

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

This Special Temporary Authorization request is being submitted to support temporary UAS operations in the Beaufort Sea.

Schedule

Start Date: May 20, 2015
Stop Date: October 30, 2015

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

Stop Buzzer

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

Location

Request 62 NM (115 Km) radius around 71-30-00 N 150-00-00 W
Beaufort Sea Waters off Alaska coast
Take off from Oliktok Point or from Coast Guard Vessel within radius
Flight Level: Over-water flights from the surface to 2,000' feet in altitude.

FAA Alaska Coordination

NG T150131
NG T150132
Michael T. Ferens
Contract Support (NISC III), Spectrum Engineer FAA Spectrum Engineering Services AJW-1C7
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Notes

If any interference is observed by local RADAR sites, operations will cease.
Stop Buzzer information and procedures will be coordinated with local FAA spectrum office.
Operations will only be conducted under approved Certificate of Waiver Authorization (COA)