

Coastside Amateur Radio Club

REPEATER USER GUIDE

Welcome to the Coastside Amateur Radio Club's WA6TOW repeater. This User's Guide for Repeater Operation will help you make better use of our repeater. Your privileges are available 24 hours a day, every day. Your responsibilities require that you operate at all times in compliance with all FCC rules and regulations ([including Part 97](#)), follow these repeater rules and guidelines, and observe all instructions from control operators and net control operators using the repeater.

2 METER REPEATER

Our VHF/UHF repeater, known as WA6TOW, is located on top of Montara Mountain between Pacifica and Montara. The listening frequency for this repeater is 146.925 Mhz (negative offset) and CTCSS or PL tone of 114.8. During the repeater's normal state, you should hear a short (3-4 second) delay called a squelch tail after each transmission end. **IT IS OUR PRACTICE ON THE REPEATER TO WAIT UNTIL THE SQUELCH TAIL DROPS BEFORE KEYING UP IN RESPONSE OR BEFORE MAKING ANOTHER CALL.**

NETS

Our 2 meter repeater is the designated repeater for several communication operations called nets. **Priority** of the nets will be determined by CARC alone. **And even though a user has priority they do not have exclusive use of the repeater.**

- **FCC Licenses:** The Net Control Operator is responsible for ensuring net members possess amateur radio licenses.
- **Identification:** The Net Control Operator is responsible for ensuring all users comply with FCC rules requiring the announcement of the using station's FCC issued call sign every ten (10) minutes and at signing off.
- **Announcement:** The Net Control Operator is responsible for making an announcement every ten (10) minutes about the nature of the net

Emergency Nets

San Mateo County Sheriff (SMCS) uses the repeater for emergency drills and emergency operations. When emergency conditions warrant, the San Mateo County Sheriff officials will call a net. During non-net traffic this repeater is open for regular or emergency communications by other hams.

Regularly Scheduled Nets

There are regularly scheduled nets. Please refer to the CARC web site calendar for the scheduled and authorized nets. **If you are not on the calendar you are not authorized to conduct a net.** See the web site for details.

Scheduled Nets

From time to time organizations may request the use of the net for special events such as a bike-a-thon. **You must get on the web site calendar to be authorized to conduct a net.** See the web site for details.

Good Manners

We are all judged by the company that we keep. No one wants to be associated with a bunch of ill-mannered, rude and discourteous people. You are responsible for the conduct of your net..