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James A. McCullough District Manager - Facilities Federal Government Affairs

December 18, 1995

Room 1139L1 295 North Maple Avenue Basking Ridge, NJ 07920 908 221-6957 FAX 908 221-4593

Mr. William F. Caton, Acting Secretary **Federal Communications Commission** 1919 M Street, N.W. Room 222 Washington, D.C. 20554

Attention:

Office of Engineering and Technology

Re: Special Temporary Authority (STA) Call Sign: KE2XMD

On December 14, 1995, AT&T Corp. (AT&T) filed an application to modify its Experimental Authority KE2XMD at Roaring Creek, Pennsylvania and Salt Creek, California.

AT&T respectfully requests Special Temporary Authority for 180 Days beginning January 5, 1996 to test and operate as requested in its modification application.

Frequency Coordination is not required pursuant to Part 5 of the Rules. AT&T understands that all experimentation must be conducted on a non-interference basis, and in the unlikely event that harmful interference occurs, transmissions will cease immediately

If you have any correspondence concerning this matter please contact:

AT&T Corp. Mr. Stanley Edinger - Manager Federal Government Affairs 295 North Maple Avenue Room 1136K3 Basking Ridge, New Jersey 07920 Telephone Number: (908) 221-3064 Fax Number: (909) 221-7355

Sincerely,

ames A. McCullough

Attachments: FCC Form 159

FCC Filing Fee \$45.00 **Anti-Drug Certification**

FCC Application

Copy to: Ms. Kim Baum (FCC) Washington, D.C.





James A. McCullough
District Manager - Facilities
Federal Government Affairs

December 14, 1995

Room 1139L1 295 North Maple Avenue Basking Ridge, NJ 07920 908 221-6957 FAX 908 221-4593

Mr. William F. Caton, Acting Secretary Federal Communications Commission 1919 M Street, Room 222 Washington, D.C. 20554

Attn: Experimental Radio Service

Re: Application to Modify Experimental Authority

Pursuant to Part 5 of the Commission's Rules. (Roaring Creek, Pennsylvania & Salt Creek,

California) Call Sign: KE2XMD

Dear Mr. Caton:

On June 12, 1995, AT&T Corp.(AT&T) was granted Experimental Authority pursuant to Part 5 of the Commission's Rules for the Roaring Creek, Pennsylvania and the Salt Creek, California Earth stations to transmit voice, data, fax and video transmissions using the INTELSAT satellites in the Pacific Ocean Region (POR) and the Atlantic Ocean Region (AOR) to and from seagoing vessels using the transmit frequencies of 6000-6560 MHz and receive frequencies of 3700-4200 MHz for a new Experimental Mobile Service.

AT&T respectfully requests authority to modify the existing Experimental Authorization to include the following:

- A. Add the transmit frequency band 14-14.5 GHz and the receive frequency band 11.4-12.2 Ghz at Roaring Creek.
- B. Expand the frequency Band to 5925-6560 Mhz at Roaring Creek, Pennsylvania and Salt Creek, California.
- C. Blanket Authorization for up to 45 shipboard 2.4 Meter C-Band Transmit/Receive Earth Stations to sufficiently evaluate the service and to accommodate the increased acceptance of these units.
- D. End-to-end Space segment authority using INTELSAT and other satellites in the AOR and POR.
- E. End-to-end Space segment authority for the Indian Ocean Region (IOR) to be used in conjunction with other Earth Stations as required.



F. Amend existing license application language where we state that "AT&T intends to charge for the use of the INTELSAT space segment in connection with this proposed experimental authorization and will file a Tariff" to "AT&T wishes to reserve the right to charge for components other than just the satellite space segment and not file a tariff unless AT&T chooses to do so or is required to do so by law."

ENVIRONMENTAL CONSIDERATION

A grant of this modification will not have a environmental impact within section 1.1307 of the FCC Rules.

FREQUENCY COORDINATION

Frequency Coordination is not required pursuant to Part 5 and Part 25 of the Rules. AT&T and its customers understand that all experimentation must be conducted on a non-interference basis, and in the unlikely event that harmful interference occurs, transmissions will cease immediately.

Please address any correspondence concerning this application to:

AT&T Corp.
Mr. Stanley Edinger - Manager
Federal Government Affairs
295 North Maple Avenue Room 1136K3
Basking Ridge, New Jersey 07920
Telephone Number: (908) 221-3064

Sincerely,

James A. McCullough

Attachments: FCC Filing Fee \$45.00

FCC Form 159 FCC Form 442 License KE2XMD

Copy to: Ms. Kim Baum (FCC) Washington, D.C.

CERTIFICATION

Applicant certifies that neither the applicant nor any party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1988.

NAME OF APPLICANT: AT&T Corp.

James A McCullough

District Manager - Facilities

Federal Government Affairs

Dated: 12/10/95

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