

MISSOURI REPEATER COUNCIL, Inc.

BOARD OF DIRECTOR'S MINUTES

July 22, 2015

Meeting was called to order by MRC President, Don, KMØR, at 20:00 CDST. Board members in attendance were Roger, KØGOB; George, WBØIIS; Jeff, KB3HF; and Gary, NØPBM.

440 Band Plan

With the introduction of off-the-shelf digital repeaters with Internet connectivity readily available, many individuals and groups want to coordinate a repeater pair for local use. No pairs are available in some areas and pairs are rapidly being depleted in other areas. What can be done to accommodate the requests for low powered repeaters in the 440 band?

Discussion gravitated to developing a 440 band plan similar to the SNP repeater plan on 2-meters. In other words, develop some guidelines for permitting closer spacing than the 90 or 120 miles for on-channel repeaters.

Jeff, KB3HF, identified three 440 pairs that are available throughout the state. It may be possible to establish guidelines to permit a number of low powered repeaters to share these pairs without interfering with each other.

Using the parameters that have proven to be successful in the 144 band, the Coordination Guidelines for Low Power, Low Height Systems in the 420-450 MHz Band were developed. The guideline addresses four key areas to minimize interference. They are: 1) Mileage separation, 2) RF output, 3) Antenna height and 4) Selective access method (i.e. CTCSS, CDCSS and digital mode selective access codes).

Database Update

The Miller Group continues to work on the new MRC database (DB) and the associated email notification and coordination. The after-hours, part-time programmer continues to deliver excellent modules per our specification, but the pace is glacially slow. The good news is that the MRC has not been charged for any of the work.

Both the public and user views on the web are complete. The last review of the coordinator's ability to add or modify repeaters and Links has been completed. Once the "People" section is addressed, the automatically generated email links can be established. At that point, we plan on replacing the existing DB and web page with the new one. The programming required to search for openings for new repeaters will come later.

Repeater Data Collection

The ARRL has hired a third party to develop a new DB for their Repeater Directory. One of the changes is the inclusion of the type of repeater output. In addition to P25 and D-Star, several/many(?) additional types will be identified. The MRC needs to start collecting the TX output protocol for each repeater.

Adjournment

There being no further business, Don, KMØR, thanked the Board Members for participating and adjourned the meeting at 20:42 CDST.

Submitted by,
Roger, KØGOB
MRC Treasurer