

Minutes-July 20, 2023, General Meeting

By Jim Gifford KD8APT, Secretary

Executive Committee Members Present

President: Ray Hitt N8VMX, Newsletter, Field Day

Vice President: Glenn Rodgers KE8LZD, Greeter, Shack Tours

Treasurer: John Westerkamp W8LRJ, Communications Center

Secretary: Jim Gifford KD8APT

Sr. Director: Don Parker KB8PSL, Public Service (via Zoom)

Functional Coordinators Present:

Jim Totten WA8HUB, BARC Lunch Bunch

Paul Sharp WS8R, Education, Flex Users Group

Tink Siwecki KD8NUA, Hospitality

Executive Committee Members Absent

Jr. Director: Jim Lusk KC8EFD, Clubhouse

At 7:30pm, President Ray Hitt N8VMX led attendees in the pledge of allegiance. Hitt then welcomed our first speaker of the evening, Frank J. Beafore WS8B.

Agenda Item 1. Presentation: The Origins of Radio

Frank Beafore presented an animated and interesting slide program on the origins of radio. Because the PowerPoint is too large to insert in these minutes, the secretary has synopsized key points:

- | | |
|---|---|
| 1. This presentation is based on the landmark book <u>Antennas</u> by John Kraus (K8JK) | 24. Guglielmo Marconi |
| 2. Radio Defined | 25. Charles Protius Steinmetz and Alexander Graham Bell |
| 3. Fundamental Components of a Radio System | 26. Thomas Edison |
| 4. Who Invented Radio? | 27. Robert J. VanDe Graff |
| 5. Radio Wave Components | 28. The Electromagnetic Show Boat – Tesla |
| 6. Thales of Miletus | 29. Samuel F.B. Morse |
| 7. Electrostatic | 30. Jagadis Chandra Bose |
| 8. Electromagnetic | 31. Fleming Valve |
| 9. William Gilbert – 1600 | 32. Lee De Forest |
| 10. Benjamin Franklin | 33. H.P. Maxum |
| 11. Charles Agustin de Coulomb | 34. Paul Godley |
| 12. Karl Friedrich Gauss | 35. Karl Guthe Jansky |
| 13. Luigi Galvani | 36. Colepitts |
| 14. Alessandro Volta | 37. Ralph Hartley |
| 15. Han Christian Oersted | 38. Edwin H. Armstrong |
| 16. Andre' Marue Ampere | 39. Yagi-Uda |
| 17. Georg Simon Ohm | 40. The Helical |
| 18. James Watt | 41. John D. Kraus |
| 19. Michael Faraday | |
| 20. Joseph Henry | |
| 21. James Clerk Maxwell | |
| 22. Heinrich Rudolph Hertz | |
| 23. Édouard Branly | |

And lastly, leading to questions and discussion:

Minutes-May 18, 2023, General Meeting

So.....Who invented Radio?

- | | |
|-----------------------------------|-------------------------------------|
| ☐ Gilbert | ☐ Faraday |
| ☐ Franklin | ☐ Hertz |
| ☐ Coulomb | ☐ Maxwell |
| ☐ Gauss | ☐ Marconi |
| ☐ Galvani | ☐ Tesla |
| ☐ Volta | ☐ Edison |
| ☐ Ohm | ☐ Bell |
| ☐ Ampere | ☐ VanDeGriff |
| ☐ Watts | ☐ Godfrey |
| ☐ Morse | ☐ Jansky |
| ☐ Bose | ☐ Colebits |
| ☐ Fleming | ☐ Hartley |
| ☐ DeForest | ☐ Armstrong |
| ☐ Maxum | ☐ Uda |
| ☐ Kraus | |
| ☐ Yagi | |

Agenda Item 2. Field Day Report

Ray Hitt, Field Day Coordinator, provided a synopsis of Field Day results. Please review the upcoming “Full Quieting” for the total results. Some of his slides were omitted here for space and size considerations.



