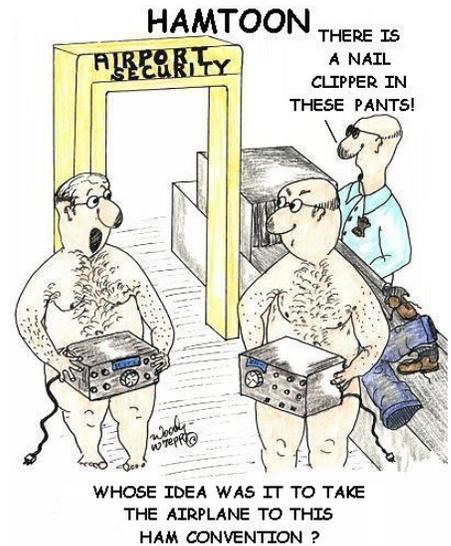
NOTE: THE 1936 NET IS THE OLDEST CONTINUALLY RUNNING NET
'ON SSB AND AM.

Sing a song of sixpence



Sing a song of sixpence dates back to at least the eighteenth century. In the original, the tale ends with a blackbird pecking off the nose of the maid in the garden; in the mid-nineteenth century this was sanitized with the addition of a final verse in which a doctor sews it back on. While interpretations vary wildly, the four and twenty blackbirds are

most likely simply a reference to a common practice in the sixteenth-century in which large pies were baked then filled with live birds which would escape when the pie was cut. This stems from the fact that a meal was meant not just as nourishment, but entertainment.



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



ARRL: How can we help?

By Dan Romanchik, KB6NU

Recently, I received this email from a reader:

“Hi Dan,

“Hope you’re doing well. I have a couple of questions about the ARRL. I’ve been reading your blog and other sources, and it’s clear that the ARRL is in a little trouble. I have to say, though, that as soon as the current administration in D.C. notices that some of their friends can make money off of amateur radio bandwidth, the whole amateur radio service is in very serious jeopardy. The only way I can think of to counter that would be an organization like the ARRL, and I think there’s really only one organization like the ARRL. Is that not true? If it is, how can we help?”

I replied that it is true that there’s only one organization like the ARRL. In the past, there have been groups that have tried to compete with the ARRL, but they’ve never really taken off. It’s an incredible amount of work to set up an organization like the ARRL and none of the alternates have been able to get to critical mass.

The second question—How can we help?—is the big question. Here are a few thoughts:

- Join the ARRL. If you’re not currently a member, join. You’ll have little or no influence, if you are not a member.
- If you are a member, but your friends are not, encourage them to join. The more members the ARRL has, the more influence it will have. This is common sense, but the ARRL doesn’t really seem to care about this. In the past, I’ve encouraged the ARRL to set a membership goal of 25% of licensed radio amateurs ([link 1](#), [link 2](#)). I honestly don’t think this is asking too much, and I’ve never heard a good argument for them not to do this. They continue to ignore me, and the percentage of licensed radio amateurs that are ARRL members continues to decline.
- Take an interest in ARRL matters and let your director and vice director know your views. Get your friends to

do likewise. Get on the mailing lists for the board meeting agendas and minutes. To do this, log into the ARRL website, click on “Edit your profile,” then “Edit email subscriptions.”

- Invite your ARRL elected officials—your division director, vice director, and section manager—to talk at your club meetings. Be prepared to grill them on issues that you think are important.
- Run for office yourself. I ran for Great Lakes Division vice director twice. Unfortunately, I lost both times, but even running is a way to have an impact. I’d like to see the “loyal opposition” get organized and challenge the status quo, especially in divisions where I think the current director is making bad decisions.

Having said all that, there are ways to make an impact besides playing ARRL politics:

- Get on the air. It’s easier to lose bands if we’re not using them. Encourage others to be active.
- Be an Elmer to those that need it.
- Teach classes to help those who want a license get a license and to help those who are already licensed to upgrade their licenses.
- Be an ambassador for amateur radio, especially to related groups, such as the “maker” groups that have sprung up around the country. Make sure that they know about your amateur radio club and the classes and exam sessions that you offer.

