

DCS Technical Team Repair/Installation Request



1.	Location(s)	Control #
	Compton Sheriff Station 301 S. Willowbrook Ave. Compton, CA 90220	CPT-01
2.	Statement of the Problem(s)	
	<p>A. Compton has no DCS equipment. Because of space limitations the Standard radio suite must be modified. Maximum use should be made of the radios in storage at Compton and in the CFMB inventory. Equipment is needed in two locations, the Fleet Office in the building and a metal storage container in the parking lot.</p>	
3.	Recommended Solution(s)	
	<p>A. Fleet Office installation – three positions</p> <ol style="list-style-type: none"> 1. Install an ICOM IC-2200H 2m radio (should be in storage at Compton) mated with a StationMaster Collinear 145 MHz antenna (should be in the CFMB inventory). 2. Install an Alinco DR 235 MkIII 220 radio (should be in storage at Compton) mated with a StationMaster Collinear 220 MHz antenna (should be in the CFMB inventory). 3. Install a Kenwood TS-2000 HF/10m/6m/2m/440 (should be in storage at Compton) mated with a B&W BWDS-90N 1.8 – 30 MHz Terminated Folded Dipole, horizontally polarized for NVIS and a Diamond X-50NA 2m/440 gain vertical antenna (N connector). 4. Install two Astron RS35A power supplies: one for the IC 2200H and the DR 235, and the other for the TS 2000 by itself. There are Astron power supplies in storage at Compton of unknown model. <p>B. Metal Container – one position</p> <ol style="list-style-type: none"> 1. Install a Yaesu FT 8900 Quad band 2m/440/6m/10m (should be in the CFMB inventory) mated with a Diamond Antenna CR8900A Quad band mobile vertical antenna (UHF connector). The Diamond antenna should be permanently mounted to the metal container to provide a good ground. The permanent mount could be a commercial PL259 mobile mount or as simple as an L bracket and bulk head barrel UHF connector. We do not recommend a magnetic mount. 2. Install an Astron RS20A power supply for the FT8900. There are Astron power supplies in storage at Compton of unknown model. 	
4.	Concurrences	Date
	Technical Team Contact	Jim Glancy, N-01, jbglancy@gmail.com
	DCO	none
	Technical Ops Officer	Deane Bouvier , S-50, n5dq@arrl.net
5.	CFMB Approval	