

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WA8XEZ

(Call Sign)

1252-EX-ST-2026

(File Number)

NAME Northrop Grumman Systems Corporation

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:

Northrop Grumman Systems Corporation requests experimental Special Temporary Authority (STA) for a period of six-months to enable testing of a communications subsystem for the

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-59-27; WL 117-04-44; MOBILE: within 1 km of centerpoint coords, within 1 km, centered around NL 32-59-27; WL 117-04-44
- (2) Elk River (SHERBURNE), MN - NL 45-23-30; WL 93-29-43; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around NL 45-23-30; WL 93-29-43
- (3) Yuma (YUMA), AZ - NL 32-51-44; WL 114-20-24; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around NL 32-51-44; WL 114-20-24
- (4) Dahlgren (KING GEORGE), VA - NL 38-19-37; WL 77-01-34; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around NL 38-19-37; WL 77-01-34
- (5) White Sands (OTERO), NM - NL 33-47-01; WL 106-28-55; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around NL 33-47-01; WL 106-28-55
- (6) Dugway (TOOELE), UT - NL 40-13-45; WL 112-43-36; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around NL 40-13-45; WL 112-43-36

This authorization effective July 27, 2026 and
will expire 3:00 A.M. ET January 16, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-27; WL 117-04-44; MOBILE: within 1 km of centerpoint coords, within 1 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 W (ERP)	

Elk River (SHERBURNE), MN - NL 45-23-30; WL 93-29-43; MOBILE: within 10 km of centerpoint coords, within 10 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 W (ERP)	

Yuma (YUMA), AZ - NL 32-51-44; WL 114-20-24; MOBILE: within 10 km of centerpoint coords, within 10 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 W (ERP)	

Frequency Information

Dahlgren (KING GEORGE), VA - NL 38-19-37; WL 77-01-34; MOBILE: within 10 km of centerpoint coords, within 10 km, cent

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 W (ERP)	

White Sands (OTERO), NM - NL 33-47-01; WL 106-28-55; MOBILE: within 10 km of centerpoint coords, within 10 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 W (ERP)	

Dugway (TOOELE), UT - NL 40-13-45; WL 112-43-36; MOBILE: within 10 km of centerpoint coords, within 10 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11-11.5 GHz	FX	5M00G1D	1928 W (ERP)	
11-11.5 GHz	MO	5M00G1D	1928 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.

Special Conditions:

(2)

Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. 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 also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 11.2-11.45 GHz (s-E) (Call sign S2633) Licensee: DISH Operating L.L.C. Phone Number: 202-463-3709 ATTN: Ms. Alison Minea, E-Mail: Alison.Minea@dish.com

Frequency Bands: 10.7-11.7 GHz (s-E) (Call sign S3016) Licensee: Intelsat License LLC Phone Number: 703-559-7799 ATTN: Mr. W. Ray Rutngamlug, E-Mail: ray.rutngamlugintelsat.com

Frequency Bands: 10.7-12.2 GHz (s-E) (Call sign S2951) Licensee: SES Americom, Inc. Phone Number: 202-280-8657 ATTN: Mr. Daniel C.H. Mah, E-Mail: daniel.mah@ses.com

(3)

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.

(4)

Stop Buzzer Information:

Primary: Claudio Marino, T: (858) 592-3969, E: Claudio.Marino@ngc.com
Secondary: Oscar Guerrero, T: (206) 471-9859, Oscar.Guerrero@ngc.com