

## FCC Application for Experimental License STA

File Number: 0865-EX-CN-2018

### Exhibit 1: Information on Experiment

#### Purpose of Experiment

SRC Inc, respectfully requests that the Federal Communications Commission to grant us an Experimental License for the operation of one PFCR Radar. The purpose of the request is conducting proof of concept testing for an experimental radar.

The period of time SRC will be requesting our Experimental STA over the period of December 1, 2018 through December, 1 2020. The radar will be operated during normal duty hours and weather permitting.

#### Operating Locations

The SRC Inc, PFCR Radar will be operated from a tripod 7 ft. above ground. The coordinates SRC will use are:

Location	Latitude	Longitude	Radius of Operation
Syracuse NY	43° 07' 52.42" N	76°05'20.54 W	10 km
Picatinny Arsenal, NJ	40°55'03.66" N	74°34'57.85"W	10 km
Aberdeen Proving Ground, MD	39°27'47.82" N	76°07'13.43"W	10 km
Fort Dix, NJ	40°01'47.41" N	74°37'06.56"W	10 km
Yuma Proving Ground	32°52'13.9" N	114°00'12.9"W	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)	315-727-8426
Cease Buzzer (Secondary)	315-452-8114