Section	Total	%	Section	Total	%	Section	Total	%	Section	Total	%
100	14	6.4%	101	14	6.4%	102	14	6.4%	103	14	6.4%
104	14	6.4%	105	14	6.4%	106	14	6.4%	107	14	6.4%
108	14	6.4%	109	14	6.4%	110	14	6.4%	111	14	6.4%
112	14	6.4%	113	14	6.4%	114	14	6.4%	115	14	6.4%
116	14	6.4%	117	14	6.4%	118	14	6.4%	119	14	6.4%
120	14	6.4%	121	14	6.4%	122	14	6.4%	123	14	6.4%
124	14	6.4%	125	14	6.4%	126	14	6.4%	127	14	6.4%
128	14	6.4%	129	14	6.4%	130	14	6.4%	131	14	6.4%
132	14	6.4%	133	14	6.4%	134	14	6.4%	135	14	6.4%
136	14	6.4%	137	14	6.4%	138	14	6.4%	139	14	6.4%
140	14	6.4%	141	14	6.4%	142	14	6.4%	143	14	6.4%
144	14	6.4%	145	14	6.4%	146	14	6.4%	147	14	6.4%
148	14	6.4%	149	14	6.4%	150	14	6.4%	151	14	6.4%
152	14	6.4%	153	14	6.4%	154	14	6.4%	155	14	6.4%
156	14	6.4%	157	14	6.4%	158	14	6.4%	159	14	6.4%
160	14	6.4%	161	14	6.4%	162	14	6.4%	163	14	6.4%
164	14	6.4%	165	14	6.4%	166	14	6.4%	167	14	6.4%
168	14	6.4%	169	14	6.4%	170	14	6.4%	171	14	6.4%
172	14	6.4%	173	14	6.4%	174	14	6.4%	175	14	6.4%
176	14	6.4%	177	14	6.4%	178	14	6.4%	179	14	6.4%
180	14	6.4%	181	14	6.4%	182	14	6.4%	183	14	6.4%
184	14	6.4%	185	14	6.4%	186	14	6.4%	187	14	6.4%
188	14	6.4%	189	14	6.4%	190	14	6.4%	191	14	6.4%
192	14	6.4%	193	14	6.4%	194	14	6.4%	195	14	6.4%
196	14	6.4%	197	14	6.4%	198	14	6.4%	199	14	6.4%
200	14	6.4%	201	14	6.4%	202	14	6.4%	203	14	6.4%
204	14	6.4%	205	14	6.4%	206	14	6.4%	207	14	6.4%
208	14	6.4%	209	14	6.4%	210	14	6.4%	211	14	6.4%
212	14	6.4%	213	14	6.4%	214	14	6.4%	215	14	6.4%
216	14	6.4%	217	14	6.4%	218	14	6.4%	219	14	6.4%
220	14	6.4%	221	14	6.4%	222	14	6.4%	223	14	6.4%
224	14	6.4%	225	14	6.4%	226	14	6.4%	227	14	6.4%
228	14	6.4%	229	14	6.4%	230	14	6.4%	231	14	6.4%
232	14	6.4%	233	14	6.4%	234	14	6.4%	235	14	6.4%
236	14	6.4%	237	14	6.4%	238	14	6.4%	239	14	6.4%
240	14	6.4%	241	14	6.4%	242	14	6.4%	243	14	6.4%
244	14	6.4%	245	14	6.4%	246	14	6.4%	247	14	6.4%
248	14	6.4%	249	14	6.4%	250	14	6.4%	251	14	6.4%
252	14	6.4%	253	14	6.4%	254	14	6.4%	255	14	6.4%
256	14	6.4%	257	14	6.4%	258	14	6.4%	259	14	6.4%
260	14	6.4%	261	14	6.4%	262	14	6.4%	263	14	6.4%
264	14	6.4%	265	14	6.4%	266	14	6.4%	267	14	6.4%
268	14	6.4%	269	14	6.4%	270	14	6.4%	271	14	6.4%
272	14	6.4%	273	14	6.4%	274	14	6.4%	275	14	6.4%
276	14	6.4%	277	14	6.4%	278	14	6.4%	279	14	6.4%
280	14	6.4%	281	14	6.4%	282	14	6.4%	283	14	6.4%
284	14	6.4%	285	14	6.4%	286	14	6.4%	287	14	6.4%
288	14	6.4%	289	14	6.4%	290	14	6.4%	291	14	6.4%
292	14	6.4%	293	14	6.4%	294	14	6.4%	295	14	6.4%
296	14	6.4%	297	14	6.4%	298	14	6.4%	299	14	6.4%
300	14	6.4%	301	14	6.4%	302	14	6.4%	303	14	6.4%
304	14	6.4%	305	14	6.4%	306	14	6.4%	307	14	6.4%
308	14	6.4%	309	14	6.4%	310	14	6.4%	311	14	6.4%
312	14	6.4%	313	14	6.4%	314	14	6.4%	315	14	6.4%
316	14	6.4%	317	14	6.4%	318	14	6.4%	319	14	6.4%
320	14	6.4%	321	14	6.4%	322	14	6.4%	323	14	6.4%
324	14	6.4%	325	14	6.4%	326	14	6.4%	327	14	6.4%
328	14	6.4%	329	14	6.4%	330	14	6.4%	331	14	6.4%
