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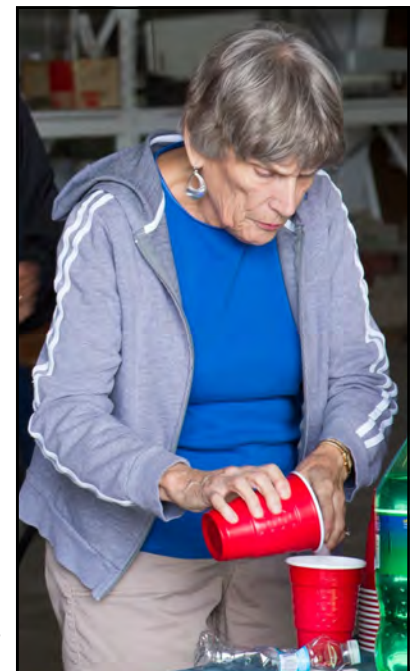
SPARK

July 28, 2017

The Home of the Cincinnati Repeater System

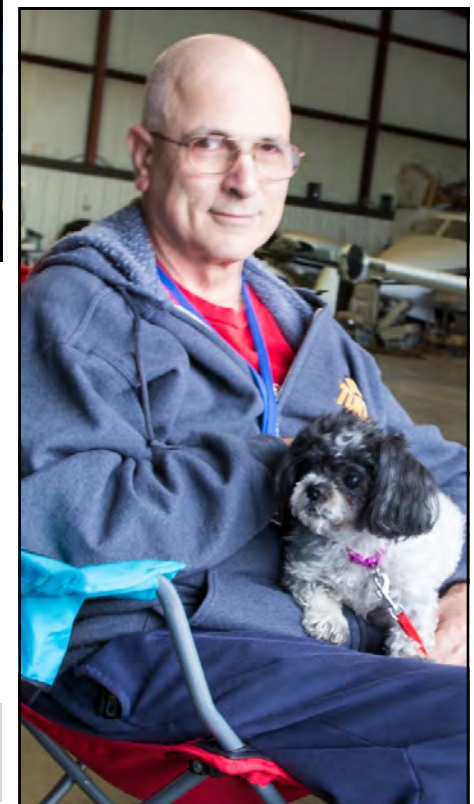
Cincinnati, Ohio

CFMC's 6th Annual Summer Family Gathering Wed., June 7



Wednesday, June 7, 2017 marked the ending of another successful year. The CFMC Club Picnic was well attended and quite a success!

We bid a fond farewell to some of this year's officers (Jim Benson W8OUU and Barry Franz KC8KKC) thanking them for their many years of faithful service, and we welcome Fred Ruzick K8FR, our new Membership Chair. Read on about the latest happenings in our CFMC organization!



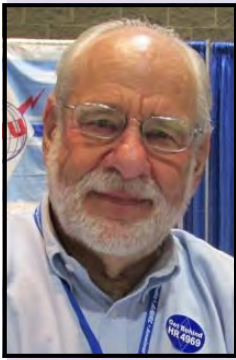
See write-up on the **SOLAR ECLIPSE QSO**

PARTY info on Pages 3 and 4.



Thanks to photographer Dottie Klyklo.





Immediate Past President's and New Secretary's Message

by Bill Klykylo WA8FOZ

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he CFMC picnic was held on June 7, 2017 at Bob Conrad (W8SCK)'s hangar at Middletown Regional Airport. We had a great time, as the pictures will attest (see photos on Pages 1 & 2). Thanks VERY much to Bob and Nancy for their continuing support of this event.

Bill Klykylo
WA8FOZ

As a quorum of members was not present, no formal meeting was held, and consequently the election of officers for 2017-2018 was not finalized. No nominations for President were presented, and that office remains open.

I note with some concern that we have not had a formal meeting of the club for 6 months, because of an absence of quorum. I hope that new leadership will pep things up and get us going again. I will be out of town for the August 2 meeting. I suggest that part or all of the program be an open discussion of plans and directions for the club.

