

AirNet Communications Corporation
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Melbourne, Florida 32901
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January 23, 1996

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, Pennsylvania 15251-5315

Re: Experimental Radio Station KM2XOQ
File No. S-2047-EX-95
Request for Modification of Special Temporary Authority

Dear Sir or Madam:

Pursuant to Section 5.56 of the Commission's Rules, 47 C.F.R. § 5.56, AirNet Communications Corporation ("AirNet"), requests the Commission to modify its Special Temporary Authority ("STA"), effective September 1, 1995, to expire on March 31, 1996, to operate Station KM2XOQ's base station equipment away from its licensed site in Melbourne, Florida. Attached as Exhibit A is AirNet's current STA.

Specifically, AirNet seeks to modify its STA to expand the frequencies it will utilize to demonstrate its equipment. AirNet requests that the Commission modify its STA to reflect the following additional frequencies:

1850-1990 MHz

No other changes are requested. AirNet certifies that these frequencies will be employed only for the limited purpose of demonstrating its equipment at the authorized power specified on its STA.

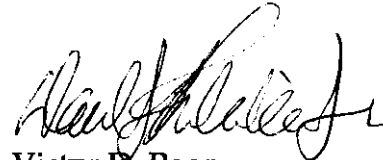
This modified STA is sought on an experimental and temporary basis. Pursuant to Section 2.803 of the Commission's Rules, the equipment will be clearly marked "This device has not been approved by the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased until the approval of the FCC has been obtained."

An anti-drug abuse certification, pursuant to 21 U.S.C. § 862, already on file with the Commission, on behalf of AirNet, is still valid. See FCC File No. 4476-EX-PL-94 (Item 21). The original of this request has been filed with the FCC's federal depository at Mellon Bank in Pittsburgh, Pennsylvania, accompanied by the appropriate fee of \$45.00.

If you have any questions regarding the nature of this request or the technical specifications contained herein, please contact our communications counsel, Grier C. Raclin or Susan H.R. Jones, of Gardner, Carton & Douglas, 1301 K Street, N.W., 900 East Tower, Washington, D.C. 20005, (202) 408-7100.

Respectfully submitted,

AirNet Communications Corporation



~~Vice President~~ David J. Thibodeau, Jr.

~~Executive Vice President~~

Vice President - General Counsel

cc: Ms. Kimberly M. Baum (by hand delivery)
Experimental Licensing Branch
Federal Communications Commission
2000 M Street, N.W.
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