

DCS Technical Team Repair/Installation Request



1.	Location(s)	Control #
	South LA Sheriff Station, Technology IT Room 202 1310 W. Imperial Highway, Los Angeles, California 90044	SLA 16-01
2.	Statement of the Problem(s)	
	<p>A. Yaesu FT-897 HF radio farthest to the right – The coax connected to it exhibits SWR > 10 across the entire 3-30 MHz HF band. Speculation is that it is not connected to any antenna. Three coils of low-loss coax with N-connectors on the floor beneath the HF radio desk exhibit the same performance. There is a Hy-Gain DX88 trap vertical on the roof, but it is apparently not connected to any of the four coax feedlines that we tested for SWR.</p> <p>B. Left-side Yaesu FT-8900 transceiver (3rd radio from the left) – It is connected to a VHF-low ground plane for 10-meters (29.50 MHz) and exhibits fluctuating SWR performance in the wind. Speculation is that the antenna elements or connections are loose.</p>	
3.	Recommended Solution(s)	
	<p>A. Ensure that the feedline currently secured to the FT-897 is attached to the DX-88 and that connection to the antenna is good. Add the roof radial kit or, if already installed, ensure proper connection and performance.</p> <p>B. Inspect and repair the 10 meter antenna.</p>	
4.	Concurrences	Date
	Technical Team Contact	Deane Bouvier, S-50, n5dq@arll.net
	DCO	Diana Feinberg, S-60, dfeinberg@att.net
	Technical Ops Officer	Deane Bouvier, S-50, n5dq@arll.net
5.	CFMB Approval	