

# County Wide Repeater and License Information

## 1: EQUIPMENT

A: K6CPT, VHF REPEATER (144.700 IN/145.300 OUT) INPUT PL=100.0, MT. DISAPPOINTMENT, FOR DCS "OPERATIONS". OLDER MOTOROLA MICOR, COUNTY OWNED. Obtained from DRMO, assembled by ECT Nicholson.

B: WA6ZTR, VHF REPEATER (147.870 IN/147.270 OUT) INPUT PL=100.0, MT. DISAPPOINTMENT, FOR "NON-OPERATIONAL" DCS INTER-MEMBER COMMS. NOT COUNTY OWNED, PAID FOR BY DCS "CLUB" MEMBERS.

a: SHOULD BE "DONATED" TO COUNTY BY DCS MEMBERS. OLDER MOTOROLA MICOR RADIO. ASSEMBLED BY ECT NICHOLSON FOR DCS.

b: ALSO FUNCTIONS AS A "HOT STAND-BY" BACK-UP FOR K6CPT REPEATER IN CASE OF FAILURE.

C: WA6IBL, UHF REPEATER (440.800 IN/445.800 OUT) INPUT PL=88.5/OUTPUT PL=103.5, Mt. Disappointment. Originally, this was a single frequency UHF control radio for controlling the LA DCS VHF repeater; this capability is no longer functional. Later, UHF frequencies were paired up and coordinated by "SCRRBA" for the Southern California Region (as recognized and authorized by the FCC) and currently, the 440/445.8000 MHz channel pair is now registered and shared by LA DCS and the Rabbit Radio Network (RRN) amateur group as "CO-CHANNEL" users along with DCS. This was necessary to ensure retention and continued use of the pair by LA-DCS. Currently, the Rabbit Radio Network group operates a repeater on the 440/445.8000 frequency from Chatsworth Peak in the far western San Fernando Valley. This repeater covers the Simi and SF Valleys as well as into downtown LA and limited portions of the LA Metro basin. Their agreement with LA DCS ensures that if the WA6IBL repeater needs to be activated for emergency DCS use, the Chatsworth Peak repeater will be mastered off for the duration. This cooperative arrangement has worked completely satisfactorily since inception, and is beneficial to DCS by operationally protecting the frequency pair. I highly recommend that this arrangement remain in place for continued protection of the coordinated frequency pair.

The equipment installed for the WA6IBL UHF repeater is personally owned by ECT Nicholson (not including the cabinet) and is slated to be removed very soon prior to his retirement from County employment. After this time, there will not be an operational repeater for DCS operating on this frequency pair; however we remain coordinated for a high level, wide area coverage repeater from the Mt. Disappointment site.

D: K6CPT repeater on 220 MHz, Mt. Disappointment. This repeater is under the same conditions as the WA6ZTR repeater and is owned by the DCS "CLUB" members.

E: 1296 MHz. equipment and operations by LA-DCS. Original locations were: OAT MTN, (equipment has been removed); Mt. Disappointment, equipment is broken and non-operational and any/all operation ceased per Warning Notice Letter from the FCC. This equipment is scheduled to be removed in the very near future, as it is no longer being used by DCS. RIO HONDO, equipment is no longer used by DCS and has been turned off for several years. Should be removed from the site. The 1296 MHz. frequency/equipment was implemented as a DIGITAL PACKET (no voice operation) repeater system ("DIGIPEATERS") however, has not been in DCS use for several years and is considered "obsolete". In the intervening years, the use of the PACKET mode of operation has been replaced by many, various newer digital modes. ALL 1296 MHz equipment is owned by the DCS "CLUB" group.

F: There also exists an additional VHF repeater on 144.700 in/145.300 out, PL=156.7/ [OUTPUT PL=100.0](#) installed at the EOB Facility on the Eastern Ave. hill site. This repeater affords coverage for the San Dimas DCS operation and other units having poor geographical access to the Mt. Disappointment repeater site, as well as a functional back-up for the Mt. Disappointment repeater in case of failure. This repeater is County owned.

2: ANTENNA'S: Antenna's for VHF (145 MHZ & 220 MHZ) and UHF (WA6IBL) at every repeater site are commercial "Station Master" type High gain collinear, heavy duty, verticals. This very robust type antenna is mandatory for high elevation sites, such as Mt. Disappointment, due to extreme weather conditions frequently experienced. ALL antenna's and coaxial feed lines are County owned, with most having been installed by the County Line Crews.

Additionally, the antenna associated with the WA6IBL UHF repeater at Mt. Disappointment will remain in place after ECT Nicholson has removed his equipment.

3. DCS Related Amateur Club Licenses

<b>Call Sign</b>	<b>Club Name</b>	<b>Trustee</b>	<b>FRN</b>	<b>Expires</b>
<a href="#">K6CPT</a>	LA CO SHERIFFS RAD EMERG OPRTNS CTR	Eugene A Thielman - <a href="#">K6TVE</a>	0011024767	2024-07-21
<a href="#">WA6ZTR</a>	LA CO SHERIFFS RAD EMERG OPRTNS CTR	Eugene A Thielman - <a href="#">K6TVE</a>	0011024775	2024-07-21
<a href="#">WA6IBL</a>	LA CO SHERIFFS RAD EMERG OPRTNS CTR	Eugene A Thielman - <a href="#">K6TVE</a>	0011024759	2024-07-21
<a href="#">WA6SCC</a>	SHERIFFS COMMUNICATIONS CENTER AMATEUR RADIO CLUB (SCC ARC)	ALFRED D ORTEGA - <a href="#">AA6AL</a>	0017589243	2018-04-15