Respectfully submitted,
Bill Klykylo, WA8FOZ

The Solar Eclipse QSO Party

The Solar Eclipse QSO Party (SEQP) is sponsored by the ARRL. Here is some information about it. The full webpage is <http://www.hamsci.org/seqp>. Additional information can be found at www.arrl.org

The SEQP will take place on August 21, 2017 from 1400 – 2200 UTC. Partial eclipse begins at about 1600 UTC in Oregon ends at about 2015 UTC in South Carolina.

On August 21, 2017, a total solar eclipse will cause the shadow of the moon to traverse the U.S. from Oregon to South Carolina in just over 90 minutes causing dramatic changes in both the ionosphere and HF propagation. The Solar Eclipse QSO Party (SEQP) is a HamSCI-ARRL sponsored operating event to generate data to study ionospheric changes during the eclipse. *Courtesy HamSCI.com*



Cincinnati FM Club Treasurer's Report July 24, 2017

Richard Turner KA8HXR, Treasurer

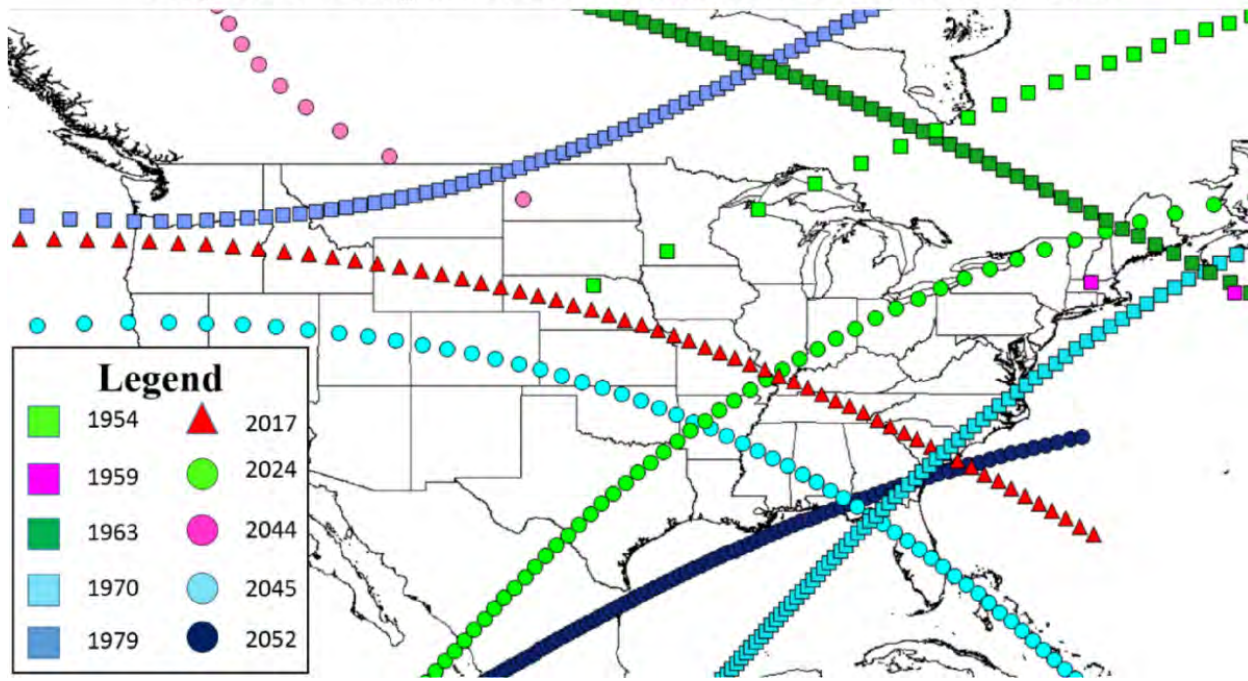
Beginning Checking Balance		\$10,279.46
Expended	Mobilcomm	32.10
	Picnic	122.72
Received	Membership dues	<u>60.00</u>
End Checking Balance		\$10,184.64

Respectfully,
Richard Turner KA8HXR, Treasurer

Total Solar Eclipse! . . . Reprint courtesy of HamSCI.com, submitted by Bill Klykylo

On August 21, 2017 we will experience the excitement of a total solar eclipse. While we will only get to see a partial eclipse here in Ohio, as hams we can participate in the fun. Here is some information from ham-sci.org . Get on the air and see what's happening.

