

FCC Application for Experimental License STA

File Number: 1033-EX-ST-2014

Exhibit 1: Information on Experiment**Purpose of Experiment**

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of one SRC-1494 V3 Radar. The purpose of our request is conducting aircraft detection in a coastal area.

SRC's operation has been pre-coordinated by the FAA. *SRC understands that the radar shall not be used for air traffic control purposes. Approval of this assignment does not imply future procurement or endorsement by the FAA of this radar system.*

The period of time SRC will be requesting our Experimental STA is three months over the period of December 15, 2014 through March, 28 2015. The radar will be operated up to 24 hours per day.

Operating Location

The SRC-1494 V3 radar 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
Port Mansfield TX	26°33'23"N	97°26'13"W	5 ft.	1 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