

Applicant: Atlas Space Operations, Inc-  
Call Sign: E202173  
File No.: SES-STA-20201119-01260  
Special Temporary Authority (STA)

ATLAS Space Operations, Inc (ATLAS) is granted Special Temporary Authority (STA) for sixty (60) days starting February 15, 2021, to utilize its Barrow, Alaska earth station to communicate with XR constellation (S3067) to provide Telemetry, Tracking and Control (TT&C) in the following bands; 2086.736 – 2086.864 MHz (Earth-to-space) and 8225-8375 MHz, (space-to-Earth) under the following conditions: :

1. Operations will not exceed operational power levels and parameters coordinated.
2. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

NTIA conditionally concurs as follows:

- 1.a XR-1 satellite is not permitted for 2262.75-2264.25/1M50F1D downlink transmissions. Therefore, reception of transmissions for this 2262.75-2264.25/1M50F1D downlink from the Barrow, Alaska ground station is not authorized
  - 2.b Uplink Transmissions in the 2025-2210 MHz frequency band must not exceed the equivalent isotropic radiated power limits in No. 21.8 of the ITU Radio Regulations.
  - 3.c Power flux-density levels from operation of the XR constellation must not exceed the limits in No. 22.5 and Table 21-4 of the ITU Radio Regulations.
  - 4.d Operation of the XR constellation shall satisfy the limits/protection criteria in Recommendation ITUR SA.1157-1 and ITU-R SA.609-2, and the guidelines in Recommendation ITU-R SA. 1810 must be followed.
  - 5.e Transmissions in the 2025-2110, 2200-2290, and 8025-8400 MHz frequency bands may only be made to/from Federal earth stations or earth stations coordinated with the National Aeronautics and Space Administration (NASA), the Air Force Spectrum Management Office (AFSMO), and the DOC/NOAA, and all operations shall adhere to the coordination agreement with these agencies.
3. In the event of any harmful interference, Atlas shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
  4. The 24/7 point of contact for the Barrow STA is as follows:1- 832- 855- 0844  
Mikel Acasuso, +1 231 598 6184, [macasuso@atlasground.com](mailto:macasuso@atlasground.com) Hanna Pritchard,  
231 598 6184, [hpritchard@atlasground.com](mailto:hpritchard@atlasground.com); Operations Office - +1 231 598 6184 x 222 or +1  
877 392 8527 x 222 [ops@atlasground.com](mailto:ops@atlasground.com).
  5. Grant of this STA is without prejudice to any determination that the Commission may make regarding pending (SES-LIC-2020101901140) or future Atlas applications.
  6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Atlas' risk.

This grant is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.