

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WR9XUV

(Call Sign)

1017-EX-ST-2021

(File Number)

NAME SES Government Solutions, 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:

Testing and demonstration of terminal for operations with the O3b constellation for prospective government customers.

Station Locations

- (1) JtBase Lewis-McChord (PIERCE), WA - NL 47-06-44; WL 122-31-19
- (2) Yuma (YUMA), AZ - NL 33-01-03; WL 114-15-10
- (3) Aberdeen (HARFORD), MD - NL 39-27-50; WL 76-07-09
- (4) Bristow (PRINCE WILLIAM), VA - NL 38-46-59; WL 77-34-26

Frequency Information

JtBase Lewis-McChord (PIERCE), WA - NL 47-06-44; WL 122-31-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.6-29.1 GHz	FX	50M0G7D	2519110 W (ERP)	0.03 %

This authorization effective July 07, 2021 and
will expire 3:00 A.M. EST January 07, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Yuma (YUMA), AZ - NL 33-01-03; WL 114-15-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.6-29.1 GHz	FX	50M0G7D	2519110 W (ERP)	0.03 %

Aberdeen (HARFORD), MD - NL 39-27-50; WL 76-07-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.6-29.1 GHz	FX	50M0G7D	2519110 W (ERP)	0.03 %

Bristow (PRINCE WILLIAM), VA - NL 38-46-59; WL 77-34-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
28.6-29.1 GHz	FX	50M0G7D	2519110 W (ERP)	0.03 %

Special Conditions:

- (1) 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.
- (2) Licensee is authorized to conduct on-the-ground tests on 6 units of 2.2 meter AvL Litecom model antennas for fixed operations at and within a 1-mile (1.6 km) radius of JtBase Lewis-McChord, WA; Yuma, AZ; Aberdeen, MD; and Bristow, VA. The 2.2 meter antennas will transmit to O3b's Ka-band NGSO satellite constellation using the frequency band in the 28.6-29.1 GHz.
- (3) Point of communications: O3b's non-geostationary orbit space stations (NGSO) satellite constellation (Call Sign S2935)