

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K M 2 X O O
(Call Sign)

XD FX, MO
(Class of station)

S-2383-EX-96
(File number)

NAME AirNet Communications Corporation

PCS '96 Conference, San Francisco, CA
(Location of station)

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency (MHz)	Authorized Power (watts)	Emission Designator
910 - 915	0.1 (ERP)	25K0F9W
955 - 960	0.1 (ERP)	25K0F9W
1890 - 1895	0.1 (ERP)	25K0F9W
1970 - 1975	0.1 (ERP)	25K0F9W

Purpose of Operation: Demonstration of equipment at trade show.

Special Condition: Licensee is required to coordinate operations with local microwave users to avoid interference.

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective September 19, 1996 and
will expire 3:00 A.M. EST. September 22, 1996



~~KA2XAF~~ - S-2383-EX-96 3/19/96
~~KM2XOQ-S-2378-EX-96~~
~~S-2237-EX-95~~
AirNet Communications Corporation

100 Rialto Place
Suite 300
Melbourne, Florida 32901
(407) 984-1990

Russ Taylor
(202) 408-7172

March 12, 1996

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

~~S-2237-EX-95~~ ~~S-2378-EX~~
Re: Experimental Radio Stations KM2XOQ & KA2XAF
File No. S-2302-EX-96
Request for Extension 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 extend its Special Temporary Authority ("STA"), effective February 20, 1996, to expire on March 31, 1996, to operate Stations KM2XOQ and KA2XAF at two upcoming trade shows.

The following information is provided pursuant to FCC Rule Section 5.56:

1. Name and Address of Applicant
AirNet Communications Corporation
100 Rialto Place
Suite 300
Melbourne, Florida 322901

Attn: David Thibodeau
2. Need for Special Action

To remain competitive and properly display its equipment, AirNet urgently needs the continued capability to demonstrate its technology "on-the-air" at several upcoming trade shows. Without Special Temporary Authority, AirNet cannot perform demonstrations of its equipment away from its authorized location.

3. Type of Operation to be Conducted

AirNet seeks to demonstrate the base station equipment for Stations KM2XOQ and KA2XAF at several communications trade shows. All operations will be at extremely low power, with operations limited to a range of less than 500 feet. Additionally, all operations will be indoors, in hotel and convention center exhibit halls.

4. Purpose of Operation

To generate customer feedback on the desirability and performance of the base station equipment associated with Stations KM2XOQ and KA2XAF.

5. Time and Date of Operation

GSM MoU Conference	Atlanta, GA	May 29-31, 1996
PCS '96 Conference	San Francisco, CA	September 19-21, 1996

6. Class of Station, Call Sign, Nature of Service

Class of Station: XE, FX/MO
Call Signs: KM2XOQ and KA2XAF
Nature of Service: Experimental

7. Location of Proposed Operations

GSM MoU Conference	Atlanta, GA	May 29-31, 1996
PCS '96 Conference	San Francisco, CA	September 19-21, 1996

8. Equipment to be Used, Manufacturer, Model and Number of Units

The fixed base station and mobile station equipment proposed for use by this STA request are experimental and have been constructed by AirNet. In addition, AirNet seeks to use various mobile units which have been manufactured by other companies.

9. Frequencies Desired

890.0000 - 915.0000 MHz,
935.0000 - 960.0000 MHz,
1850-1910 MHz, and 1930-1990 MHz

890-894 cellular
894-896 A-G
896-901 SMR
902-928-DK
901-902 NB PCS

902-915
947-960

10. Plate Power Input to Final Radio Frequency Stage

Not applicable. max ERP?

935-940 SMR
940-941 NB PCS
941-944 G/NG
944-952 Pt 74
952-960 Pt 74

11. Type of Emission

The emission designator for the experimental stations is 25K0F9W/NON

12. Overall Height of Antenna Structure

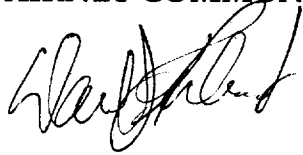
Not applicable for indoor operations.

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



David J. Thibodeau, Jr.
Vice President - General Counsel

5-2383-ER-96
10m2X00

GARDNER, CARTON & DOUGLAS

1301 K STREET, N.W.

SUITE 900, EAST TOWER

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(202) 408-7100

FAX: (202) 289-1504

INTERNET: gcdlawdc@gcd.com

May 24, 1996

via Hand Delivery — *nw'd
5/5/96*

Mr. Carl Huie
Office of Engineering & Technology
Federal Communications Commission
2025 M Street, N.W.
Room 7316
Washington, D.C. 20554

**Re: Withdrawal of Request for Special Temporary Authority on Behalf of
AirNet Communications Corporation for May 28-31 GSM MoU Plenary
Meeting in Atlanta, GA**

Dear Mr. Huie:

This letter will serve to formally withdraw the pending request submitted by AirNet Communications Corporation for special temporary authority ("STA") to operate Experimental Radio Stations KM2XOQ and KA2XAF at the May 28-31, 1996 GSM MoU Plenary Meeting in Atlanta, GA. Apparently, the Company has been unable to secure a power supply at its display booth during the Meeting and accordingly, will be unable to operate its equipment.

