

NorCal FJs Communication Plan

CB - We have two main channels that we use if both are in use on the trail then a group decision by the trail leader will determine operating frequency

Primary Channel 31

Secondary Channel 30

FRS/GMRS - We have one primary channel that we run communications on since CTCSS allows us to control who we hear.

Primary Channel 7 code 31 Most FRS radios

Primary Frequency 462.7125 PL 192.8 GMRS

Secondary Channel 6 code 31 most FRS radios

Secondary Frequency 462.6875 PL 192.8

HAM VHF 2M - On the trail 2 Meter VHF is the most flexible and VHF has better ground wave propagation than UHF for point to point with a HT. The only thing we need to make sure to do is not operate on an input or output frequencies for repeaters in the band.

National Calling Channel - 146.520 not for rig to rig comms

Primary - 146.460 no tone

Secondary - 146.565 no tone

HAM UHF 70cm/440 - UHF communications tend to be for everyday conversations. The main system that is used is the CARLA repeater system. The current system is 31 linked repeaters in the Northern California area. It covers from SF to east of Reno down to San Luis Obispo (aka Pismo) there are systems that reach into areas like High Sierra and Gold Lake. If you plan on using the CARLA system make sure to read some of the guidelines or ping me (opg4759) for information on its use. They guys that run it are friends and they welcome the use of the system.

HAM 6 meter - TDB

HAM HF 10/12/20 Meters. This will be on a case by case basis since only a few of us are General or Extra level HAMs.

APRS - Most of the time if we are running APRS we will stick to the standard 144.39 national frequency. There may be specific events like AllCal for example that we might run a network off the national grid. That will be determined by the HAMs on site and a survey of the APRS network in the local area.

Most Commonly Used Frequencies

	CB	FRS	GMRS	2 Meter
Primary	31	7/31	462.7125 PL 192.8	146.460 no tone
Secondary	30	6/31	462.6875 PL 192.8	146.565 no tone