I’d love to hear any other thoughts that you all may have on this. I really do think that at this point, we need to inundate the ARRL Board and staff with input from the membership. While they may have a long history of ignoring the membership and just going about their own merry way, now is really a time of change, and this might be the right time to set the ARRL on a better path.

Member's Mart

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.

SouthWest Ohio DX Association DX Dinner

The SouthWest Ohio DX Association (SWODXA) is pleased to announce that we will again sponsor the DX Dinner, held in conjunction with the 2018 Dayton Hamvention®. This, our 33rd annual dinner, will be on Friday, May 18, 2018, at the Dayton Marriott, 1414 S. Patterson Blvd., Dayton, OH 45409. Among other great prizes, Yaesu has generously donated an FT DX-3000 to the DX Dinner and an FT-DX1200 to the DX forum!

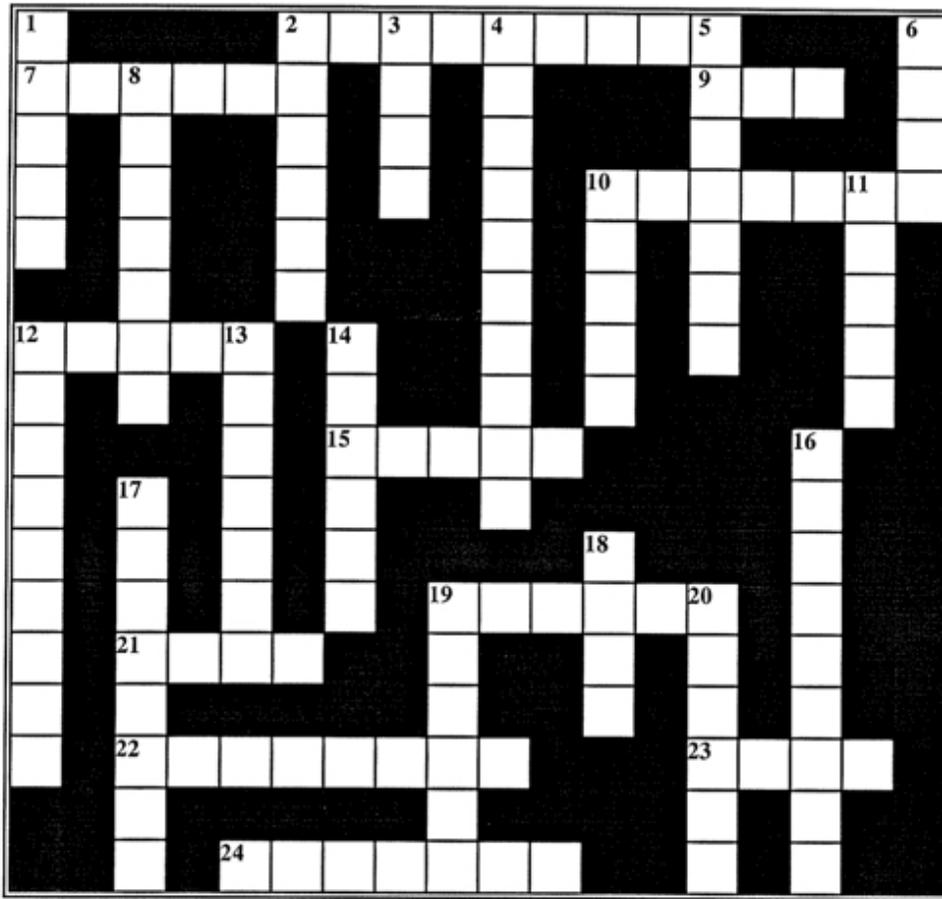
There will be a cash bar starting at 5:30 p.m., with dinner served at 7:00. Following the event, there will be a separate room and cash bar available for more fellowship. This is an excellent opportunity to meet new hams and to renew old acquaintances as well as to learn about past DXpeditions and those in the planning stages.

The Marriott is very accommodating to a group our size. The dining room is on the ground floor so there are no steps, the dining room is very large, and there is ample free, on-site parking.

This dinner is always well attended by some of the most avid DXers in the world. The 2017 dinner had over 400 attendees! As in the past, there will be some major door prizes, and there is always great anticipation as to who will be named the "DXpedition of the Year®".

