

**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**EXPERIMENTAL**  
**SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL  
(Nature of Service)

K M 2 X N Z  
(Call Sign)

XE MO  
(Class of station)

S-2894-EX-97  
(File number)

NAME QUALCOMM. INC.

CONUS  
(Location of station)

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

| Frequency<br>(MHz) | Authorized<br>Power (watts) | Emission<br>Designator |
|--------------------|-----------------------------|------------------------|
| 5925 - 6425        | 63 (ERP)                    | 36M0F1D                |

Purpose of Operation: Test and development of Omni-TRACS system for export.

**Special Conditions:**

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.

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 May 4, 1997 and  
will expire 3:00 A.M. EST. November 4, 1997



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April 7, 1997

**VIA FEDERAL EXPRESS**

Mr. William F. Caton  
Secretary  
Federal Communications Commission  
Equipment Approval Services  
P.O. Box 358320  
Pittsburgh, PA 15251-5320

RE: Call Sign: KM2XNZ, File No. S-2691-EX-96

Dear Mr. Caton:

QUALCOMM Incorporated ("QUALCOMM"), by its attorneys, hereby requests renewal of the above captioned Special Temporary Authority ("STA") for experimental operation of earth stations and other associated equipment. The above STA was granted for a term beginning November 4, 1996, and ending May 4, 1997.

On July 1, 1994, the Commission granted QUALCOMM an experimental authorization to conduct tests of the OmniTRACS® system using the C-Band for the term beginning July 1, 1994 and ending July 1, 1996 (a copy of this authorization is attached hereto). As you know, QUALCOMM's OmniTRACS system provides satellite-based mobile data communications and position location services using existing Ku-Band capacity. QUALCOMM has been developing a version of OmniTRACS for use abroad in areas where only C-Band is available.

QUALCOMM reports that its operations have been a success and that C-Band OmniTRACS systems are operational in Brazil and Malaysia. Because of the success of these systems, QUALCOMM recently decided to move its testing facility for C-Band OmniTRACS equipment to Brazil and allowed the above referenced FCC license to lapse. In the process of relocating these facilities, QUALCOMM has

*10/2/97*

*No #!*

Nixon, Hargrave, Devans & Doyle LLP

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encountered numerous customs and other regulatory barriers that have rendered relocation impracticable. Accordingly, QUALCOMM requested, and was granted, STA to resume development of C-Band OmniTRACS domestically. Concurrent with its present request for renewal of STA, QUALCOMM has filed an application for full reinstatement and renewal of its experimental authorization. C 709-97

Renewal of the requested STA will serve the public interest by allowing QUALCOMM to continue to develop innovative satellite technologies. Moreover, no occurrences of interference with terrestrial or satellite users of the C-Band have come to its attention during the course of its operations.

If you have any questions, please do not hesitate to contact the undersigned counsel for the applicant.

Respectfully submitted,

QUALCOMM Incorporated



Tony de Paolo  
Vice President, Technology

cc: Frequency Liaison Branch