FCC Application for Experimental License STA
File Number: 0582-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 for the operation of one BSTAR™ V3 Avian Surveillance and Warning System Radar for the purpose of waveform development for avian detection in a marsh area.

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.

System	Power Output/ERP Peak	Frequency
BSTAR V3	2560 W 123.90 kW	1380 MHz (Pre-Coordinated with FAA)

Duration of Experiment

The period of time SRC will be requesting our Experimental License is three months; between the period of 9/1/2014 through 11/1/2014. The operating schedule is up to 24 hours per day.

Operating Location

The BSTAR radar will be operated within our 5 km radius of operation. The radar will be operated from a tripod 2 meters above ground level.

The coordinates SRC will use during our experiment are centered at:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Fisherman's Island Va	37° 03'53.47"N	76° 00'32.05"W	Sea Level	5 km

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
Primary Cease Buzzer	(315)-452-8114