

Minutes-August 15, 2024, General Meeting

By Jim Gifford N8KET, Secretary

Executive Committee Members Present

President: Ray Hitt N8VMX, Newsletter

Vice President: Jim Totten WA8HUB, Lunch Bunch

Secretary: Jim Gifford N8KET

Sr. Director: Jim Lusk KC8EFD, Clubhouse

Jr. Director: Bob French AC8ZU, POTA, Tech Night

Functional Coordinators Present:

Tink Siwecki KD8NUA, Hospitality and Library

Paul Sharp WS8R, Education

Glenn Rodgers WI8O, Field Day

Don Parker KB8PSL, Community Service

Executive Committee Members Absent

Treasurer: John Westerkamp W8LRJ, Communications Center, Assistant Field Day

At 7:30 pm, President Ray Hitt N8VMX welcomed attendees and led attendees in the pledge of allegiance. Guests and attendees with new or updated licenses were recognized. Hitt then introduced our program speaker, Frank Beafore WS8B.

Agenda Item 1. Origins of Radio

Frank Beafore provided an in-depth and interesting presentation on the origins of radio. Key points follow:

- **Marconi Origins**

Taught by physics professors

Was in the Italian Army

- **Excellent Book on Antennas**

Book was authored by John Kraus K8JK

Antenna physics can be traced back to 600 BC

- **Radio Defined**

Fundamental components

Radio waves

- **Who Invented Radio?**

- **Radio Wave Components**

Thales of Miletus - discoveries

William Gilbert 1600

Benjamin Franklin 1750

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Law of conservation of a charge
Charles-Augustin de Coulomb
Karl Friedrich Gauss
Luigi Galvani
Frog legs
Alessandro Volta (Alessandro Giuseppe Antonio Anastasio Volta)
Hans Christian Ørsted
André-Marie Ampère
James Watt
Michael Faraday
Georg Simon Ohm
James Watt
Joseph Henry
James Clerk Maxwell
First spark transmitter
Édouard Eugène Désiré Branly
Radio signal detector
Marconi
Experiments described
Alexander Graham Bell
Charles Proteus Steinmetz
Thomas Edison
Nikola Tesla
Electyromagnetics
Samuel Finley Breese Morse
Sir Jagadish Chandra Bose
John Ambrose Fleming
Fleming Valve
Lee de Forest
Hiram Percy Maxim
Karl Guthe Jansky
Edwin Henry Colpitts
Ralph Vinton Lyon Hartley
Edwin Armstrong
Yagi-Uda
John Kraus
Antennas

- **SO- Who Invented Radio?**

All of them!

Frank Beafore said, “As you follow radio technology, notice that most of them were amateurs.”

Agenda Item 2. Minutes

Don Parker KB8PSL moved we accept the minutes as emailed; Jim Totten WA8HUB seconded; passed.

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Agenda Item 3. Treasurer's Report

In the absence of John Westerkamp W8LRJ, Ray Hitt read his emailed report, as printed below:

Generous donations of \$2000 for the Bandpasser II filters and \$308.89 for the Bellbrook Police Department replacement radio offset expenses for both items. We also had large expenses this month for Spectrum, Palomar Engineers for a balun to replace the rooftop dipole balun, and refreshment expenses for the 50th Anniversary Event totalling \$554.50.

Our balance as of the Membership meeting is \$10,002.21 and we continue to be in an excellent financial position.

Thanks!

John Westerkamp, W8LRJ
Treasurer

Fund	31-Jul-24	Income	Expenses	31-Aug-24
General	\$1,357.11	\$1,338.89	\$114.98	\$2,581.02
Comm center	\$1,277.33	\$0.00	\$139.95	\$1,137.38
Refreshments	\$927.73	\$100.00	\$299.57	\$728.16
Repeater	\$319.53	\$0.00	\$0.00	\$319.53
All Liquid Funds	\$3,881.70	\$1,438.89	\$554.50	\$4,766.09
6 Month CD	\$5,236.12	\$0.00	\$0.00	\$5,236.12
ALL FUNDS	\$9,117.82	\$1,438.89	\$554.50	\$10,002.21

2024 Indoor Field Day Summary

BARC Membership Meeting

John Westerkamp, W8LRJ – Assistant Field Day Coordinator
Bellbrook Amateur Radio Club
July 18, 2024

Joe Muchnij N8QOD moved we accept; Paul Sharp WS8R seconded; passed.

Agenda Item 4. Coordinators Reports

Don Parker announced the Lions Club parade on Saturday August 24 at 3pm.

Paul Sharp announced that the BARC newsletter, Full Quieting, won first place in the ARRL Ohio Section competition. The certificate was presented. Ray Hitt said it was a positive reflection of all the monthly contributors.

Ray Hitt announced the upcoming Tech nights that he will lead on “Hotspots.”

Jim Totten said the next BARC Lunch Bunch will be Tuesday, August 27 at Chic-fil-A in Centerville.

Tink Siwecki KD8NUA announced BARC Movie Night on August 22 at 7pm where “Lost City” will be shown.

Larry Darner KD8RER moved we adjourn; Joe Muchnij seconded. The meeting ended about 8:41pm.

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