

FCC Application for Experimental License STA

File Number: 0474-EX-ST-2014

Exhibit 1: Information on Experiment

Purpose of Experiment

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental STA License for the operation of two SRC-1494 V2 Radars. The purpose of our request is to test and develop new waveforms. SRC's operation has been pre-coordinated by the FAA.

The period of time SRC will be requesting our Experimental STA is six months; over the period of July 1, 2014 through December 31, 2014. The radar will be operated up to 24 hours per day.

Operating Location

The SRC-1494 V2 radars will be operated from a tripod 7 ft. above ground at a fixed location within the radius of operation. The coordinates SRC will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Merced, CA	37°21'40"N	120°22'40"W	280 ft.	10 km

Operating Schedule

SRC will operate the SRC Experimental Transmitter on the following schedule over the period of the Experimental License grant:

Schedule	Operations
Hours per day	Intermittently up to 24 hours per day

Cease Buzzer for Experiment

SRC understands that operation will be on a secondary non-interference basis. In the event interference complaints were to occur, SRC has taken preventative measures to cease and desist from transmission until they can be resolved. SRC has established a Cease Buzzer point of contact to quickly react with any interference complaints that are the result of our system. The point of contact for the SRC Cease Buzzer is:

Point of Contact	Telephone Number
Cease Buzzer (Primary)	(315)-452-8114