



ATLAS Space Operation, LLC
10850 E. Traverse Highway, Suite 3355
Traverse City, Michigan 49684-1363

March 24, 2023

TO: Ms. Marlene H. Dortch
Secretary, Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554
Re: Request for Special Temporary Authority

Dear Ms. Dortch,

Pursuant to Section 25.120 of the Commission's Rules, ATLAS Space Operations, Inc (ATLAS) requests Special Temporary Authority (STA) for up to thirty (30) days or until a fixed license is granted, commencing April 18, 2023 for the operation of a satellite earth station in Utqiagvik, Alaska to communicate with Victus Nox / USMIG-8 Constellation. The Alaska earth station is located at 71-16-30.4 N, 156-48-22.0 W (Call Sign E202173).

The ATLAS satellite earth station in Alaska is required to provide continued TT&C downlink support to the Victus Nox / USMIG-8 satellite given its optimal location with other earth stations around the globe. The additional point of communication has been coordinated with the local license holders as well as an interference analysis report has been produced for the S band transmissions. ATLAS has also already coordinated with the local Society of Broadcast Engineers. A brief summary of parameters are below.

Victus Nox / USMIG-8

(1) TT&C uplink

Center Frequency:

2069 MHz

Emission Designator: 20K2F1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 58

Max EIRP Density Per Carrier (dBW/4 kHz): 50.955

(2) TT&C Downlink

Center Frequency:

2240.7 MHz

Emission Designator: 141KF1D

Polarity: RHCP

Orbital Parameters

Spacecraft	Orbit Inclination	Apogee (km)	Perigee (km)	Period (minutes)	NORAD ID
Victus Nox	97.7	550	550	95.0	TBD

Operation of the Alaska earth station from April 18, 2023 will enable frequent, predictable contact with the satellite to support potential collision avoidance and perform orbit maintenance. It is important to protect and



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maintain the Victus Nox / USMIG-8 in safe and stable orbit; granting the STA will greatly benefit the satellite's ability to operate.

If you have any questions regarding the Victus Nox / USMIG-8 spacecraft please contact: Max Barta P.E. at Max.Barta@millennium-space.com.

24 hour contact information for the Alaska earth station is as follows: +1 832 855 0844

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Respectfully Submitted,

Hanna Pritchard
Orbital Analyst
ATLAS Space Operations