

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

EXPERIMENTAL

(Nature of Service)

WA8XEV

(Call Sign)

XT FX MO

(Class of Station)

1280-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:

Testing of a point-to-point communications link between a base station and an airborne projectile.

Station Locations

- (1) Elk River (SHERBURNE), MN - NL 45-24-30; WL 93-27-39; MOBILE: within 2.5 km of centerpoint coords, Elk River, MD, within 2.5 km, centered around NL 45-24-30; WL 93-27-39
- (2) Fort McCoy (MONROE), WI - NL 44-02-23; WL 90-43-04; MOBILE: within 2.5 km of centerpoint coords, Fort McCoy, WI, within 2.5 km, centered around NL 44-02-23; WL 90-43-04
- (3) Dahlgren (KING GEORGE), VA - NL 38-19-37; WL 77-01-34; MOBILE: within 10 km of centerpoint coords, Dahlgren, VA, within 10 km, centered around NL 38-19-37; WL 77-01-34
- (4) Dugway (TOOELE), UT - NL 40-13-45; WL 112-43-40; MOBILE: within 10 km of centerpoint coords, Dugway, UT, within 10 km, centered around NL 40-13-45; WL 112-43-40

This authorization effective August 10, 2026 and
will expire 3:00 A.M. ET December 21, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Elk River (SHERBURNE), MN - NL 45-24-30; WL 93-27-39; MOBILE: within 2.5 km of centerpoint coords, Elk River, MD, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.7-11.7 GHz	FX	55M0Q7D	8.414 kW (ERP)	0.001 %
10.7-11.7 GHz	MO	55M0Q7D	8.414 kW (ERP)	0.001 %

Fort McCoy (MONROE), WI - NL 44-02-23; WL 90-43-04; MOBILE: within 2.5 km of centerpoint coords, Fort McCoy, WI, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.7-11.7 GHz	FX	55M0Q7D	8.414 kW (ERP)	0.001 %
10.7-11.7 GHz	MO	55M0Q7D	8.414 kW (ERP)	0.001 %

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.7-11.7 GHz	FX	55M0Q7D	8.414 kW (ERP)	0.001 %
10.7-11.7 GHz	MO	55M0Q7D	8.414 kW (ERP)	0.001 %

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.7-11.7 GHz	FX	55M0Q7D	8.414 kW (ERP)	0.001 %
10.7-11.7 GHz	MO	55M0Q7D	8.414 kW (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.

Special Conditions:

- (2) Prior to commencing operations in the authorized frequency band(s), the 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: 11.45-12.2 GHz (s-E) (Call sign S2821)

Licensee: Telesat Brasil Capacidade de Satelites Ltda.

Phone Number: +552125554808 / +55 21 0800 282 9488

ATTN: Steven Foster Telephone: +1 (519) 371-7490 ext. 6255 e-mail: SFoster@telesat.com

ATTN: Gordon Jarvis Telephone: +1 (519) 371-7490 ext. 6225 e-mail: GJarvis@telesat.com

Frequency Bands: 11.5-11.95 GHz (s-E) (Call sign S2955)

Licensee: Telesat International Limited Phone Number: (613) 748-8700

ATTN: Ms Elisabeth Neasmith E-Mail: eneasmith@telesat.com

Frequency Bands: 10.95-11.2 GHz (s-E) (Call sign S2678)

Licensee: Embratel TVSAT Telecomunicações S.A. Phone Number: 55 21 971981166

ATTN: Mr. Luiz Otavio Prates, E-Mail: LUIZ.PRATES@embratel.com.br

Frequency Bands: 10.95-11.2 GHz (s-E) (Call sign S2950)

Licensee: New Skies Satellites B.V. Phone Number: 202-478-7143

ATTN: Mr. Daniel C.H. Mah, Phone Number: 202-280-8657

E-Mail: daniel.mah@ses.com

Frequency Bands: 10.95-11.2 GHz (s-E) (Call sign S2845)

