

FCC Application for Experimental License

File Number: 0173-EX-CM-2023

Exhibit 1: Modification of Experimental License**Purpose of Experiment**

SRC Inc, respectfully requests that the Federal Communications Commission modify our Experimental License for WJ2XWP for operation of our PFCR Radar system to add a new location at Ft AP Hill in Virginia. The purpose of the request is an engineering demonstration of our experimental radar.

The period of time SRC will be requesting our Experimental STA is twenty-four months; over the period of June 1, 2023 through April 01, 2028. The PFCR radar will be operated during normal duty hours and weather permitting.

Operating Locations

SRC Inc, will operate the PFCR Radar from a tripod 2 meters above ground. The coordinates SRC will use are:

Location	Latitude	Longitude	Radius of Operation
Ft AP Hill VA	38° 4' 22"N	77° 19' 18"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	During duty hours

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) 452-8291
Cease Buzzer (Secondary)	(315) 452-8895