

THE

# SPARK



April 2019

Home of the Cincinnati Repeater System

Cincinnati, Ohio

For the April meeting the club will meet at the Voice of America Museum located at 8070 Tylersville Rd. at 7:00. PM. After a short business meeting we will have a guided tour of the museum which is located in the former Bethany Relay Station of the Voice of America. The meeting room is in the lower level to the left.

During World War II the axis powers were showering the world with propaganda broadcasts that provided the listeners with only what the leaders wanted them to hear. The beginning of fake news I suppose. In 1943 Franklin Roosevelt ordered the war department to create a broadcasting system that could broadcast the news of the world in the many languages of the war zones. It was essential not to include anything that could be called propaganda, so it would be trustworthy. For security, it was to be sited in the heartlands safe from bombers. Coverage was Europe, Africa, South America and Asia on the common short wave bands.

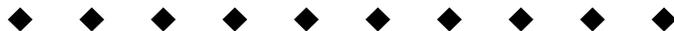
Transmitting that distance was outside the technology of the time. The army turned to Powel Crosley who had experience in powerful transmitters. He was responsible for the design and construction of the system. On a one square mile site on Tylersville Rd. He built the system with 6 transmitters, each of 200,000 watts AM on all the short wave bands to any of 24 antennas using a complex switching array. Different antennas covered different countries.

It is called the Bethany Relay Station, since there were no studios on the site. All programming originated in studios in New York City and Washington DC. Operations ceased at the site in 1994.

If you want to read the history of radio at that time and where VOA fit in, visit <http://www.voamuseum.org/about/bethany-relay-station-history/>



At the Voice of America Museum, the Bethany Relay Station is only part of the tour. Sited here is the Gray History of Wireless Museum, The History of Broadcasting Museum, The Crosley Museum and the West Chester Amateur Radio Association. Possibly, radio buffs won't be able to take everything in in just one visit. If you don't already know, you will be surprised at the genius of Powel Crosley Jr.



After our February meeting, Tom Delany, W8WTD, presented an update on ARRL. Tom is the Vice Director for the Great Lakes Division of the ARRL.



The Cincinnati FM Club net was held on 6 Mar 2019 at 2100 hrs. local time with Don Thie (W9OBQ) net control. We had 9 check-ins including two checking in on Echolink. Our president, Bob (KD8JWN) reported that the FM Clubs business cards have arrived and they will be displayed at our next meeting. Ken (W8LTT) reported that plans have been finalized for our next meeting at the Voice of America.

Check-ins were:

KD8JWN Bill

KA8HXR Richard

NG8P Howard

W8SCK Bob (echolink)

W8LTT Ken

W8TDA Kitty

W8OUU Jim

W3TFI Bob (echolink)

W9OBQ Don

Our net is held the first Wednesday of every odd month at 2100 hrs. local time. All members are encouraged to Participate. Check-in frequency is 146.880 Mhz.



### **WARN net access**

Bob Shockler said he took off the WARN access tone because we no longer change it when the weather net is up. Only the tail beep changes. Previously a 100 Hz. PL tone was used.

## Silent Key

It is with sadness that we report that a long-time member, Hank Greeb, N8XX, passed away in Michigan, where he had lived for almost twenty years. Hank retained his membership in the club even after moving. For many years, he was editor of the Listening Post, and served QCEN in many other capacities during his time here.

Funeral arrangements are pending. It is also possible that a memorial service will be held in Cincinnati at some time in the future.

This information comes from Allan Greeb, Hank's son, through Joe Wes-sels, W8WYF.



## Obituary for Henry Rudolph Greeb

Henry "Hank" Rudolph Greeb of Rockford, Michigan, age 81, passed away on Tuesday, February 26, 2019. He was born to Alexander and Wilhelmine (Vilt) Greeb on July 7, 1937, in Waco, Texas. Henry was the middle of three boys. His father was a Minister who served communities in the Midwest from Texas to Illinois. He earned B.S. and M.S. degrees from the University of Denver in chemical engineering. Henry was employed by Procter & Gamble in Research and Development in Cincinnati for 33 years and as a result, holds three patents. Henry was an avid amateur radio operator from his teens preferring to communicate by Morse code. He was a compassionate person who used this hobby to aid the Red Cross in weather related disasters. Henry had a passion for the arts and was often the organizer of group trips to theater or musical events. He loved books and travel which led him to Europe, Australia and New Zealand. Henry adventured closer to home tent and trailer camping, hiking and canoeing often with amateur radio in hand. He loved to participate in contests with other amateur radio operators for contacts and accumulated a room full of trophies and awards. Hank's compassion and love for people extended to anyone who ever met him. Silently supporting with his presence and unnoticed actions demonstrated his care for humanity. Not one for words, his actions and gestures confirmed his passion to make the world a better place for each person. Hank was tireless in donating his services to his community with disaster relief support, communications, and manpower to helping others in any capacity needed. Constantly making contributions to organizations, individuals, and charities, he quietly made impacts and measures of compassion and support. Henry is survived by his beloved wife of 57 years, Jeannette; loving children, Alicia, Alan and wife Sandra; brother, Charles and wife Madeline; sister-in-law, JoAnn Greeb; and granddaughters, Abigail and Jenna Gemereth. He was preceded in death by his brother, Fred. There will be a time of memorial visitation from 4:00 p.m. until 8:00 p.m. on Friday, March 1, 2019, at Pederson Funeral Home, 127 N. Monroe Street NE, Rockford, MI 49341. The funeral service for Henry will be celebrated at 11:00 a.m. on Saturday, March 2, 2019, at Courtland - Oakfield United Methodist Church, 10295 Myers Lake Ave NE, Rockford, MI 49341. There will also be a one hour memorial visitation prior to the service. Those wishing to offer an expression of sympathy are encouraged to make a memorial contribution to the American Heart Association.

