

## Technical Description

Submitted by Joel Thorsheim on behalf of Insitu  
The Boeing Company  
Frequency Management Services  
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This experimental request is being submitted in lieu of a STA extension of FCC call sign WI9XKX under file number 0173-EX-ST-2015. Operations are expected to go beyond STA approval dates.

### GROUND EQUIPMENT

|              |                                                                                        |
|--------------|----------------------------------------------------------------------------------------|
| Frequencies: | 1760, 1800, 1805, and 1845 MHz or at least 4 Frequency Channels in Band 1755-1850 MHz. |
|              | 2210, 2230, 2310, and 2350 or at least 4 Frequency Channels in Band 2200-2400 MHz.     |
| Emissions:   | 2M40G1D, 4M79G1D, and 9M58G1D                                                          |
| Output ERP:  | 772 Watts                                                                              |

### Stop Buzzer

Stop buzzer for this operation is Insitu the Operations Action Center at 866-637-4691.

### SCHEDULE

Start Date: September 1, 2015  
Stop Date: August 30, 2017

### FIXED GROUND LOCATION

Summit Ridge near The Dalles, OR  
NL 45-27-07; WL 120-56-28  
N45.45193 W120.94104  
Fixed ground operations

### MOBILE AIRBORNE LOCATION

Area bounded by NL 45-28-37, WL 121-01-17; NL 46-38-28, WL 116-15-15; NL 45-23-45, WL 120-58-38; and NL 46-33-36, WL 116-12-32