



KNOW YOUR NETWORK

DMR LINKED REPEATER NETWORKS

KØNGA MIKE

ROCKY MOUNTAIN HAM RADIO

AGENDA

- RMHAM DMR Network
 - Network Map
 - Operating Practices
- DMR-MARC
- Brandmeister
 - Concepts
 - Access Options

RMHAM DMR MAP

RMHAM / DMR-MARC DMR Repe...
620 views

All changes saved in Drive

Central / Lookout Local

- Individual styles
- Denver / Lookout Mountain

Central / Rocky Mountain

- Individual styles
- Breckenridge / Bald Mountain
- Denver / Squaw Mountain
- Denver / Thorodin Mountain
- Fairplay / Badger Mountain
- Genoa
- Granby**
- Westcreek

Central / South

- Individual styles
- Denver / Devils Head

South / Rocky Mountain

- Individual styles
- Albuquerque / Sandia Crest
- Cañon City / Fremont Peak
- Colorado Springs / Almagre ...
- Durango / Caviness Mountain
- Pueblo
- Methodist Mountain

The map displays the state of Colorado and parts of Wyoming and New Mexico. Major cities like Denver, Colorado Springs, Pueblo, and Albuquerque are visible. National forests such as Medicine Bow-Routt, Arapaho & Roosevelt, and San Juan are also labeled. The map is overlaid with a grid and various colored pins (blue, yellow, red) indicating specific DMR locations. The Google My Maps logo is visible in the bottom right corner of the map area.

RMHAM DMR NETWORK

- Five Talk Groups: Rocky Mountain (wide), North, South, Denver, and Lookout Local
- When contacting another ham, use the smallest coverage talk group possible
- If necessary, use Rocky Mountain to make contact, then move to a smaller coverage talk group if possible

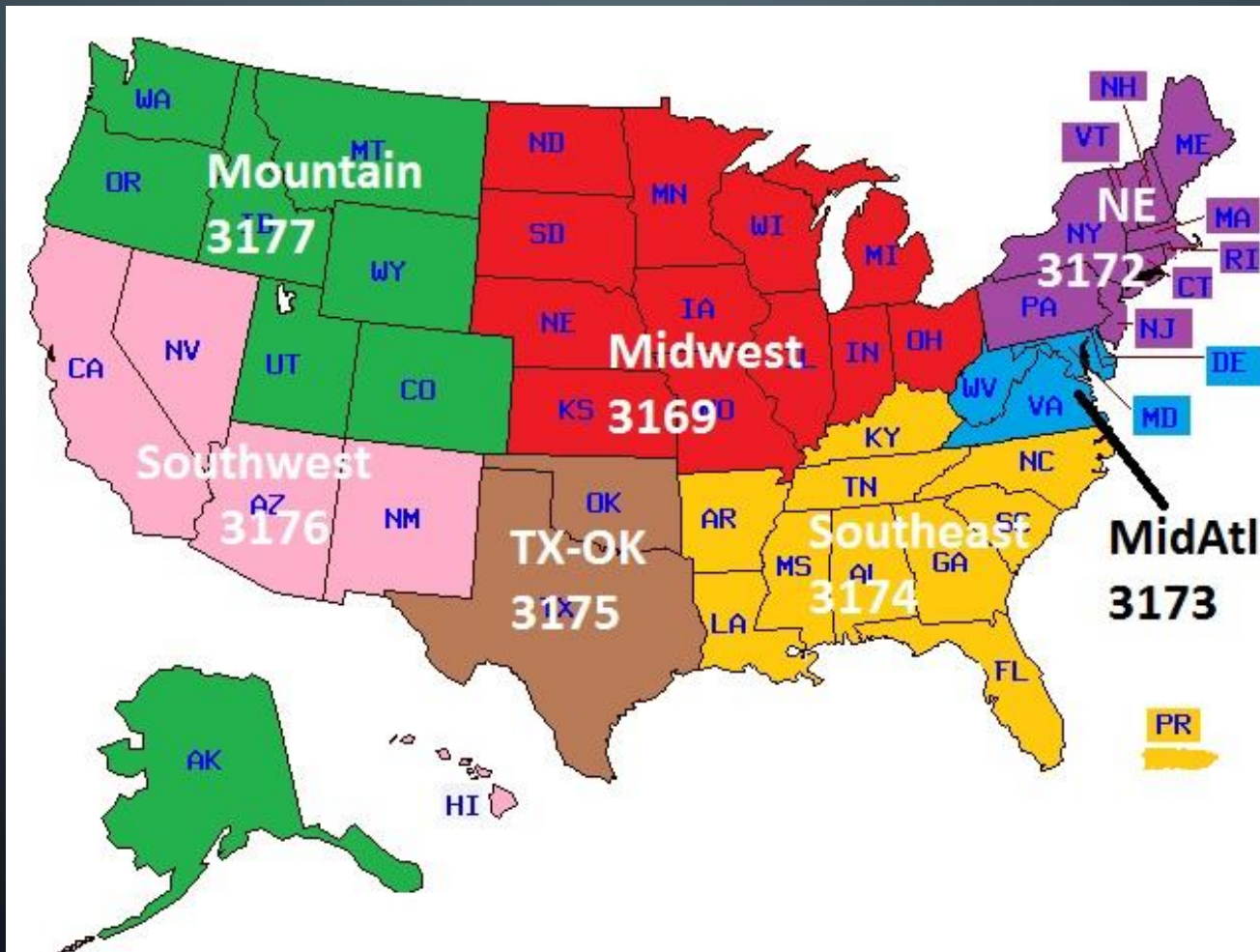
ID YOUR TALK GROUP

- When calling, identify which talk group you are transmitting on.
- “This is K-0-N-G-A on Rocky Mountain”
- Many Hams scan various channels and may want or need to turn scan off and tune to your channel to respond.
- If you don’t ID the talk group, the responding ham may not know which channel to tune to.

DMR-MARC

- World Wide, MANY talk groups
- Most Talk Groups are static
- World Wide, World Wide English, North America, Local, *US Regionals*
- Colorado is in the Mountain regional talk group
- Also has User Activated Talk Groups, sometimes called Tactical Talk Groups (e.g., TAC310), which are only active when you transmit on them.

DMR-MARC US REGIONAL TALK GROUPS



BRANDMEISTER

- World Wide, MANY talk groups
- All Talk Groups are dynamic; A Talk Group can be made static on a repeater by the repeater operator
- All Talk Groups (unless made static on a repeater) are user activated
- Remote users cannot activate a Talk Group on a remote repeater
- Desired Talk Group must be programmed into the radio channel (with some advanced exceptions)

BRANDMEISTER

- Two ways to access the Brandmeister network:
 - Traditional Repeater
 - Brandmeister site has a map of all repeaters
 - Work mostly like any other DMR repeater
 - Hotspot
 - Different types available
 - Short-range, only practical for personal use
 - OpenSpot currently to most widely used

The image features a dark blue background with white, stylized circuit board traces in the corners. These traces consist of straight lines and small circles, resembling electronic components or connections. The word "DEMO" is centered in a large, white, sans-serif font.

DEMO

STUFF AND THINGS

- RMHAM Website – <http://www.rmham.org>
 - Interactive DMR repeater map: <http://bit.ly/rmham-trbo-map>
- DMR-MARC Website – <http://www.dmr-marc.net>
- Brandmeister
 - Dashboard: <https://brandmeister.network/>
 - Audio Feeds: <http://hose.brandmeister.network/>
 - Wiki: <https://wiki.brandmeister.network>
- Contact Me: KONGA@arrl.net



QUESTIONS?