The STA request should remain pending, however, for the September 19-21, 1996 PCS Conference '96 in San Francisco, California.

If you should have any questions regarding this matter, please do not hesitate to contact me at the direct line noted above.

Sincerely yours,


Susan H.R. Jones

cc: David Thibodeau (via first class U.S. mail)

From: <rtaylor@gcd.com>
To: J4.J4(chuie)
Date: 8/21/96 12:12pm
Subject: AirNet Communications Corp.

2560

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Hi Carl:

I have a question for you:

On March 18, 1996, AirNet requested an STA to operate at trade shows in May 96 and Sept 96. Because of problems with its booth power, AirNet later withdrew the request for the May 96 show. Now the PCS show begins Sept 19, 1996 and AirNet wants to get its request for STA granted. I know we have spoken before about trade show STAs and the need for frequency

coordination. For the PCS trade show, the conference sponsor is coordinating all RF usage (& technical issues) through an engineering coordinator. The same is true for the Infovision 96 show in October.

For purposes of getting AirNet's STA granted, is it acceptable to get the consent of the coordinator of the show? Or, is there additional coordination required for these low-power, indoor operations. The conference sponsor of Infovision told me that they would be happy to provide consent and that many exhibitors had similar questions about coordinating RF usage at the show.

I know we need to amend the STA request to include the conference sponsor's consent and add the October trade show. By the way, is there a file number associated with the STA request?

Thanks for your guidance.

Russ Taylor, Law Clerk rtaylor@gcd.com
Gardner, Carton & Douglas
(202) 408-7172.

GARDNER, CARTON & DOUGLAS

1301 K Street, N.W.
Suite 900, East Tower
Washington, D.C. 20005-3317
Telephone No. (202) 408-7100
Facsimile No. (202) 289-1504

FACSIMILE COVER LETTERDATE: August 28, 1996TO: Mr. Doug YoungCOMPANY: Federal Communications CommissionFROM: Russ Taylor, Law Clerk**FAX**
PHONE: 202/ 887-5637DIRECT
PHONE #: 202/ 418-2431PHONE #: (202) 408-7172TOTAL NUMBER OF PAGES INCLUDING COVER SHEET 3**MESSAGE:**

Doug: I made the changes you requested. Please let me know if you need additional information, etc. You can fax the STA to my attention at 202/ 289-1504.

Thanks. Russ Taylor

IF THERE IS ANY PROBLEM WITH THIS TRANSMISSION, PLEASE CALL AS SOON AS POSSIBLE
(202) 408-7197

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Secretary's In Box: _____ Sender's Chair: YES Other: _____
Secretary's Name and Floor: _____
Job #: _____ User Number: 7172 Client Number: 73021 Matter Number: 2

AirNet Communications Corporation
100 Rialto Place
Suite 300
Melbourne, Florida 32901
(407) 984-1990

August 26, 1996

VIA COURIER

Mr. Doug Young
Federal Communications Commission
Office of Engineering and Technology
Experimental Licensing Branch
2000 M Street, N.W., Suite 230
Washington, D.C. 20554

Re: File No. S-2383-EX-96
Experimental Radio Stations KM2XOQ & KA2XAF
Amendment of Request for 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"), hereby submits this amendment to its request for Special Temporary Authority ("STA"), filed with the Commission on March 18, 1996. Because the STA is required for a trade show that commences in less than one month, AirNet seeks expedited consideration of this request.

AirNet proposes to amend Items 3 and 9 of its original request to clarify the technical parameters for its temporary operations for the September 19-21, 1996, PCS '96 Conference in San Francisco, California. Accordingly, Items 3 and 9 of AirNet's original request are amended as follows:

3. Type of Operation to be Conducted

AirNet seeks to demonstrate its equipment at the PCS '96 Conference in San Francisco, California. All operations will be indoors and utilize a maximum ERP of 100 milliwatts.

9. Frequencies Desired

910-915 MHz
955-960 MHz

These 900 MHz frequencies are not used by mobile communications common carriers licensed under Part 22 of the Commission's Rules (e.g., cellular, air-to-ground).

1890-1895 MHz
1970-1975 MHz

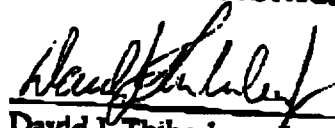
These frequencies are currently allocated to the Personal Communications Service ("PCS") F Block, which has not yet been licensed by the Commission.

* * *

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 PCC File No. 4476-EX-PL-94 (Item 21). 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



David J. Thibodeau, Jr.
Vice President - General Counsel