

Attn: Larry Ward, 1011 Pawtucket Blvd., Lowell, MA 01853

United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION

|                                                                   |                                      |
|-------------------------------------------------------------------|--------------------------------------|
| <u>EXPERIMENTAL</u><br>(Nature of Service)                        | <u>K I 2 X I S</u><br>(Call Sign)    |
| <u>XD MO</u><br>(Class of station)                                | <u>S-1884-EX-95</u><br>(File number) |
| NAME <u>M/A-COM, INC.</u>                                         |                                      |
| <u>Within 25 KM radius of Lowell, MA</u><br>(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      |
|------------------|-----------------------------|-----------------------------|
| 806-824          | 12 (output)                 | 25K0F1D/F3E/F8W/G9W/FXW/GXW |

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 March 20, 1995 and  
will expire 3:00 A.M. EST. July 31, 1995

FEDERAL  
COMMUNICATIONS  
COMMISSION



MICROELECTRONICS DIVISION

Ref: LW95-015

1011 PAWTUCKET BOULEVARD  
P.O. BOX 3295  
LOWELL, MA 01853-3295  
(508) 442-5000

S-1884-EX-95 ✓

March 8, 1995

**Federal Communications Commission  
Experimental Radio Service  
PO Box 358320  
Pittsburgh, PA 15251-5320**

**Re: KI2XIS, Experimental License of M/A-COM, Inc., Request for Special Temporary Authorization**

Gentlemen:

M/A-COM, Inc. hereby requests Special Temporary Authorization to operate experimental stations at a temporary location for a limited period of time. The technical specifications of the transmitters are described below. An FCC Remittance Advice Form and a fee payment of \$45 are enclosed.

The details of this request are specified below in the format of Section 5.56.

1. ***Applicant Name and Address:***

M/A-COM, Inc.  
1011 Pawtucket Blvd.  
Lowell, MA 01853  
Attn: Larry Ward

2. ***Need for Special Action:***

STA is requested because of the operation will take place for a limited period of time.

3. ***Type of Operation:***

Testing of prototype 800 MHz private land mobile stations and communicating with existing base stations.

4. ***Purpose of Operation:***

Testing of prototype 800 MHz private land mobile stations and communicating with existing base stations.

5. ***Date:***

March 20, 1995 to July 31, 1995

**March 8, 1995**  
**Federal Communications Commission**  
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**6.     *Class, call sign and nature of service:***

Mobile, KI2XIS, experimental

**7.     *Location:***

Within 15 miles of  
1011 Pawtucket Blvd.  
Lowell, MA 01853  
N. Lat.423825; W. Long. 0712146

**8.     *Equipment:***

M/A-COM, Inc. experimental

**9.     *Frequencies:***

806-824 MHz

**10.    *Power:***

Per Part 90 FCC Rules; 12 Watts (mobile station)

**11.    *Type of Emission:***

Per Part 90 FCC Rules; 25KO and F1D and F3E and F8W and G9W and FXW and GXW

**12.    *Height of Antenna Structure:***

Attached to transmitter

For additional information about this operation, please contact me at (508)442-4367.

Sincerely,



Larry W. Ward  
Director

