

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

XC FX
(Class of Station)

WA8XBV
(Call Sign)

1111-EX-ST-2026
(File Number)

NAME Ether Form Inc

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

This STA supports the manufacturing and development of DoD test equipment. Ether Form Inc is verifying/validating test equipment designed for protection of microwave band data links.

Station Locations

- (1) McMinnville (YAMHILL), OR - NL 45-13-09; WL 123-10-08
- (2) McMinnville (YAMHILL), OR - NL 45-13-08; WL 123-10-08

Frequency Information

McMinnville (YAMHILL), OR - NL 45-13-09; WL 123-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25.25-26.5 GHz	FX	12M0G1D	4000 W (ERP)	0.001 %

This authorization effective July 08, 2026 and
will expire 3:00 A.M. EST November 16, 2026

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

McMinnville (YAMHILL), OR - NL 45-13-08; WL 123-10-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25.25-26.5 GHz	FX	12M0G1D	4000 W (ERP)	0.001 %

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) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (3) Ether Form must ensure that all transmitting antenna boresight remain at least 15 degrees off-pointed from the geostationary arc between 41°W to 174°W. Additionally, Ether Form should take all practicable steps to ensure that antennas remain pointed at or below the local horizontal plane.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8702-15-D-0001. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.