We have started accepting ticket requests via the website! Details can be found on the SWODXA Events website www.swodxaevents.org. From there, click on the "Purchase Tickets Today!" banner. We prefer Paypal, but you can also print the reservation form and submit it with your personal check or money order.

GENERAL ELECTRONICS



Solution found at
www.gcara.org/puzzle

ACROSS

2. A drawing used to represent a circuit
7. The basic unit of electric current
9. Basic unit of resistance
10. Effect when a receiver selects the stronger of two signals on the same frequency.
12. A type of transistor known as FET or JFET.
15. A switch that can be remote controlled
19. Vacuum with three (3) active elements
21. Material in the center of an inductor coil
22. Material opposing current in an electrical circuit
23. Also called RF resistance, the tendency of RF to flow near conductor surfaces.
24. Rotation of the plane of polarization of radio waves passing thru the ionosphere.

Down (cont.)

18. Unit of electrical potential
19. A donut shaped form used for inductors
20. The flow of electrons from a filament to a second tube element at a + potential.
(Thomas Alva

DOWN

1. The ground connected to a rod driven in the soil
2. Circuit components connected end-to-end
3. MAGNETIC
4. Unit of circuit capacitance = (10⁻⁶ farads)
5. The scattering of photons by electrons.
6. Metal strip that prevents too much current
8. Hot and cold temperature differential occurring at a semiconductor junction as voltage is applied.
10. A code made of stripes used to mark resistance
11. _____ frequency interference to AM and FM radios
12. Process of removing unwanted signals (capacitors)
13. Lowering in signal frequency due to the movement away from the receiver by the signal source.
14. The effect produced in AC circuits when 2 wires of high voltage are placed near one another.
16. Device used to convert AC to DC
17. _____ field created in space by charged object

DX HAPPENINGS...

