



ATLAS Space Operations

E202173

Application to Add Additional Points of Communication and Supporting Frequencies

ATLAS Space Operations, Inc (ATLAS) has requested authority to add additional points of communication to the fixed earth station located in Utqiagvik, Alaska (Call Sign E202173) utilizing additional S-band uplink and downlink frequencies to communicate with US Government approved spacecraft, Victus Nox / USMIG-8. The location of the Utqiagvik earth station is 17° 16' 30.4" N, 156° 48' 22.0" W.

Frequency Coordination and Society of Broadcast Engineer coordination has been completed for additional points of communication.

A Schedule B has been provided to include the entire technical details of the following satellite, Victus Nox/ USMIG-8.

Below ATLAS has summarized the additional point of communication, the associated and corrected technical parameters, and spacecraft orbital parameters as requested.

Additional Point of Communication

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



ATLAS
SPACE OPERATIONS

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

The use of these frequencies for communications Earth exploration satellite service (EESS) and TT&C is in accordance with the U.S. Table of Frequency Allocations.

The ATLAS earth station network assists in facilitating efficient use of resources by satellite network operators and service providers, enabling EESS customers to focus on satellite and customer operations by minimizing deployment and/or management of their own ground infrastructure and allowing ATLAS to provide that service. The innovative shared infrastructure solutions provided by ATLAS also help to advance the goals of United States space policy by making commercial space increasingly accessible.

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

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