Map of All Eclipses over Continental US From 1950-2052



On 21 August 2017, a [total solar eclipse will cause the shadow of the moon](#) to traverse the United States from Oregon to South Carolina in just over 90 minutes. Although the ionospheric effects of solar eclipses have been studied for over 50 years, many unanswered questions remain. HamSCI is inviting amateur radio operators to participate in a large-scale experiment which will characterize the ionospheric response to the total solar eclipse and target open science questions.

Would you like to participate? Help out by getting on the air with the [Solar Eclipse QSO Party](#).

(<http://www.hamsci.org/seqp>), a contest-like operating event designed to generate data for studying the eclipse! Other ways to get involved include making [HF Frequency Measurements](#), [recording HF spectra](#), setting up a [Reverse Beacon Network Receiver](#), participating in [VLF/LF receiving experiments](#), and listening to [AM broadcast stations](#). See our [Eclipse Get Involved](#) page (<http://www.hamsci.org/projects/2017-total-solar-eclipse/get-involved>) for more information.

Are you curious about how prior total solar eclipses affected the ionosphere? Read about radio experiments during the [1999 United Kingdom Total Solar Eclipse coordinated by the Rutherford Appleton Laboratory](#).
<https://arxiv.org/abs/1703.01491>

Welcome Aboard, New Membership Chair Fred Ruzick and Many Thanks to Barry Franz!

It has been my privilege to be your Membership Chairman for at least 15 years and you have made the job fun and rewarding because you have been relatively prompt with your renewals and helped stabilize the size of our club. Our survey back then indicated you wanted good quality repeaters and more club activities. The club has used that input to improve our repeaters and we have operated the Ohio QSO Party and initiated the summer picnic. Since I am in town less when the renewals are most active it seems like a good time to bring in some "new blood".

Fred Ruzick (K8FR) has volunteered to assume the role of Membership Chairman. Thanks to Fred for stepping up to the plate. Most of you also know that Richard Kuns (KC8TW) has maintained the historical member information database for more than 20 years. We owe Richard a great thank you for this service. Richard and I met with Fred and turned over the records and he is off to a speedy start in his new role. Additionally, Richard Kuns has updated the membership form and the information on the Club website. Please send in your membership renewal if you have not done so yet and give Fred your support. See Membership Form on Page 5.

Barry Franz, KC8KKC

Please submit your dues ***NOW***
for your 2017 CFMC membership!

CINCINNATI FM CLUB

2017 Membership/Renewal Application

Please support the CFMC. Call Fred Ruzick, Membership Chair, with questions. Contact info below.



NAME _____

CALL _____ LICENSE CLASS _____

ADDRESS _____

(number and street)

(city, state and zip)

PHONE NUMBER _____

New Member

Membership Renewal

E-mail _____

Repeater Code Request

OTHER HAMS IN HOUSEHOLD (at same address)? _____ Amount Enclosed \$ _____

(\$0 if Code Request)

NAME _____ CALL _____ LICENSE CLASS _____

NAME _____ CALL _____ LICENSE CLASS _____

I will follow the "CFMC Repeater Operating Practices" document dated 3/24/2009. It is available on the Internet at http://cfmc.us/CFMC_Operating_Guide.pdf or by mail. By signing this form, I agree to abide by these practices and understand that adherence to these practices is a condition of continued membership in the CFMC and use of its repeaters.