April		NG3K	NG3K	NG3K	NG3K	NG3K	NG3K	NG3K	NG3K
2018 Apr01	2018 Apr09	Cape Verde Is	D4IA <small>NEW!</small> <small>(spots)</small>	LotW	DXW.Net 20180328	By CT1IUA fm Sal I (IOTA AF-086); HF; mainly CW; QSL also OK via CT1IUA			
2018 Apr01	2018 Apr28	Canary Is	EA8 <small>(spots)</small>	DJ9BN	TDDX 20180315	By DJ9BN as EA8/DJ9BN; 40-10m; mainly CW; 100w; dipoles; QSL OK via DARC Buro or direct			
2018 Apr01	2018 Apr30	Wake I	KH9 <small>(spots)</small>	LotW	TDDX 20180315	By N7NVK as KH9/N7NVK; QRP; Buddipole, G5RV; exact begin date not specified; will continue for 3 months, then a month off			
2018 Apr04	2018 Apr11	Bhutan	A5A <small>NEW!</small>	JH1AJT Direct	TDDX 20180330	By JH1AJT JF1IST E21E1C; 160-6m; CW SSB FT8, emphasis on FT8; QSL also OK via Club Log; QSL direct: JH1AJT, PO Box 8, Oiso, Naka-gun, Kanagawa 259-0111, Japan			
2018 Apr05	2018 Apr17	Agalega & St Brandon	3B7A	LotW	OPDX 20170911	By F5UFX F5CWU F4BKV F4FET F2DX F5PTM F4HAU F8ATM fm St Brandon I (IOTA AF-015); 160-6m; CW SSB RTTY; 7 stns; QSL also OK via F5CWU			
2018 Apr08	2018 Apr15	Tuvalu	T2AR	LotW	DXW.Net 20180210	By 3D2AG fm Funafuti Atoll (IOTA OC-015); HF + 6 2m; SSB CW RTTY JT65 FT8; mostly 0430-1300z and 1730-2000z; QSL also OK via 3D2AG and eQSL			
2018 Apr09	2018 Apr18	Australia	VK9	Club Log	VK5MAV 20180220	By VK5MAV as VK5MAV/9 fm Cato Reef (IOTA OC-265); 40m GP, 20m VDA; activated once before 20+ yrs ago; QSL also OK via RN3RQ (VK via VK5MAV direct)			
2018 Apr13	2018 Apr19	Palau	T88UW	LotW	TDDX 20171127	By JH7IPR; 160-6m; CW SSB RTTY FT8 JT9 JT65; 500w; yagi, wires			
2018 Apr15	2018 Apr20	South Cook Is	E51BCP	KD7WPJ	UR5BCP 20180213	By UR5BCP fm Rarotonga I; 40-6m; CW SSB FM + digital; dipoles, verticals; SOTA activations			
2018 Apr15	2018 Apr22	Kosovo	Z66D	LotW	DXW.Net 20180227	By OK team; SSB CW RTTY FT8; QSL also OK via OK6DJ, Club Log, eQSL			
2018 Apr15	2018 Apr28	Senegal	6W	DC4CQ	OPDX 20180312	By DC4CQ as 6W/DC4CQ; 40-15m; SSB + digital (incl FT8); 100w; dipole, mag loop; spare time operation			
2018 Apr17	2018 Apr24	East Kiribati	T32AZ	KH6QJ	TDDX 20180307	By KH6QJ fm Christmas I (IOTA OC-024); QRV for the Worked All Provinces China (WAPC) Contest; QSL OK via Buro or direct			
2018 Apr17	2018 Apr25	Palau	T8	Home Call	TDDX 20171204	By JA7WFT as T88FT and JI6IHG as T88IH; 160-6m; CW SSB JT65 JT9			
2018 Apr17	2018 Apr29	Vanuatu	YJ0AG	MOOXO	TDDX 20180110	By VK5GR fm Efate (IOTA OC-035); 80-10m; SSB RTTY FT8 PSK Olivia; Hexbeam, vertical; call sign requested			
2018 Apr18	2018 Apr27	St Barthelemy	FJ	Home Call	DXW.Net 20171017	By AI5P N0KV W0ZA WD0E as FJ/AI5P and FJ/N0KV; 80-10m; CW SSB RTTY + satellite; FJ/N0KV OK via LotW			
2018 Apr20	2018 Apr27	Nepal	9N7WA <small>NEW!</small>	R4WAA	DXW.Net 20180328	By R4WAA; HF; CW + digital			
2018 Apr21	2018 Apr29	St Vincent	J88PI <small>NEW!</small>	GW4DVB Direct	DXNews 20180326	By GW4DVB fm Palm I, Grenadines (IOTA NA-025, FK92h); 40-6m; SSB; QSL: Brian Price, PO Box 20:20, Llanharan - Pontyclun. CF72 9ZA, Wales, UK			
2018 Apr22	2018 Apr25	Solomon Is	H44R	See Web	42SDXN 20180120	By DL2GAC VE3LYC fm Mbanika I (IOTA OC-168); 40-17m; CW SSB; 2 stations			
2018 Apr23	2018 May05	St Kitts & Nevis	V47CDC <small>NEW!</small>	W1CDC	TDDX 20180327	By W1CDC; 80-10m; CW			
2018 Apr24	2018 Apr28	Liechtenstein	HB0	LotW	TDDX 20171222	By DL1AWD as HB0/DL1AWD and DL6JF as HB0/DL6JF; HF; CW; holiday style operation; QSL also OK via home_call (direct or DARC Buro)			
2018 Apr27	2018 May04	Market Reef	OJ0W	OH3WS	OH3WS 20180323	By OH3WS; mainly CW, perhaps SSB; spare time operation; QSL OK via Buro or direct			
May									
2018 May02	2018 May04	Ogasawara	JD1BLY	JI5RPT	JI5RPT 20180317	By JI5RPT fm Chichijima I (IOTA AS-031); 630-6m; CW SSB + digital; see Web for QSL details; op updates via: JD1BLY Twitter			
2018 May02	2018 May15	Mozambique	C8T	Club Log	DXW.Net 20170929	By ON8KW ON7TQ CS8ABG + team; 160-6m; CW SSB + digital			
2018 May02	2018 Jun01	Hawaii	KH6	N2HX	N2HX 20180316	By N2HX as KH6/N2HX fm Maui (BL10pw); mainly SSB RTTY			
2018 May05	2018 May12	Malta	9H3JI	Auto Buro	TDDX 20180322	By F5SGI; 80-6m; CW; QSL also OK via F5SGI direct			
2018 May08	2018 May11	South Cook Is	E51KMR <small>NEW!</small>	LotW	KM7R 20180331	By KM7R fm Rarotonga I (IOTA OC-013, BG08ct); @E51JD; mainly SSB; holiday style operation; QSL also OK via Club Log			
2018 May11	2018 May18	Lord Howe I	VK9LI	LotW	DXNews 20180308	By VK3QB VK3YB VK3HJ fm IOTA OC-004; 160-17m; CW SSB FT8; QSL also OK via VK2CA and Club Log			
2018 May26	2018 May29	Svalbard	JW8DW	LotW	DXW.Net 20180123	By LA8DW fm Spitsbergen I; HF; CW SSB			
CQ WW WPX Contest, CW (May 26-27, 2018) Check here for percontest activity too.									
June									
2018 Jun01	2018 Jun09	Sao Tome & Principe	S9	EB7DX	DXW.Net 20180323	By EB7DX as TBA fm Sao Tome I (IOTA AF-023); 40-6m; mainly SSB RTTY FT8, some CW; 100w; holiday style operation			
2018 Jun13	2018 Jun25	Turks & Caicos	VP5	W9DR Direct	W9DR 20171107	By W9DR as VP5/W9DR fm FL41aw; 6m (50.115 MHz); CW SSB; 1kw; 5 ele yagi; salt water launch to EU + NA			
2018 Jun13	2018 Jun27	Grenada	J3	G4DFI	TDDX 20180102	By G0JVG as J3/G0JVG; mainly SSB; 300w on HF, 200w on 6m; vertical, 3 ele 6m yagi			
2018 Jun24	2018 Jun30	Taiwan	BW	LotW	DXNews 20180212	By DF8DX as BW/DF8DX; HF; mainly CW; QSL also OK via DF8DX			
2018 Jun26	2018 Jul06	Baker I	KH1	LotW	DXW.Net 20170825	By N1DG N4XP K6TD + team as TBA; 160-6m; CW SSB + digital; QSL also OK via Club Log (preferred) and K4TSJ direct (w/ SASE or \$2 or 2 Euros); dates tentative			
2018 Jun27	2018 Jun29	Market Reef	OJ0Y	M0SDV	DXW.Net 20180121	By MM0NDX G4PVM DL8JJ fm IOTA EU-053; HF; call sign tentative; possibly short activity on Jun 26 (evening)			