Licensee: Star One S.A. Phone Number: 55 21 21219126

ATTN: Mr. Luiz Otavio Prates, E-Mail: lprates@starone.com.br

Frequency Bands: 10.7-11.2 GHz (s-E), (Call sign S3148)

Frequency Bands: 11.45-11.701GHz (Call sign S3078)

Frequency Bands: 10.825-12.2 GHz (Call sign S3066)

Frequency Bands: 11.45-12.2 GHz (Call sign S2381)

Frequency Bands: 10.95-11.2, 11.45-12.2 GHz (Call sign S2887, S2924)

Frequency Bands: 10.7-11.7 GHz (Call sign S3016)

Licensee: Intelsat License LLC Phone Number: 703—559—7799

ATTN: W. Ray Rutngamlug, E-Mail: ray.rutngamlugintelsat.com

Frequency Bands: 10.7-10.95 GHz (s-E) 11.2-11.45 GHz (s-E) (Call sign: S2358, E980179)

Licensee: LightSquared Subsidiary LLC Phone Number: 703-390-2001

ATTN: Ms. Libby Smith E-Mail: libby.smith@maxar.com

Frequency Bands: 10.7-10.95 GHz (s-E) 11.2-11.45 GHz (s-E) (Call sign S2633)

Licensee: Gamma Acquisition L.C.C. Phone Number: 202-463-3709

ATTN: Ms. Alison Minea, E-Mail: Alison.Minea@dish.com

Special Frequency Bands: 10.95-11.2, 11.45-12.2 GHz (s-E) (Call sign S3191)

Licensee: Eutelsat S.A. Phone Number: + 33 1 53 98 47 47

ATTN: Mr. Jean-Hubert Lenotte E-Mail: jlenotte@eutelsat.com

Frequency Bands: 11.45-11.7 GHz (s-E) (Call sign S2926, S2938, S2873)

Licensee: Satelites Mexicanos, S.A. de C.V. Phone Number: +52 55 2629 5800

ATTN: Mr. Hector Fortis, E-Mail: hector.fortis@eutelsat.com

Frequency Bands: 10.7-12.7 GHz (s-E) (Call sign S2963)

Licensee: WorldVu Satellites Limited Phone Number: 571-466-8664

ATTN: Ms Kimberly Baum E-Mail: kbaum@oneweb.net

Frequency Bands: 10.7-11.7 GHz (s-E) (Call sign S2981)

Licensee: Kepler Communications Inc. Phone Number: 437-537-5371

ATTN: Mr Nickolas G Spina E-Mail: nspina@keplercommunications.com

Frequency Bands: 10.7-12.7 GHz (s-E) Call sign S2983/3018, S2992/3069)

Licensee: Space Exploration Holdings, LLC, Phone Number: 202-649-2700

ATTN: Mr David Goldman, E-Mail: david.goldman@spacex.com

Frequency Bands: 10.7-12.7 GHz (s-E) (Call sign S2986)

Licensee: Theia Holdings A, Inc. Phone Number: 470-346-6843

ATTN: Michael Fuqua E-Mail: mfuqua@brileyfin.com

Frequency Bands: 11.45-12.25 GHz (E-s) TT&C (Call sign S2990, S3059)

Licensee: Space Logistics, LLC Phone Number: 703-406-5000

ATTN: Mr. Joseph Anderson E-Mail: Joseph.Anderson@orbitalatk.com

Frequency Bands: 10.7-12.7 GHz, (s-E) (Call sign S3051/3105)

Licensee: Kuiper Systems LLC Phone Number: 843-364-1933

ATTN: Mariah Dodson Shuman E-Mail: kuiper-regulatory-contact@amazon.com

- (3) Applicant will need to coordinate with the Fixed Microwave Service licensees in the proposed venue before conducting the experimental operations.
- (4) Stop Buzzer Point of Contact: Nick Buchal, 612-297-9446 or Fred Sauer, 763-203-3110
- (5) 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.