332	14	6.4%	333	14	6.4%	334	14	6.4%	335	14	6.4%
336	14	6.4%	337	14	6.4%	338	14	6.4%	339	14	6.4%
340	14	6.4%	341	14	6.4%	342	14	6.4%	343	14	6.4%
344	14	6.4%	345	14	6.4%	346	14	6.4%	347	14	6.4%
348	14	6.4%	349	14	6.4%	350	14	6.4%	351	14	6.4%
352	14	6.4%	353	14	6.4%	354	14	6.4%	355	14	6.4%
356	14	6.4%	357	14	6.4%	358	14	6.4%	359	14	6.4%
360	14	6.4%	361	14	6.4%	362	14	6.4%	363	14	6.4%
364	14	6.4%	365	14	6.4%	366	14	6.4%	367	14	6.4%
368	14	6.4%	369	14	6.4%	370	14	6.4%	371	14	6.4%
372	14	6.4%	373	14	6.4%	374	14	6.4%	375	14	6.4%
376	14	6.4%	377	14	6.4%	378	14	6.4%	379	14	6.4%
380	14	6.4%	381	14	6.4%	382	14	6.4%	383	14	6.4%
384	14	6.4%	385	14	6.4%	386	14	6.4%	387	14	6.4%
388	14	6.4%	389	14	6.4%	390	14	6.4%	391	14	6.4%
392	14	6.4%	393	14	6.4%	394	14	6.4%	395	14	6.4%
396	14	6.4%	397	14	6.4%	398	14	6.4%	399	14	6.4%
400	14	6.4%	401	14	6.4%	402	14	6.4%	403	14	6.4%
404	14	6.4%	405	14	6.4%	406	14	6.4%	407	14	6.4%
408	14	6.4%	409	14	6.4%	410	14	6.4%	411	14	6.4%
412	14	6.4%	413	14	6.4%	414	14	6.4%	415	14	6.4%
416	14	6.4%	417	14	6.4%	418	14	6.4%	419	14	6.4%
420	14	6.4%	421	14	6.4%	422	14	6.4%	423	14	6.4%
424	14	6.4%	425	14	6.4%	426	14	6.4%	427	14	6.4%
428	14	6.4%	429	14	6.4%	430	14	6.4%	431	14	6.4%
432	14	6.4%	433	14	6.4%	434	14	6.4%	435	14	6.4%
436	14	6.4%	437	14	6.4%	438	14	6.4%	439	14	6.4%
440	14	6.4%	441	14	6.4%	442	14	6.4%	443	14	6.4%
444	14	6.4%	445	14	6.4%	446	14	6.4%	447	14	6.4%
448	14	6.4%	449	14	6.4%	450	14	6.4%	451	14	6.4%
452	14	6.4%	453	14	6.4%	454	14	6.4%	455	14	6.4%
456	14	6.4%	457	14	6.4%	458	14	6.4%	459	14	6.4%
460	14	6.4%	461	14	6.4%	462	14	6.4%	463	14	6.4%
464	14	6.4%	465	14	6.4%	466	14	6.4%	467	14	6.4%
468	14	6.4%	469	14	6.4%	470	14	6.4%	471	14	6.4%
472	14	6.4%	473	14	6.4%	474	14	6.4%	475	14	6.4%
476	14	6.4%	477	14	6.4%	478	14	6.4%	479	14	6.4%
480	14	6.4%	481	14	6.4%	482	14	6.4%	483	14	6.4%
484	14	6.4%	485	14	6.4%	486	14	6.4%	487	14	6.4%
488	14	6.4%	489	14	6.4%	490	14	6.4%	491	14	6.4%
492	14	6.4%	493	14	6.4%	494	14	6.4%	495	14	6.4%
496	14	6.4%	497	14	6.4%	498	14	6.4%	499	14	6.4%
500	14	6.4%	501	14	6.4%	502	14	6.4%	503	14	6.4%
504	14	6.4%	505	14	6.4%	506	14	6.4%	507	14	6.4%
508	14	6.4%	509	14	6.4%	510	14	6.4%	511	14	6.4%
512	14	6.4%	513	14	6.4%	514	14	6.4%	515	14	6.4%
516	14	6.4%	517	14	6.4%	518	14	6.4%	519	14	6.4%
520	14	6.4%	521	14	6.4%	522	14	6.4%	523	14	6.4%
524	14	6.4%	525	14	6.4%	526	14	6.4%	527	14	6.4%
528	14	6.4%	529	14	6.4%	530	14	6.4%	531	14	6.4%
532	14	6.4%	533	14	6.4%	534	14	6.4%	535	14	6.4%
536	14	6.4%	537	14	6.4%	538	14	6.4%	539	14	6.4%
540	14	6.4%	541	14	6.4%	542	14	6.4%	543	14	6.4%
544	14	6.4%	545	14	6.4%	546	14	6.4%	547	14	6.4%
548	14	6.4%	549	14	6.4%	550	14	6.4%	551	14	6.4%
552	14	6.4%	553	14	6.4%	554	14	6.4%	555	14	6.4%
556	14	6.4%	557	14	6.4%	558	14	6.4%	559	14	6.4%
560	14	6.4%	561	14	6.4%	562	14	6.4%	563	14	6.4%
564	14	6.4%	565	14	6.4%	566	14	6.4%	567	14	6.4%
568	14	6.4%	56								

