

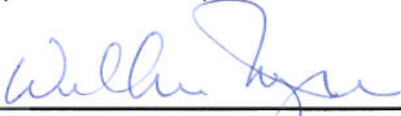
EXHIBIT 2
AUTHORIZATION

Cricket Licensee (Reauction), LLC ("Cricket"), the licensee of the broadband personal communications service spectrum identified below (the "Spectrum"), consents to allow Space Data Corporation ("Space Data") access to the Spectrum pursuant to the short term spectrum manager lease agreement dated as of March 6, 2009 by and between Space Data and Cricket ("Lease Agreement"), for the sole purpose of conducting wireless trials described in the instant application for Special Temporary Authority ("STA"). The parties agree that Space Data's operations under the STA are expressly subject to the terms and conditions of, and the continued lease of the Spectrum under, the Lease Agreement. For avoidance of doubt, Space Data will conduct the proposed trials pursuant to the requested STA only when the lease provisions contained in the Lease Agreement are in effect.

The Spectrum:

Call Sign	Market	Frequencies
WPQW519	BTA365 (Provo-Orem, Utah)	1899.375-1900.625 MHz 1979.375-1980.625 MHz
WPQW516	BTA399 (Salt Lake City-Ogden, Utah), excluding Wayne County	1899.375-1900.625 MHz 1979.375-1980.625MHz

**CRICKET LICENSEE
(REAUCTION), LLC**


Name: William Ingram
Title: SVP, Strategy
Date: 3/30/09

SPACE DATA CORPORATION

Name:
Title:
Date:

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**CRICKET LICENSEE
(REAUCTION), LLC**

Name:
Title:
Date:

SPACE DATA CORPORATION



Name: Jim Wiersenber
Title: Chief Strategy Officer
Date: 4/3/09

Response to Question 5 of Antenna Registration Form (Height of Antenna):

Space Data's network utilizes an innovative balloon-borne system, a type of stratospheric high altitude platform ("HAP"), which differs from traditional terrestrial, tower-based networks.¹ Space Data's system utilizes inexpensive weather balloons to carry miniature radio base stations to altitudes of between 65,000 and 90,000 feet. These balloon-based platforms are known as SkySite[®] platforms.

Space Data continuously launches platforms to fill the constellation so that as one platform drifts out of range another platform drifts into range. The weather patterns at the altitude to which SkySite platforms are deployed are generally uniform, allowing Space Data to predict a platform's movement and when to deploy additional platforms, ensuring consistent coverage. An on-board Global Positioning System ("GPS") receiver and associated processing provide tight control of transmit frequency, protocol timing, and transmit power near service area borders. Thus, Space Data's HAP network is highly reliable. The lightweight (less than six pounds) platforms parachute gently back to earth 12 to 24 hours after deployment and are recovered and reused.²

The SkySite platforms are so small that the FAA has concluded that Space Data's system is safe and has approved its use in the United States.³ Exhibit 4 includes a January 29, 2003 letter from the FAA to Space Data indicates the FAA's findings with regard to Space Data's SkySite platforms. To the extent necessary, Space Data will acquire any required Federal Aviation Administration ("FAA") flight clearances and will provide the needed flight controllers, technicians, and all logistics for the flights.

¹ The Commission has authorized Space Data to operate its balloon-borne devices as terrestrial base stations on narrowband PCS frequencies. See *Petition for a Declaratory Ruling, a Clarification or, in the Alternative, a Waiver of Certain Narrowband Personal Communications Services (PCS) Rules as they Apply to a High-Altitude Balloon-Based Communications System*, 16 FCC Rcd 16421 (WTB 2001) ("Space Data Order").

² Additional information regarding the technical operations of Space Data's network of SkySite platforms is set forth in the construction notification for one of Space Data's narrowband PCS licenses, KNKV204. See ULS File No. 0001900882 (filed October 13, 2004).

³ See *Space Data Order*, 16 FCC Rcd at 16427 (noting that Space Data has coordinated with the FAA regarding its balloon launches).



U.S. Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave, SW
Washington, DC 20591

JAN 29 2003

Mr. Charles H. Tracy
Vice President, Flight Operations
Space Data Corporation
P.O. Box 1866
Chandler, AZ 85244-1866

Dear Mr. Tracy:

This is in response to your letter regarding your company's draft concept of operations for unmanned balloons.

We have reviewed and concur with the subject draft; however, we offer the following comments.

Space Data's utilization of a payload weighing less than six-pounds in total weight and three-ounces per square inch density are exempt from the Federal Aviation Administration (FAA) notification. Payload markings and in-flight reporting requirements are pursuant to Title 14 Code of Federal Regulations (14 CFR) Section 101.1(a)(4).

Additionally, the payload as described and being operated is consistent with 14 CFR part 101, and with special consideration to 14 CFR part 101, Section 101.7. This would not require FAA notification, payload markings or any in-flight reporting requirements.

If you have any questions on this matter please contact Kevin Haggerty at (202) 267-9295.

Sincerely,


Reginald C. Matthews
Manager, Airspace and Rules Division