

**Mo-Kan Regional Council of
Amateur Radio Organizations, Inc.**

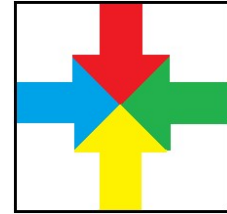
C/O 500 East 105th Terrace

Kansas City, Missouri

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<http://mokancouncil.org>



**Minutes
First and Second Quarter Meeting
Annual Corporate Meeting
9:00 AM CDT, Saturday, April 15, 2023
Mezzanine Room B, 2023 Ararat Hambash**

1. **Call to Order – Randy Schulze, KD0HKD**
2. **Welcome to Hambash 2023!**
3. **Roll Call of Member Organizations with Representatives**
 - a. **Randy Schulze, KD0HKD, President, Raytown ARC**
 - b. **Keith Kaiser, WA0TJT, Radio Scouting**
 - c. **Charles Van Way, N0CW, Secretary, JCRAC**
 - d. **Jerry Chamberlain, W0ZXH, BART**
 - e. **Dave Hinkley, KA0SOG, Vice Chair, Lees Summit / Greenwood ARC**
 - f. **Carolyn Wells, N0CJ, MECC, KC Heart**
 - g. **Jeff Darby, KS0ID, Santa FE Trails ARC**
 - h. **Bill Gery, KA0FNK, Johnson County RAC**
 - i. **Herb Fiddich, NZ0K, KC Hamlink**
 - j. **Joe Krout, KR0UT, Jayhawk ARC, Olathe Ensor Foundation**
 - k. **Tom, K0KCR, KC Mesh**
4. **Elections: (Dave Hinkley)**
 - a. **Chairman (Randy Schulze, Incumbent)**
 - b. **Secretary (Charles Van Way, Incumbent)**
 - c. **Board Member, (Bill Gery, Incumbent)**
 - d. **Board Member (Keith Kaiser, Incumbent)**
5. **Secretary's Report (Charles Van Way)**
 - a. **Minutes from the October 10, 2022 Meeting**
 - b. **New Membership Applications to the Council**
 - i. **Sedalia-Pettis Amateur Radio Klub (SPARK) (Confirm)**

- ii. Independence W5YI Testing & Gordon West Instructors
- iii. Olathe Ensor Foundation

6. Treasurer's Report (Jerry Chamberlain)

- a. Amount on hand: \$2,025.80

7. Regular Committee Reports - None

- a. Activities Committee – Keith Kaiser, Chair
- b. Recognition Committee – Larry Staples, Chair
- c. Issues Committee, Bill Gery, Chair

8. Regular Business:

- a. **KCMesh Project and Mo-Kan Support.**
 - i. Report on the status of the KCMesh Project by Bill Gery (Addendum)
- b. **Proposed Mo-Kan Symposium (Tabled from October 15, 2022)**
 - i. Idea Proposed by Dave Hinkley
 - 1. Further Discussion Required:
 - a) Brainstorm Ideas
 - b) Put Lead Team in Place
 - c) List Goals and Objectives.
 - d) Create Plan, (Date – Location – Logistics)
 - e) Tasked Carol Wells and Joe Krout to create plan
 - 2. Outlined on MOKAN GroupsIO page
 - 3. Organizations to invite
 - a) EOCs in MOKAN's Area
 - b) hospitals in MOKAN's Area
 - c) radio club officers in MOKAN's Area
 - d) local tv meteorology heads
 - e) Rural Volunteer Fire Departments
 - f) CERT
 - g) Red Cross / Salvation Army
- c. **Proposed Idea for Regional Contest/Event (Joe Krout)**
 - i. Could be either a VHF-UHF contest or a HF event
 - ii. Award for KCstations, KC special event stations
 - iii. Keith and Joe to meet and establish a proposal
 - iv. Allow input on GroupsIO MOKAN page
- d. **ARRL Foundation Grant**
 - i. Request Declined
 - ii. Request will be resubmitted
 - iii. MESH project still proceeding (see above)
- e. **Mo-Kan Recruiting Effort: Three new applicants at this meeting.**

f. Other Project Status:

