

R2 Space, Inc. Supplement to Application for Authority to Launch and Operate a Non-Geostationary Satellite Orbit System in the Earth-Exploration Satellite Service (FCC File No. SAT-LOA-20200511-00042, Call Sign S3067)

R2 Space, Inc. (“R2 Space”) hereby supplements its above-referenced application with the updated information provided below, which replaces in its entirety the original Section II.B. of the Technical Annex provided as Exhibit A to the application submitted on May 11, 2020. This revision provides a revised list of planned ground station locations. For purposes of initial launch and operation of its XR-1 satellite, R2 Space can operate using only the ground stations listed below that are outside the United States, which are shaded in green.

II. System Facilities and Operations

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B. Ground Segment

R2 Space will monitor and control all aspects of satellite operations through its MOC in Arlington, Virginia. R2 Space intends to use USG owned and operated ground stations and will augment this capability with up to six additional facilities provided under contract with Atlas Space Operations, Inc., as necessary and as provided for by USG customers. Commercial ground terminals will be separately authorized on a case-by-case basis and used only with USG support and will not be used in any manner inconsistent with U.S. national security.

Ground Station Owner	Ground Station Location
Atlas Ground Station	Barrow, Alaska
Atlas Ground Station	Brewster, Washington
Atlas Ground Station	Dundee, Scotland
Atlas Ground Station	Mingenew, Australia
Atlas Ground Station	Arwaua, New Zealand
Atlas Ground Station	Dubai, United Arab Emirates
USG Ground Stations	Determined by USG

Each XR space station can be commanded from the ground to immediately cease transmissions, and R2 Space will have the ability to eliminate harmful interference when required pursuant to the terms of the license or applicable regulations. R2 Space will coordinate all of its non-USG ground stations with Federal Earth stations operating in the relevant bands prior to operating any such FCC-licensed stations. R2 Space requests authority for such communications subject to appropriate standard conditions requiring coordination with co-frequency Federal Earth station operators.

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Should there be any questions concerning this submission, please contact R2 Space's FCC Regulatory counsel, David Keir, whose contact information is provided below.

Respectfully submitted,

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December 16, 2020