

Technical Description

The Boeing Company

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by

Joel D. Thorsheim
The Boeing Company
Frequency Management Services MC: 2T-22
P.O. Box 3707
Seattle, WA 98124-2207
206-544-6066

This experimental request is being submitted in lieu of a STA extension for operations previously approved under call sign WF9XSM and file number 0428-EX-ST-2012. This application slightly modifies the location data from WF9XSM but the technical data remains the same.

JUSTIFICATION:

Direct Commercial Sales (DCS) Contract with India for P-8I Development and Testing under CONTRACT NO: 171/DAA/C/08-09LRMRASW/AIRCRAFT (08)

These frequencies are requested to support Boeing P-8I aircraft production and testing. The P-8I is a long-range anti-submarine warfare, anti-surface warfare, intelligence, surveillance and reconnaissance aircraft capable of broad-area, maritime and littoral operations. The P-8I is a variant of the P-8A Poseidon that Boeing is developing for the U.S. Navy. This is a military derivative of the Next-Generation 737-800. Boeing is building the P-8I at its production facility in Renton, Washington and has a Direct Commercial Sale agreement with India.

This experimental license request is likely to require coordination with NTIA for two reasons. First, the original P-8A aircraft was designed for the U.S. Navy and, as such, it was designed to employ spectrum segments that are allocated in the United States either solely or partially for U.S. government use. Second, in modifying the aircraft for sale to the Indian government, a possibility exists that different frequencies may have been employed in order to align the aircraft operations with the frequency allocation table for India. To the extent that such adjustments may have been necessary, it still appears likely that the frequencies employed by the aircraft are allocated in the United States either solely or partially for use by the Federal government.

OBJECTIVE & TEST DESCRIPTION

This request is required to support sonobuoy operations off the coast of Washington State. This technical description encompasses a number of different types of sonobuoys that could be used during testing. Sonobuoys will be dropped into the water and turned on for acoustic operations.

OPERATION DATES

Start Date: November 1, 2012
Required for 24 months from approval date

TEST OVERVIEW

Manufacturer: ULTRA Electronics
Model: AN/SSQ-Various
Emissions: 75K0F1B, 75K0F1D, 199KF1D, 105KF3D, and 210KF3D
Transmit ERP: 8.0 Watts
Station Class: MO

Frequencies:

CH	MHz		CH	MHz		CH	MHz
8	167.50		43	140.125		76	152.500
9	168.25		46	141.250		77	152.875
10	169.00		47	141.625		78	153.250
11	169.75		48	142.000		79	153.625
12	170.50		54	144.250		80	154.000
13	171.25		55	144.625		81	154.375
23	167.125		56	145.000		82	154.750
24	167.875		60	146.500		83	155.125
25	168.625		61	146.875		84	155.500
27	170.125		62	147.250		85	155.875
28	170.875		66	148.750		86	156.250
29	171.625		67	149.125		94	159.250
38	138.250		68	149.500		95	159.625
39	138.625		72	151.000		96	160.000
40	139.000		73	151.375		97	160.375
41	139.375		74	151.750		98	160.750
42	139.750		75	152.125		99	161.125

“STOP BUZZER” POINT OF CONTACT:

Michael Ladd
(206) 544-4699

LOCATION

Operations will be conducted in Washington State coastal waters.

Location: Washington State Coastal Area
Latitude: 47-00-00 N
Longitude: 127-22-26 W
NAD83
Radius: 187 Kilometers