

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM2XCT

(Call Sign)

0778-EX-CN-2021

(File Number)

NAME The BOEING Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Everett (SNOHOMISH), WA - NL 47-53-49; WL 122-16-45
- (2) Seattle (KING), WA - NL 47-32-11; WL 122-18-51
- (3) Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18

Frequency Information

Everett (SNOHOMISH), WA - NL 47-53-49; WL 122-16-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626-1660.5 MHz	FX	NON	100 W (ERP)	

Seattle (KING), WA - NL 47-32-11; WL 122-18-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626-1660.5 MHz	FX	NON	100 W (ERP)	

This authorization effective September 29, 2021 and
will expire 3:00 A.M. EST October 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Moses Lake (GRANT), WA - NL 47-13-03; WL 119-17-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626-1660.5 MHz	FX	NON	100 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) Stop buzzer, Tom Jessett, (206) 544-8587.
- (4) Operations in the 1544-1545/1645.5-1646.5 MHz frequency bands ARE LIMITED to distress and safety communications, in accordance with International Footnotes 5.356 and 5.375 of the ITU Radio Regulations
- (5) Prior to commencing any operations in the 1626- 1626.5 MHz frequency band, experimental licensee must notify licensee of Iridium Satellite LLC (Call sign E960132, E960622, POC/Satellite: S2110. Name: Ms Maureen C. McLaughlin, Phone Number: 703-287-7518, E-Mail: maureen.mclaughlin@iridium.co). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Special Conditions:

- (6) Prior to commencing any operations in the 1626.5-1660.5 MHz (E-S) frequency bands, experimental licensee must notify licensees of earth stations (Mobile Earth Stations (MESs)). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test. Please notify the following licensees:

MESs Call Sign: E100192, E030055
Frequency bands: 1626.5 - 1645.5 MHz
Licensee: ORBCOMM License Corp.
ATTN: Mr. Walter H. Sonnenfeldt,
Phone Number: 585-461-3018, E-Mail: sonnenfeldt.walter@orbcomm.com)

MESs Call Sign: E090029
Frequency bands: 1631.5 - 1645.5 MHz, 1646.5 - 1660.5 MHz
Licensee: COMTECH MOBILE DATACOM CORP.
Phone Number: 240-686-3300
Fax Number: 240-686-3301
E-Mail: John.Fossaceca@comtechmobile.com
Attention: John Fossaceca
Name: Joan M. Griffin Phone Number: 202-342-8573
Company: Kelley Drye & Warren LLP
Fax Number: 202-342-8451
E-Mail: jgriffin@kelleydrye.com
Attention: Relationship: Legal Counsel

MESs Call Sign: E980203
Frequency bands: 1638.5 – 1642 MHz
Licensee: OuterLink Corporation
Phone Number: 877-688-3770
Fax Number: 978-371-9502
E-Mail: E-Mail: sdurante@outerlink.com
Attention: Paul F. Newcomb

MESs Call Sign: E050249, E010050, E010048, E000180
Frequency bands: 1626.5 - 1660.5 MHz
Licensee: Inmarsat Solutions (US) Inc. Phone Number: 202-572-0686
Fax Number: 202-248-5177
E-Mail: Ethan.Lucarelli@inmarsat.com
Attention: M. Ethan Lucarelli

MESs Call Sign: E980159
Frequency bands: 1646.5 - 1660.5 MHz
Licensee: Satcom Systems, Incorporated Phone Number: 818-775-9740
Fax Number: 818-885-1882
Attention: Mr Tom D Soumas Jr
Name: William K. Coulter Phone Number: 202-835-6136 E-Mail: william.k.coulter
Company: Baker & McKenzie LLP Fax Number: 202-416-7138

Special Relationship: Legal Counsel

MESs Call Sign: E090032
Frequency bands: 1626.5 - 1660.5 MHz
Licensee: ISAT US Inc. and Inmarsat Solutions (US) Inc.
Tel: (202) 696-1400
Fax: (202) 248-5177
Contact: M. Ethan Lucarelli
Email: Ethan.Lucarelli@inmarsat.com
Name: Timothy J. Cooney Phone Number: 2027834141 E-Mail: tcooney@wbklaw.com
Company: Wilkinson Barker Knauer, LLP Fax Number: 2027835851 Relationship:
Legal Counsel

MESs Call Sign: E980179
Frequency bands: 1626.5 - 1660.5 MHz
Licensee: Ligado Networks Subsidiary LLC
Phone Number 703-390-2004 Fax Number 703-390-2778
Contact: Ms. Valerie Green Email: Valerie@Ligado.com
Name: Gerard J. Waldron Phone Number: 202-662-5360
Company: Covington & Burling LLP Fax Number: 202-778-5360
E-Mail: gwaldron@cov.com Relationship: Legal Counsel

MESs Call Sign: E050276
Frequency bands: 1626.5 - 1660.5 MHz
Licensee: Comsat, Inc.
Attention: Michelle Wagner Phone Number: 571-599-3632 E-Mail: MWagner@comsat.com OR
Attention: James G. Lovelace Phone Number: 571-599-3643 E-Mail: j.ctr@comsat.com

MESs Call Sign: E000284
Frequency bands: 1626.5 - 1660.5 MHz
Licensee: Comsat, Inc.
Name: Airbus DS SatCom Government, Inc.
Phone Number: 703-466-5873
Fax Number: 703-466-5901
E-Mail: rob.swanson@airbus.com
Attention: Mr Robert W Swanson

MESs Call Sign: E130033
Frequency bands: 1625.5 - 1645.5 MHz and 1646.5 - 1660.5 MHz
Licensee: ViaSat, Inc.
Phone Number 760-476-2583 Fax Number 760-929-3941
Contact: Mr Daryl T Hunter Email: E-Mail: daryl.hunter@viasat.com

MESs Call Sign: E020074
Licensee: Honeywell International Inc.
Frequency bands: 1626.5 - 1645.5 MHz
Phone Number: 2026267719

Specific
Fax Number: 2027832331
E-Mail: balaguer@fr.com
Attention: c/o Donna Balaguer

MESs Call Sign: E930367

Frequency bands: 1626.5 - 1660.5 MHz

Licensee: Ligado Networks Subsidiary LLC Phone Number: 703-390-2797

Fax Number: 703-390-2778

Attention: Maqbool Aliani

Name: Elizabeth Park Phone Number: 202-637-1056 E-Mail: Elizabeth.Park@lw.com

Company: Latham & Watkins LLP

Relationship: Legal Counsel