FCC Ham Exams

GCARA: June 13, September 12, 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

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

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*

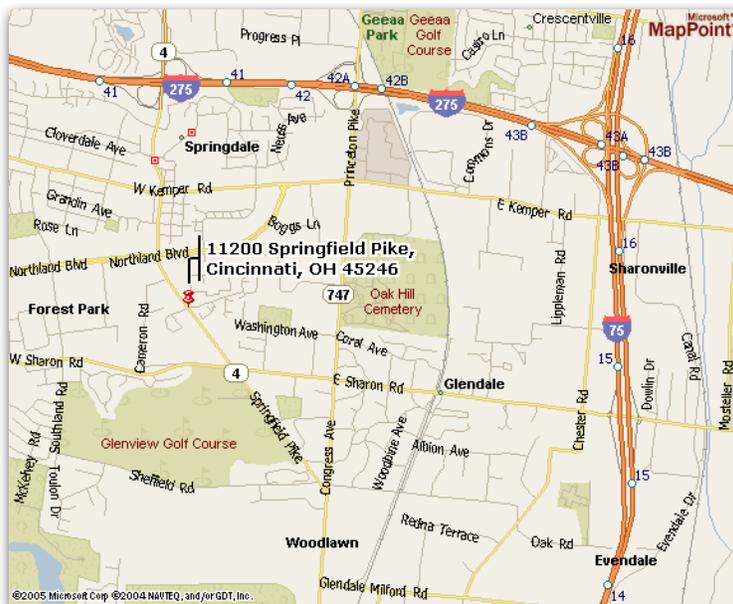
*Make checks/MOs payable to GCARA
to pay with PayPal go to www.gcara.org*

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)





TM&K Editor
3261 Old Oxford Rd
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)


Mr. Antenna

Jeff Hubbard
513-202-3115
513-504-4426 (cell)
Jeff@MrAntenna.com
www.MrAntenna.com

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