To send flowers or a memorial gift to the family of Henry Rudolph Greeb please visit our [Sympathy Store](#).



A publication of . . .  
 The Cincinnati FM Club  
 1211 W. Sharon Rd.  
 Cincinnati, OH 45240

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 Sharon Rd, Cincinnati, OH 45240-2998. The Editor is Ken Irwin, W8LTT. Articles, suggestions and digital photos may be submitted to Ken via email at W8LTT@arrl.net, or by USPS at 358 Oliver Rd, Cincinnati, OH 45215-2615.

The deadline for the next edition is **Wednesday, March 20** for material submitted for publication or copied from other sources. Articles may be edited for clarity and length.

Meeting schedule: Wednesday, April 3 at 7:00 PM for a special meeting that includes a tour of the Voice of America Museum as well as the West Chester Amateur Radio Association ham shack. The on-the-air meeting on 146.28/146.88 is at 2100 hours May 1, 2019.

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

# The Cincinnati FM Club

Club Station Call: WB8CRS

Monthly Meeting: First Wednesday, Even Months, 7:30 PM

Cincinnati FM Club  
 1211 Sharon Rd  
 Cincinnati, OH 45240-2916

## CFMC Repeater System

	"88" System				
Location	GREENHILLS	MT. REPOSE	TAYLOR MILL	TAYLOR MILL	GREEN HILLS
Frequency	146.88	146.28	146.28	147.03	443.40
Offset	-0.6	R/O	R/O	+0.6	+5.0
Antenna Height	735 ft.	255 ft.	405 ft.	405 ft.	735 ft.
A.M.S.L.	1541 ft.	1130 ft.	1225 ft.	1225 ft.	1541 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
	<b>EchoLink Node 809821</b>				



Please submit your dues NOW  
For your 2019 CFMC membership renewal!

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## CINCINNATI FM CLUB

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### 2019 Membership Renewal/Application

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

NAME \_\_\_\_\_

New Member

CALL \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_

Membership Renewal

ADDRESS \_\_\_\_\_

Repeater Code Request

(number and street) (city, state and zip)

Amount Enclosed \$ \_\_\_\_\_ (\$0 if code request)

PHONE NUMBER \_\_\_\_\_

EMAIL \_\_\_\_\_

*OTHER HAMS IN HOUSEHOLD (at same address)*

NAME \_\_\_\_\_ CALL \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_

NAME \_\_\_\_\_ CALL \_\_\_\_\_ LICENSE CLASS \_\_\_\_\_

I will follow the "CFMC Repeater Operation Practices" document dated 3/24/2009. It is available on the internet at [http://cfmc.us/CFMC\\_Operating\\_Guide.pdf](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**  
**c/o Cincinnati FM Club**  
**152 Michell Blvd**  
**Harrison, OH 45130**  
**(513-741-8873 email k8fr@arrl.net)**



