

FCC Application for Experimental License

File Number: 0124-EX-PL-2015

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

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of three SRHawk (SRC-3554) radars. The purpose of our request is to test and evaluate radar performance in a coastal environment. Our license request is over the period of one year ranging from June 1, 2015 through June 1, 2016

SRC-3554 Frequency Requirements

The SRHawk radar requires only one frequency within the 16.21-16.5 GHz operating band of the system to operate.

Operating Location

The SRHawk radar will be operated at a fixed location within the radius of operation. The coordinates SRC Inc. will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
West of Port Hueneme CA	34° 8'49"N	119° 5'48"W	16 ft.	20 km

Operating Schedule

SRC will operate the SRC-3554 Radars intermittently Up to 8 hours per day over the requested period of June 1 2015 through June 1, 2016 for the Experimental grant.

Interference Mitigation

The SRC-3554 radar can blank transmissions from 0 and 360 degrees in azimuth if necessary to protect other services that may be operating.

Cease Buzzer Point of Contact

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 points of contact for the Cease Buzzer are:

Point of Contact	Telephone Number
Cease Buzzer (Primary)	315-460-0975
Cease Buzzer (Secondary)	302-584-2013