SIGNATURE _____ DATE _____

Mail to: Fred Ruzick, K8FR (Phone: 513-741-8873)
c/o Cincinnati FM Club
152 Mitchell Blvd.
Harrison, OH 45030

RENEWALS: \$20 **Memberships lapse after January 1. SPARK mailings continue through June.**

NEW MEMBERS: \$10 Initiation + \$10 Dues = \$20 Total.

(Please make check payable to **Cincinnati FM Club**).

WB8CRS

146.28/.88 147.63/.03 448.40/443.40 (DMR)



A publication of . . .
The Cincinnati FM Club
 1211 West Sharon Road
 Cincinnati, OH 45240-2916

COMING ATTRACTIONS!

Wed., August 2 AND October 4, 2017:
 Next Club Meetings at Mobilcomm at 7:30 p.m.

Wed., Sept. 6 AND Nov. 1, 2017: Next On-Air Meetings (146.28/146.88), 9 p.m.

Wednesday, Dec. 6, 2017: CFMC Christmas Dinner at Manor House Restaurant/Maple Knoll . . . Gather at 6 p.m.; dinner at 6:30 p.m.

The **SPARK** is the official newsletter of the Cincinnati FM Club and is published bi-monthly in anticipation of the bi-monthly Club Meeting at its normal meeting place: Mobilcomm, 1211 West Sharon Road, Cincinnati, OH 45240-2998. The editor is John Maier, W8AUV. Suggestions and digital photos may be submitted to John via email at W8AUV@arrl.net or via USPS at 1537 Nature Trail Way, Cincinnati, OH 45231-1974. Layout and design work is courtesy of Kay Maier.

The deadline for the next edition is Friday, September 22, 2017.

Neither the editor nor the CFMC are responsible for material submitted for publication or copied from other sources. Articles may be edited for clarity and length.

2017 Meeting Schedule: Wed., August 2 and October 4. On-air meetings (146.28/146.88) are the first Wednesday of the alternate months — **2017:** September 6 and November 1. **Christmas Party** is Wednesday, December 6, 2017. **BE SURE TO MARK YOUR CALENDARS!**

Go to <http://cfmc.us> for the latest news and the most recent edition of *The SPARK!*

The Cincinnati FM Club

Club Station Call: WB8CRS

Monthly Meeting: First Wednesday, Even Months, 7:30 p.m.

Cincinnati FM Club
 1211 West Sharon Road
 Cincinnati, OH 45240-2916

CFMC Repeater System

Location	"88" System				
	GREENHILLS	MT. REPOSE	TAYLOR MILL	TAYLOR MILL	GREENHILLS
Frequency	146.88	146.28	146.28	147.03	443.40
Offset	-0.6	R/0	R/0	+0.6	+5.0
Antenna Height	735 ft.	255 ft.	405 ft.	405 ft.	735 ft.
A.M.S.L.	1,541 ft.	1,130 ft.	1,225 ft.	1,225 ft.	1,541 ft.
H.A.A.T.	825 ft.	334 ft.	496 ft.	496 ft.	825 ft.
Access Tone	PL 123.0 Hz	PL 123.0 Hz	PL 123.0 Hz	PL 123.0 Hz	DMR Color Code 1
EchoLink Node; 809821					

EXECUTIVE COMMITTEE -- CINCINNATI FM CLUB — 2016-17

President:	VACANT				
Vice President:	Bob Shokler	KD8JWN	931-2292	rshokler@cinci.rr.com	
Secretary:	Bill Klykylo	WA8FOZ	522-0593	klykylo1@cs.com	
Treasurer:	Richard Turner	KA8HXR	221-5707	rt_turner@hotmail.com	
Director 2017:	Jim Bunning	KD8HXP	769-0140	jabunning@fuse.net	
Director 2018:	Kitty Hevener	W8TDA	471-8866	W8TDA@arrl.net	
Director 2019:	Bill Klykylo	WA8FOZ	522-0593	klykylo1@cs.com	
Station Trustee:	Bob Conrad	W8SCK	756-9425	bob@heavenwire.net	
Editor:	John Maier	W8AUV	550-2838	W8AUV@arrl.net	



Home of the
 28/88 Repeater