

Colocation Requirements Checklist

v1.1

Rack Space:		Yes	No
	Are you supplying a rack for your equipment?		
	How Many?		
	Are you requesting rack space from existing 19" rack?		
	How many rack spaces?		

AC Power		Yes	No
	Will your equipment be required to run on the existing battery backup power system?		
	Current draw of equipment?		

Grounding Requirements	All equipment on the tower and in the shelter shall meet Motorola's R56 standard.		
	Coax on tower shall have ground straps located at the following points -At the top near the antenna -At the bottom near the tower ground bar -At the entry to the building		
	Coax shall be attached to the coax ladder rack using appropriate size snap-ins		
	Any coax entering the shelter shall have the proper size entry boot		
	Any coax entering the shelter shall have a surge protector within 2 feet of the entrance into the building		
	Equipment in the shelter shall be ground to the rack ground using #6 ground wire		
	Cabling inside the shelter shall be installed in the ladder rack and follow cabling standards and spacings		

RF Interference	Any known RF interference issues shall be mitigated up front at the collocation expense		
	The spread spectrum band of 902-928 MHz has been known to cause intermodulation mixes that land on the City of La Crosse's 800MHz receive frequency. The required solution to resolve this up front is to add a band pass filter around the spread spectrum band being used. This filter should be approved by the City of La Crosse Radio Service contractor.		
	4.9 links are currently in use by the City of La Crosse and by the La Crosse County. The links being proposed will need to ensure no interference or degradation to the existing links in use. Proposed frequency use should be reported in the collocation document		