



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

August 02, 2021

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 one hundred eighty (180) days or until a fixed license is granted, commencing October 1, 2021 for the operation of a satellite earth station in Guam to communicate with the SkySat Constellation (S2912). The Guam earth station is located at 13-30-48.81 N, 144-49-31.1 E (Call Sign E190037).

The ATLAS satellite earth station in Guam is required to provide continued TT&C downlink support to the SkySat Constellation given its optimal location with other earth stations around the globe. The additional points of communication are in process of being coordinated with the local license holders and a frequency coordination, as well as interference analysis report, is being 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.

Frequencies Sought by This STA

(1) TT&C uplink

Center Frequency:

2081 MHz
2083 Mhz

Emission Designator: 124KF1D

Polarity: RCHP

Max EIRP Per Carrier (dBW): 52

Max EIRP Density Per Carrier (dBW/4 kHz): 35

(2) TT&C Downlink

Center Frequency:

8375 MHz
8380 Mhz

Emission Designator: 256KF1D

Polarity: RHCP



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(3) Payload Downlink

Center Frequency:

8075 MHz

8200 Mhz

8325 Mhz

Emission Designator: 56M3F1D

Polarity: RHCP

Operation of the Guam earth station from October 1, 2021 will enable frequent, predictable contact with the constellation to support potential collision avoidance and perform orbit maintenance. It is important to protect and maintain the SkySat Constellation in safe and stable orbit; granting the STA will greatly enhance the SkySat Constellations ability to innovate, enhance competition, and expand their U.S. capabilities in the market for commercial remote sensing data.

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

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Respectfully Submitted,

Hanna Pritchard
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ATLAS Space Operations