

FCC Application for Experimental License STA

File Number: 0891-EX-ST-2016

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

SRC respectfully requests to the Federal Communications Commission (FCC) to grant us an Experimental STA for the operation of one BSTAR™ Avian Surveillance and Warning System Radar for the purpose of waveform development for avian and aircraft detection.

SRC Inc further understands that modifications to the US table of frequency allocations will be necessary before this system can be sold to non-Federal Government entities.

The period of time SRC will be requesting our Experimental License is six months; between the period of June 2016 through December 31, 2016.

The radar will be operated up to 24 hours during the period of the Experimental License.

Operating Location

The BSTAR radar will be operated at a fixed location at the DFW International Airport from a tripod 7 ft above ground. The coordinates SRC will use at DFW International Airport are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
DFW	32°55'02.95" N	97°01'55.82" W	572 ft.	0 Mile

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	(315)-200-2295 or (315)-452-8000