**RENEWALS: \$20** **Memberships lapse after January 1st. 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)

## EXECUTIVE COMMITTEE — CINCINNATI FM CLUB 2018-19

<b>President:</b>	Bob Shokler	KD8JWN	931-2292	<a href="mailto:rshokler@cinci.rr.com">rshokler@cinci.rr.com</a>
<b>Vice-President:</b>	Vacant			
<b>Secretary:</b>	Bill Klykylo	WA8FOZ	522-0593	<a href="mailto:klykylo1@cs.com">klykylo1@cs.com</a>
<b>Treasurer:</b>	Richard Turner	KA8HXR	221-5707	<a href="mailto:rt_turner@hotmail.com">rt_turner@hotmail.com</a>
<b>Director: 2017-19:</b>	Jim Bunning	KD8HXP	769-0140	<a href="mailto:jabunning@fuse.net">jabunning@fuse.net</a>
<b>Director: 2018-20:</b>	Kitty Hevener	W8TDA	471-8866	<a href="mailto:W8TDA@arrl.net">W8TDA@arrl.net</a>
<b>Director thru 6-30-19:</b>	Bill Klykylo	WA8FOZ	522-0593	<a href="mailto:klykylo1@cs.com">klykylo1@cs.com</a>
<b>Station Trustee:</b>	Bob Conrad	W8SCK	756-9425	<a href="mailto:bob@heavenwire.net">bob@heavenwire.net</a>
<b>Operations</b>	Jim Benson	W8OUU	825-1254	<a href="mailto:W8OUU@hotmail.com">W8OUU@hotmail.com</a>
<b>Webmaster</b>	Richard Kuns	KC8TW	907-5848	<a href="mailto:rkuns@one.net">rkuns@one.net</a>
<b>Membership</b>	Fred Ruzick	K8FR	543-4536	<a href="mailto:K8FR@arrl.net">K8FR@arrl.net</a>
<b>Editor SPARK:</b>	Ken Irwin	W8LTT	608-1898	<a href="mailto:W8LTT@arrl.net">W8LTT@arrl.net</a>

### Hamvention Flea Market

QCEN, The Queen City Emergency Net, has in past years had a Flea Market space at the Hamvention to sell club and member's ham-related gear. This year QCEN is offering table space to members of the CFMClub who would like to sell items but are unable to get to Xenia. Items will be taken by truck from the Red Cross on Dana Avenue on May 15. There will be a 10% handling fee for any items sold. Additional details will be available at the April meeting at the VOA .

Richard, KA8HXR

#### Cincinnati FM Club Treasurer's Report March 17, 2019

Beginning Checking Balance	\$10,418.22
Expended	
Mobilcomm	48.15
Manor House-Holiday dinner	.80
Received	
Membership Dues	60.00
	\$10,429.27

Respectfully, Richard KA8HXR

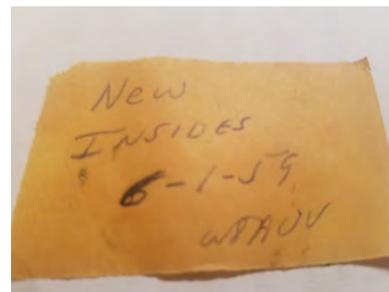
## Out of the past comes a history of a D-104 Mike

I received an email a few weeks ago from a relatively new Ham (W4BVB) Bradley Boyd by name who came upon a “shiny” Astatic D-104 microphone that he purchased on E-bay. When he got it home and connected this new “shiny thing” to his equipment, it didn’t work. As an aside, the D-104 typically has a tender crystal element and easily cracked when dropped or otherwise put out of service. Bradley realized he needed to replace the bad mike element with a newer modern one. The interesting part of this story is how I got involved in this repair project. You see, when Bradley opened the casing of the

D-104 to replace the defective mike element, he found a note – see the accompanying photo of the note – where on it was a simple message “New Insides 6-1-59, W8AUV. Bradley contacted me to see if I recalled replacing the element and if I wrote the note. Well I have to admit that the writing certainly could be mine, but I don’t recall writing the note or replacing the element. Heck, 1956 was a long time ago. I did use a D-104 mike as part of my station and it worked quite well for many years. It was most likely this same microphone that Bradly now has. He even gave me a compliment “Looks like some fine soldering work there.” Thanks Bradley for bringing this to my attention and for the compliment. Best of luck to you and many happy hours of operating.  
John, W8AUV

Cell Phone: 941-320-8101

Home Phone: 941-349-2451



**Cincinnati FM Club**

**Minutes, General Meeting, February 6, 2019**

**Attendance**

Bill Klykylo	WA8FOZ
Don Thie	W9OBG
Ken Irwin	W8LTT
Tom Delaney	W8WTD
Fred Ruzick	K8FR
Richard Turner	KA8HXY
Bob Shokler	KD8JWN

Call to order By President Shokler and Pledge of Allegiance, 7:30 PM

**Committee reports**

Minutes and Treasurer's report; Motion to accept Turner/Second Delaney, passed unanimously.

Membership; Ruzick: 21 renewals for 2019, 7 pending.

SPARK; Irwin: COPY NEEDED!

**Old Business**

Program plans – VOA for April meeting; DMR, Fusion, D-Star for future meetings.

**New Business**

No official business or motions. Further discussion of programs and possible excursions.

Motion to adjourn, Klykylo/ Second Turner. Passed at 8:03 PM.

**Program:** Tom Delaney, W8WTD reported news from the ARRL, including Board update.

Respectfully submitted,

Bill Klykylo WA8FOZ, Secretary