i.Ham 400 Training Events

ii.Elmers' Table ongoing; at this hamfest

iii.Other Projects

9. Any Other New Business from the Floor?

a. Event at Ensor Museum – Joe Krout, KR0UT

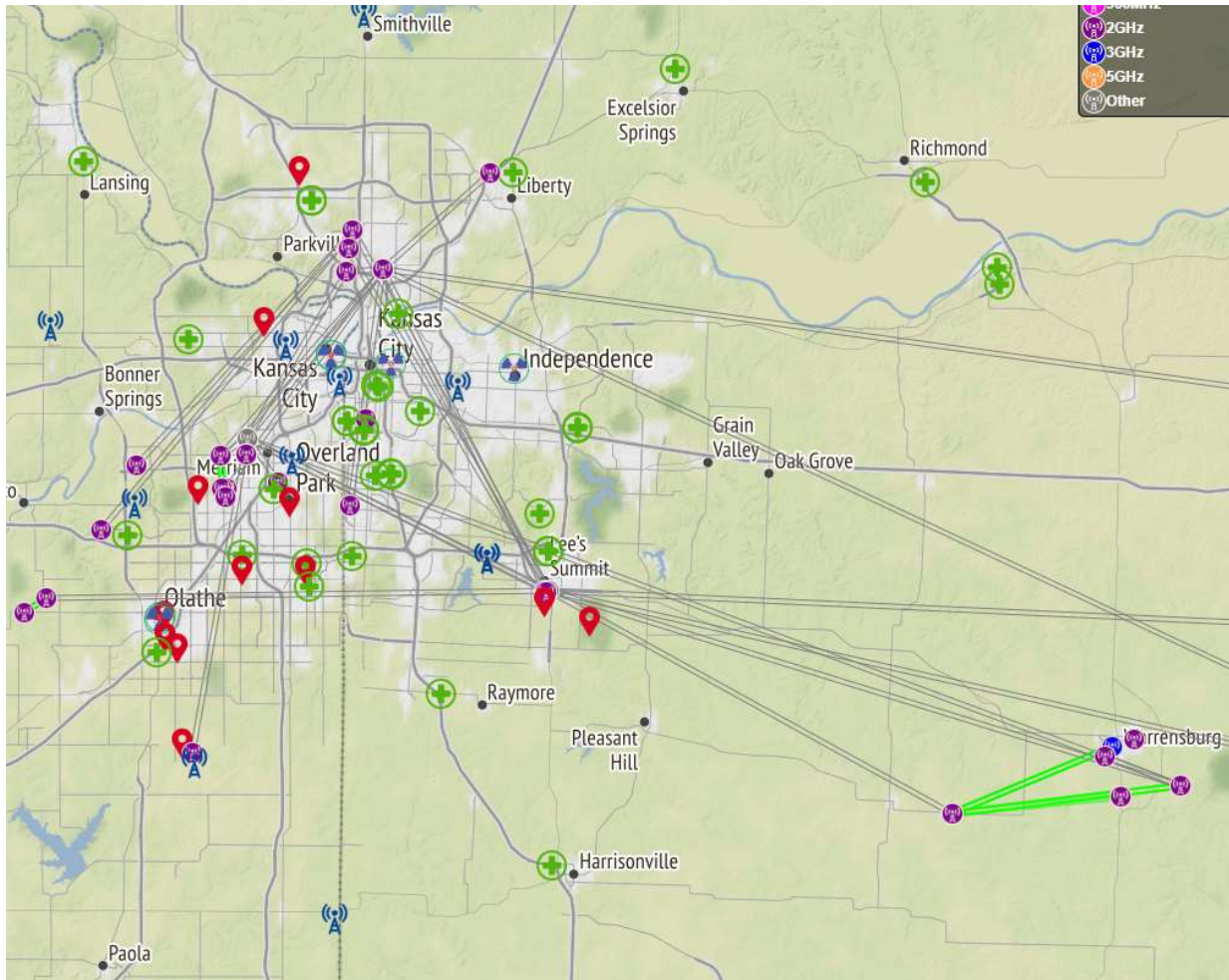
i. 100th Anniversary of Marshall Ensor's first license, August 12, 2023

10. Next Meeting:

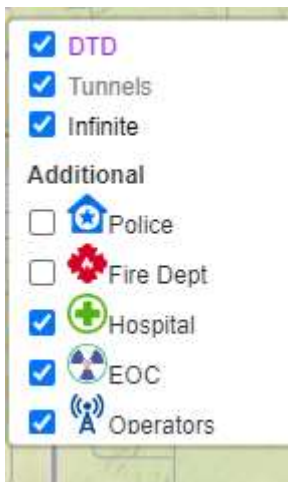
a. We need an organization to host an upcoming meeting, July – September

11. Adjourn

Addendum: Report on KCMesh project – Bill Gery, KA02FNK



Current tunnel and RF nodes. EOC and hospitals nodes possible locations



KCMesh services:

- IP phone. Metro wide and nationwide
- KCMeshChat. Auto posting of Weather warnings and statements.
- Web cameras. Shawnee and Holden.
- Winlink messaging. RMS Relay available to any AREDN mesh reachable. Locally KA2FNK-10 and KOJPR-10.
- KCMesh status map. Updates every 5 minutes.

