



Minutes of the  
**Sedalia – Pettis Amateur Radio Klub**  
Sedalia, Mo

**Meeting:** July 8, 2023  
**Program:** No program  
**Meeting leader:** Richard, KE0QYA  
**Meeting Location:** Pettis County EMA 1511 N Ohio, Sedalia MO

31 total in attendance; 30 members; 12 VE; 12 ARRL, 1 guests  
(Sign in sheet maintained in separate file)

**OPENING:** Meeting Raffle with three numbers drawn and netting \$36 for the club.

Richard, KE0QYA – Club VP presided over the meeting in Bret, W0VK absence. Meeting started at 8:35am with the Pledge of Allegiance followed by introductions. No workshop following the meeting today.

**OFFICER REPORTS:**

**Secretary:** Harry, K0TV Club Secretary presented summary of last month’s meeting minutes. Printed copies were available at the meeting and had previously been posted on the club website. Don, KF0ARQ moved to accept minutes, a 2<sup>nd</sup> was received, PASSED.

**Treasurer:** John, N0XG presented the report. Net currently is \$7,073.66. Lori, KF0IHX moved to accept the report. There was a 2<sup>nd</sup>. PASSED.

**COMMITTEE REPORTS:**

**TESTING:** John, N0EE indicated we were able to test today if there were candidates.

**TRAILER:** Mark, K0NYE reported on a change taking place with the trailer configuration. The computers are being moved to the rear portion of the trailer where dual displays will be installed to support resource location mapping. Mark donated an icom 8000 to be used for digital activity. Due to heat, it may be after Labor Day to complete the work. But the trailer is ready to deploy now. The FT100 is still out of service. Still needing to trouble shoot the problems. There may also be an issue with the associated tuner.

**TRAINING:** Daren, KD0OPS reported no classes are on the horizon. Future meeting workshops on VARA and Pi-Star are planned.

**REPEATERS: 2M, 6M, 220, DMR, Fusion:** All repeaters reported to be in service. John, N0XG reported on 2M on-site repeater maintenance which took place June 17, 2023, by Steve, KE0CYW.

1. Transmitter is 150 Hz off frequency.
2. Line from receive cavity to 5-port splitter was very loose.
3. 45 watts out of transmitter
4. 28W forward, 0.7 watts reflected to the antenna. Tuned the transmitter combiner cavity.
5. .295 micro-volt (-117.6 dBm) receiver sensitivity and repeat level at receiver.
6. .408 micro-volt (-114.8 dBm) receiver to antenna.

Tuned the 2 cavities in the receiver multi-coupler.

Item 2 is believed to be the likely source for the recent 2M repeater noise.

**NETS:** Richard, KE0QYA took volunteers for monthly NCS. Other nets were reported to be up and down regarding participation. The Fusion net on the Concordia repeater is well received. But will be short lived because Concordia will shortly convert to FM.

**EMCOMM** – Practice weather nets follow all siren tests.

**PUBLIC INFORMATION** – Dennis, KY0P reported on public media. Daren, KD0OPS reported on FB. Chris, KC0TKS reported on the Website. Connie, WA0QCJ reported on the newsletter. A puzzle has been added thanks to KC0TKS. Harry, K0TV posed a question to the club regarding possibly live streaming the club meetings. After a short discussion Richard, KE0QYA referred the topic to Harry to research and report options at a future meeting.

**WRECKING CREW** – Connie, WA0QCJ still needs help.

**HEALTH & WELLNESS** – There are club members that have requested assistance. A First Aid kit was constructed by the Sparklers and is now available in the Communications trailer.

#### **OLD BUSINESS:**

**Scott Joplin** – This, now annual, event was conducted following the last meeting. Richard, KE0QYA reported that Philip, KJ5ZW tried a contact from TX, but was not successful due to weather.

**Balloon event** – The club was ready at 5:30am to provide APRS tracking for this local balloon event. Nearby lightning and a threat of deteriorating weather forced cancelling of the flights. Assembled operators turned the event into a practice weather net exercise using APRS positioning.

**Field Day** – Harry, K0TV reported that points have not yet been reported. There were 38 signed in, we worked 5A MO class with 4-CW, 18-Digital, and 175-PH QSO's. We expect our score to be about 1,288. Thanks to Steve, KC8AEK for taking care of scoring. We conducted a 24hr event and had the usual pot-luck supper Saturday evening. One problem mentioned was that at one time there were 3 stations all operating 20M. We need to better manage transmitter assignment at future events.

**13 Colonies** – Several members reported working the 13-colony event. Richard, KE0QYA was particularly successful in contacting all the available event stations.

#### **NEW BUSINESS:**

**Warrensburg hamfest** – Due to site issues and scheduling, this event has been moved to August 5. This is our meeting date. Lori, KF0IHX moved, and there was a 2<sup>nd</sup>, to change our club meeting for August to the 2<sup>nd</sup> Saturday. After discussion indicating that would be State Fair week, the motion PASSED.

**POTA** – Joel, KE0WJX announced that the Knob Noster state park event will be conducted Saturday 7/15/23 since the Warrensburg hamfest was cancelled for that day. Event starts at 9:00am

**SPARKFEST** – Event still on schedule. Location secured. 15 tables left as of today. Looking for a final push during August. Everything looking good.

**Storage Locker** – Don, KF0ARQ suggested the club look into a storage locker. The club trailer is becoming a collection point for club assets. It is adding weight and clutter to the communications trailer and will degrade its effectiveness. Richard assigned Don to research options and report at a future meeting.

#### **WRAPUP:**

Next meeting will be August 12, based on the vote conducted today. Paul will reserve the EMA room. No workshop is scheduled for next month.

John, N0EE has materials and a team ready to test today. No apparent candidates.

Paul, KD0ETL moved to adjourn the meeting. A 2<sup>nd</sup> was received. PASSED

Meeting closed at 9:55 am.

These minutes submitted by  
Harry Burford, K0TV  
SPARK Secretary