



November 17, 2014

VIA ELECTRONIC FILING

Julie Knapp
Chief
Federal Communications Commission
Office of Engineering and Technology
445 12th Street, SW
Washington, DC 20554

RE: STA File Number: 1037-EX-ST-2014

Dear Mr. Knapp,

Oceus Networks respectfully seeks a special temporary authority (STA) from the Federal Communications Commission (FCC) and FirstNet to operate in the 700 MHz band public safety broadband spectrum to use its Long Term Evolution ("LTE") equipment in Sacramento, CA on December 3, 2014.

Oceus Networks requests the STA to demonstrate the capabilities of its Band 14 (public safety broadband spectrum) LTE equipment at the State of California First Responder Network board meeting on December 3rd to be held at the California Governor's Office of Emergency Services headquarters. LTE transmission range will be limited to within the exercise area to the maximum extent practicable. Operations will not interfere with any systems operating in the public safety broadband spectrum or licensed operations. The one-day test will demonstrate interoperability between vendors.

The proposed demonstration will conform to the following parameters:

- 1) **Bands and Testing Purpose:** Oceus Networks seeks an STA to participate in training and preparedness exercises using the 758-768/788-798 MHz public safety broadband spectrum bands, which are currently licensed on a nationwide basis to FirstNet.
- 2) **Dates of Operation:** Oceus Networks requests the STA from December 2 – December 3, 2014. Oceus Network equipment will be operating for a maximum of 2 hours per day. The STA is requested for December 2 to accommodate equipment setup activities on the day preceding the board meeting.

- 3) **Equipment:** The test network will consist of base stations manufactured by Oceus Networks which incorporate the Ericsson RBS 6000 series Radio Unit (RUS 01 B14), portable LTE modem solutions from Motorola, and ruggedized smartphone handsets from Sonim Technologies.
- 4) **Emergency Contact:** During the tests, I, Doug Sharp, will serve as the main point of contact. In the event of interference, I can cease equipment use immediately and engage in coordination with other participants in the exercise. My contact information is below.
- 5) **Network Operation For Demonstration Purposes Only:** This experiment is for demonstration purposes only. The experiment will not result in permanent, ongoing network operations. Operation of the experiment will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety.

Respectfully Submitted,

/s **Doug Sharp**

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