Weather station:

The screenshot shows a web interface for a weather station with several tabs: Network, Weather Station, Weather Network, Services, System, License, and Live Data. The 'Weather Station' tab is active, showing 'Min/Max Data' for 'Historical Data'. The data is presented in a table with columns for '# Sensor', 'Now 16:32', 'Today Sat 08', 'Month Apr', 'Year 2023', and 'All Erase'. Each row represents a different sensor, with values for 'min' and 'max' for each time period.

# Sensor	Now 16:32	Today Sat 08		Month Apr		Year 2023		All Erase	
		min	max	min	max	min	max	min	max
0 indoor temperature	80.1°F	78.1°F	82.0°F	73.9°F	84.9°F	73.0°F	86.0°F	71.1°F	87.1°F
0 indoor humidity	0%	0%	0%	0%	0%	0%	0%	0%	0%
0 pressure	29.06inHg	29.06inHg	29.18inHg	28.21inHg	29.36inHg	27.92inHg	29.52inHg	27.92inHg	29.52inHg
0 sealevel pressure	30.20inHg	30.20inHg	30.32inHg	29.35inHg	30.50inHg	29.07inHg	30.66inHg	29.07inHg	30.66inHg
0 outdoor temperature	68.2°F	45.3°F	68.9°F	33.4°F	84.6°F	9.0°F	84.6°F	-7.1°F	84.6°F
0 outdoor humidity	13%	12%	47%	12%	90%	12%	100%	12%	100%
0 outdoor dewpoint	15.4°F	13.3°F	30.9°F	13.3°F	64.2°F	-2.6°F	64.2°F	-13.7°F	64.2°F
0 outdoor heatindex	68.2°F	45.3°F	68.9°F	33.4°F	84.6°F	9.0°F	84.6°F	-7.1°F	84.6°F
0 wind speed	5.1mph	0.0mph	15.2mph	0.0mph	33.6mph	0.0mph	34.4mph	0.0mph	34.7mph
0 average wind speed	4.9mph	0.0mph	9.8mph	0.0mph	16.3mph	0.0mph	17.0mph	0.0mph	19.0mph
0 rain fall (total amount)		0.00in		0.07in		7.24in		13.22in	
0 rain rate (hourly)	0.00in/h	0.00in/h	0.00in/h	0.00in/h	0.06in/h	0.00in/h	0.60in/h	0.00in/h	4.45in/h

Ambient Weather bridge (\$160)

- Acurite 1025/1035/1525.
- Acurite Internet Bridge.
- Ambient Weather WS-1080, WS-1090, WS-2080, WS-2090, WS-2095.
- Davis Instruments Vantage Pro2, Pro1 (except firmware A). Requires WeatherLink.
- Davis Instruments Vantage Vue. Requires WeatherLink.
- Luftt WS600/601.
- Maede TE923, TE827, TE821, DV928.
- Oregon Scientific WMR968, WMR928.
- Oregon Scientific WMR88, WMR100, WMR200, WMR300, WMRS200.
- Peet Bros Ultimeter 100, 800, 2100.
- RainWise MkIII (requires USB to serial converter and serial data logger, or USB data logger).

Donations:

Tom Eagle	\$1000
Daniel Carter, node for Truman	\$160
Bill Gery, Equipment for Roswell Tower	\$2000
Keith Bowman, node for Ensor	\$200

KC Mesh current work underway:

WY County EOC. Three nodes installed. Need to finish mounting on of the nodes and point all three nodes to next node when installed.

Roswell Tower. Have all the equipment for three nodes with 120-degree sector antennas. Scheduling towers work next step.

Truman (MCI) Have equipment. Looking to install after Roswell tower work.

Providence and St John hospitals. Some equipment on hand, rest will be purchased or donated once Roswell tower.

Advent, Shawnee. Need site survey to determine site requirements.

Ensor . Node in place. Need to follow up with Spring Hill High School for approval to local node there.

There are two possible Hams that could then install nodes with a tunnel.

Started task with Johnson County ECS and Johnson Count EM. Performing node location modeling.

Grant Request:

Once we have active nodes, we will resubmit revised grant request.