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March 16, 2005

VIA MESSENGER

Marlene H. Dortch, Secretary
Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

Re: Request for Experimental Authorization

Dear Ms. Dortch:

Transmitted herewith and filed on behalf of Globecom Systems Inc. is a Request for Experimental Authorization. Please contact the undersigned with any questions.

Sincerely,



Michelle A. McClure

cc: Carl Huie (via email)

March 14, 2005



Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street S.W.
Washington, DC 20554

Re: Request for Experimental Authorization (47 C.F.R. § 5.61)

Dear Ms. Dortch:

Globecom Systems, Inc. ("GSI"), hereby requests Special Temporary Authorization pursuant to Section 5.56 of the Commission's rules for a live demonstration for the Department of Homeland Security and in conjunction with the Long Island Forum for Technology, Nassau County Office of Emergency Management and other Long Island technology companies. GSI will be participating in a live demonstration of its hosted GSM Base Station System over the Auto Acquisition Explorer Ku Fly Away Terminal and the iDirect Network scheduled for April 17 in the Nassau County Courthouse area in Garden, City, New York (40-44-18N, 73-38-28W). However, the integration and test phase will begin in late March. GSI requests that STA be granted for the period from March 28, 2005 to April 26, 2005.

GSI is an established company which designs, manufactures and markets portable satellite terminals for image, voice data, Internet and video services. GSI's GSM Base Station System is currently configured to use the 900 MHz (European band), and is the only equipment available for this Homeland Security Demonstration. The GSM Base Station System will be operated at low transmit power levels, and operation will be held to a minimum by being activated only during initial lineup, dry run and live demonstration on April 17, 2005. Additionally, the communication area will be restricted to 100 meters from the base station to the mobile handsets, and communications will be only on Channel 10, not the full band.

GSI's temporary operation of the GSM Base Station System will allow a live demonstration of its system to the Department of Homeland Security. Grant of this Request would serve the public interest by facilitating the development and demonstration of technology to be utilized in the support of Homeland Security and Emergency Management Services. GSI respectfully requests that its Request be granted as of the request date of March 28, 2005, so that it can meet the requirements of the demonstration. In order to fulfill its demonstration obligations, GSI is seeking this Request for STA.

GLOBECOMM SYSTEMS INC.

CORPORATE HEADQUARTERS: 45 OSER AVENUE • HAUPPAUGE, NY 11788-3816 USA • TEL: +1 631 231-9800 FAX: +1 631 231-1557

e-mail: info@globecommsystems.com • <http://www.globecommsystems.com>

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The area of operation is Garden City in the County of Nassau, New York in the vicinity of the Mineola Court House. The demonstration will utilize a base station and four (4) mobile handsets with a communication range of approximately 100 meters. The equipment band is (which is the European cellular band) is 890 to 915 MHz for mobile to base and 935 to 960 MHz for base to mobile. However for the demonstration transmission will be on Channel 10 only, not the full band. Channel 10 is centered on 892 MHz, Mobile to Base, and 937 MHz Base to Mobile. The demonstration plans to utilize one (1) base station and four (4) mobiles with the following parameters:

Antenna Gain, mobile: 1 dBi, vertical polarization
Output power, mobile: 0.2 watts into antenna
Antenna Gain, Base Station: 3 dBi, vertical polarization
Output power, Base Station: 0.2 watts into antenna
Channel increments, base and mobile: 200 KHz
Type of modulation: gmsk (gaussian minimum shift keying)
Spectrum mask, base and mobile: GSM cellular system specification
Duplexing, base and mobile: FDD
Access, base and mobile: TDMA

The antenna height will not be greater than 6 meters above ground.

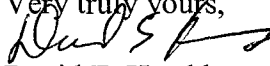
Also in accordance with Section 5.61 of the Commission rules, the contact information for the applicant is:

Globecomm Systems, Inc.
45 Oser Avenue
Hauppauge, New York 11788-3816
GJohnstonSr@globecommsystems.com
(631)231-9800 x1279

GSI submits this Request for STA to commence on March 28, 2005 to April 26, 2005 and has attached an Anti-Drug Certification Statement. A check for Fifty-Five Dollars (\$55.00) is attached hereto with FCC Form 159 to serve as the appropriate filing fee and form.

Anti-Drug Abuse Certification: I hereby certify that to the best of my knowledge and belief, no party to this request, as defined in 47 C.F.R. Sec. 1.2002(b), is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Sec. 862.

Please direct all questions and correspondence to the undersigned.

Very truly yours,

David E. Hershberg
Chairman and CEO