

# September 2019 Revision of the Coast Side HAM Radio Band Plan

The attached file contains the updates being adopted by the HMB Radio Club to address some coverage and connectivity problems.

The first set of changes has to do with the CMD11 frequency. At present it is hard linked to the 146.925 (TOW) repeater. It is also the designated repeater for Daly City to use in an emergency. We will change our local name for this channel to CMD14 keeping the same repeater parameters as the current CMD11 and using it as a fallback repeater channel.

The parameters for the new CMD14 frequency are :

Frequency	441.075 MHz.
Offset	Plus
Tone	114.8 Hz.

The parameters for the new CMD11 frequency are :

Frequency	440.725 MHz.
Offset	Plus
Tone	114.8 Hz.

CMD11 is now the Band Plan name for the CARLA System 32 Repeater co-located with the 146.925 (TOW) repeater on top of Montara Mountain. It actually covers the same geography as the TOW repeater. The HMB Radio Club has received written permission to use this repeater for Club activities, Nets and Events. This repeater covers the entire area of Branches 1 and 2. This solves our dilemma for providing a radio link to the designated Shelter site at Farallone School. It also offers good coverage of the Montara and Moss Beach communities.

There will be subsequent announcements when the club Nets will start using this repeater in place of current repeaters.

The next sets of changes have to do with some cleanup for Branch 1 Repeaters. For a time we enjoyed the use of two repeaters located in Moss Beach. We tentatively named them CMD 12 and CMD 13. With Chris Icide leaving California they have been decommissioned but we plan to restore the 2 Meter repeater in future. We retained the 2 Meter Frequency as CMD12 as a placeholder for future use. Don't worry if they do not show in your radio's memory. We just need to keep that CMD12 frequency reserved in the County Bandplan.

The club has pitched in to support our Pilot's Association's DART program. This is a plan to use general aviation aircraft to provide emergency transport to the coastside in the event of a major disaster. This effort is patterned off of the airlift efforts to maintain delivery of essential supplies and staff going to Watsonville during the aftermath of the 1989 earthquake. Roads to Watsonville were cut off for days as a result of that quake. The local pilots in Watsonville and San Martin pitched in to ferry essential goods and people until normal lines of transport could be restored.

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In trying to find radio links between the various general aviation airports in Monterey, San Carlos and San Mateo counties we discovered the CARLA System of Linked Repeaters and the WB6ECE System of linked repeaters. The CARLA system offers complete coverage for this purpose and the WB6ECE offers substantial coverage. I have added these two repeater systems to the bottom of our band plan so everyone will have the channels programed into their radios in case the need arises.

The parameters for the new CAR32L frequency is:

Frequency	440.725 MHz.
Offset	Plus
Tone	114.8 Hz.

The parameters for the new CAR32S frequency are:

Frequency	440.725 MHz.
Offset	Plus
Tone	167.9 Hz.

The name convention is CAR32L and CAR32S for the CARLA system access. The CAR32L gives access to the CARLA32 Repeater's local area coverage. The CAR32S gives access to the State-wide linked repeater system. The CARLA32 repeater is identified by WB6JKV in Morse Code over the air. We will be using the CAR32S memory channel while working on DART exercises and deployments.

Local radio traffic will temporarily block System Traffic for some 20 seconds. This mechanism prevents State-wide traffic from interfering with Local radio traffic. All this switching logic takes place when you first hit you PTT switch. Just remember to press you PTT switch and count to THREE before speaking to allow the repeat to catch up.

For more information on the system check the web at:

<http://www.carlaradio.net>

The parameters for the new WB6ECE Repeater are:

Frequency	441.300 MHz.
Offset	Plus
Tone	100.0 Hz.

Information on the WB6ECE system repeaters is also on the web at:

<http://www.wb6ece.org/>

As always your comments are welcome.

73,

Lee, AJ6BN