Minutes-May 18, 2023, General Meeting

Don Parker KB8PSL presented a PowerPoint presentation of Field Day photographs, compiled from Parker's camera and other member submittals. That presentation was too large to fill in on this report.

Agenda Item 4. Treasurer's Report

John Westerkamp W8LRJ gave the Treasurer's report. The email he sent out just before the meeting is found below:

Expenses finally caught up to us as we had to pay for a new power supply, Spectrum Internet, and renewal of our web hosting service (for two years). We did add a new member and had some income from the refreshments jar, but expenses outpaced income by about \$400 this month. Our balance as of the July 2023 General Membership Meeting is \$8615.47.

Thanks!

John Westerkamp, W8LRJ
Treasurer

Fund	30-Jun-23	Income	Expenses	31-Jul-23
General	\$6,043.00	\$30.00	\$280.86	\$5,792.14
Comm center	\$1,769.65	\$0.00	\$174.95	\$1,594.70
Refreshments	\$868.10	\$41.00	\$0.00	\$909.10
Repeater	\$319.53	\$0.00	\$0.00	\$319.53
ALL FUNDS	\$9,000.28	\$71.00	\$455.81	\$8,615.47

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Jordan Rio suggested it would be wise to invest in a financial certificate of deposit (CD).

Ken Gunton W8ASA moved we accept the report; Glenn Rodgers KE8LZD seconded; passed.

Agenda Item 5. Secretary's Report

The minutes were distributed via email. President Ray Hitt asked for approval. Glenn Rodgers moved we accept as written; Jim Totten seconded; no questions or changes noted; passed.

Agenda Item 6. Coordinator and Other Reports

Tink Siwecki KD8NUA invited members to the Movie Night the following Thursday. There will be popcorn and a dessert.

Jim Totten WA8HUB said the next BARC Lunch Bunch would be the following Tuesday at Cherry House Café.

Don Parker announced that on August 19th BARC is the lead on the Lion's Club parade. Parker will send out emails a couple weeks ahead to solicit volunteers. Usually the parade starts around 4pm.

George Sucich KE8SNS suggested that we help members again with programming the PL Tone, as some are having difficulty with certain radios. This was noted and may be part of an upcoming operating day, but in the meantime, John Westerkamp invited any members having problems to seek out someone on the board to assist.

Minutes-May 18, 2023, General Meeting

Ray Hitt asked attendees if there were any visitors, new members, upgrades, or new licensees. Several responded.

Paul Sharp WS8R said that we have two new Sunday night net control operators: Joe Menchaca KE8UUQ and Larry Darner KD8RER.

Ray Hitt invited anyone using digital radios to a DMR net each weekday at 11:30.

Jim Totten moved we close the meeting; Larry Darner seconded; passed.

Closed at 8:58pm