

## Technical Description

Submitted by Joel Thorsheim  
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Frequency Management Services  
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### L-Band Mobile Airborne and Fixed Ground Equipment

Frequency Band:	1359 - 1381 MHz
Emission:	22M0D1D
Frequency Tolerance:	20 ppm
Ground Output Power:	766 Watts ERP
Airborne Output Power:	2 Watts ERP

### S-Band Mobile Airborne and Fixed Ground Equipment

Frequencies:	2390 - 2489 MHz
Emission:	22M0D1D
Frequency Tolerance:	20 ppm
Ground Output Power:	3049 Watts ERP
Airborne Output Power:	2 Watts ERP

### C-Band Mobile Airborne and Fixed Ground Equipment

Frequencies:	4411 - 4789 MHz
Emission:	22M0D1D
Frequency Tolerance:	20 ppm
Ground Output Power:	2475 Watts ERP
Airborne Output Power:	2 Watts ERP

### Stop Buzzer

Stop buzzer for this operation is Ben Schreffler at 509-493-6690

### Schedule

Start Date:	February 15, 2012 or As Soon As Possible
Stop Date:	6 months beyond approval date

### Location

Boardman Bombing Range, Morrow, OR  
45-44-52N 119-48-11W  
NAD83  
Radius of operation is 20 kilometers  
Flight Level: 3,000 feet