

## Technical Description

Submitted by Joel Thorsheim on behalf of Insitu  
The Boeing Company  
Frequency Management Services  
P.O. Box 3707 MC: 2T-22  
Seattle, WA 98124-2207  
206-544-6066 Office

### Schedule

Start Date: July 15, 2013  
Stop Date: December 31, 2013

### Equipment

Frequency Band: 1370-1390 MHz  
Emission: 230KF1D  
Transmit Output: 1 Watt  
Output Power: 1 Watt

Frequency Band: 1370-1390 MHz  
Emission: 230KF1D  
Transmit Output: 5 Watt  
Output Power: 608 Watts ERP

Frequencies: 2411, 2434, 2453, 2463, 2473 and 2486 MHz  
Emissions: 18M0F9W and 16M0F3F  
Transmit Output: 2 Watts  
Output Power: 1.22 Watt ERP

Frequency: 1090 MHz  
Emissions: 11M0M1D  
Transmit Output: 175 Watts Peak  
Output Power: 107 Watts ERP

### Stop Buzzer

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

## Location

Request 96 NM (178 Km) radius around 71-23-51 N 164-36-43 W

## Specific Northern Arctic Area Warning Area Defined Below

Chukchi Sea Waters off Alaska coast

Area bounded by:

NW Corner: 72° 0.000'N, 168° 0.000'W

NE Corner: 72° 0.000'N, 160° 0.000'W

E Corner: 71° 0.000'N, 160° 0.000'W

S Corner: 70° 20.000'N, 164° 0.000'W

SW Corner: 70° 20.000'N, 168° 0.000'W

Flight Level: Over-water flights from the surface to 2,000' feet in altitude.

