

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

United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL  
(Nature of Service)

K I 2 X I S  
(Call Sign)

XD MO  
(Class of station)

S-1884-EX-95  
(File number)

NAME M/A-COM, INC.

Within 25 KM radius of Lowell, MA  
(Location of station)

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

Frequency MHz	Authorized Power (watts)	Emission 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

S-1884-EX-95 ✓



Ref: LW95-015

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

MICROELECTRONICS DIVISION

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**  
**Page 2**

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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,

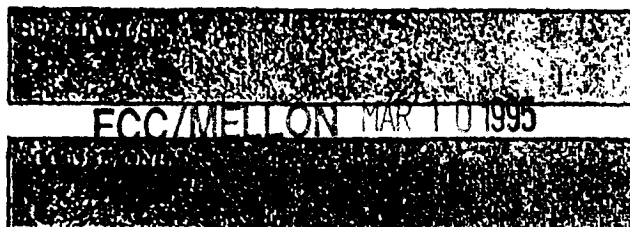


Larry W. Ward  
Director

FEDERAL COMMUNICATIONS COMMISSION  
**FCC REMITTANCE ADVICE**

Approved by OMB  
 8060-0689  
 Expires 2/28/97

PAGE NO. 1 OF \_\_\_\_\_



(Read instructions carefully BEFORE proceeding.)

**PAYOR INFORMATION**

(1) FCC ACCOUNT NUMBER	Did you have a number prior to this? Enter it.	(3) TOTAL AMOUNT PAID (dollars and cents)
		\$ 45.00
(3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card)		
M/A-COM, Inc.		
(4) STREET ADDRESS LINE NO. 1		
1011 Pawtucket Boulevard		
(4) STREET ADDRESS LINE NO. 2		
P.O. Box 3295		
(6) CITY	(7) STATE	(8) ZIP CODE
Lowell	MA	01853-3295
(9) DAYTIME TELEPHONE NUMBER (Include area code)		(10) COUNTRY CODE (if not U.S.A.)
(508) 442-5000		

**ITEM #1 INFORMATION**

11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR				
M/A-COM, Inc.				
12A) FCC CALL SIGN/OTHER ID	(13A) ZIP CODE	(14A) PAYMENT TYPE CODE	(15A) QUANTITY	(16A) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14
K12XIS		E A E	1	\$ 45
17A) FCC CODE 1		18A) FCC CODE 2		
19A) ADDRESS LINE NO. 1	(20A) ADDRESS LINE NO. 2	(21A) CITY/STATE OR COUNTRY CODE		

**ITEM #2 INFORMATION**

11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR				
12B) FCC CALL SIGN/OTHER ID	(13B) ZIP CODE	(14B) PAYMENT TYPE CODE	(16B) QUANTITY	(16B) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14
				\$
17B) FCC CODE 1		18B) FCC CODE 2		
19B) ADDRESS LINE NO. 1	(20B) ADDRESS LINE NO. 2	(21B) CITY/STATE OR COUNTRY CODE		

**CREDIT CARD PAYMENT INFORMATION**

22) MASTERCARD/VISA ACCOUNT NUMBER:

Mastercard  Visa

EXPIRATION DATE:   /

Month Year

3) I hereby authorize the FCC to charge my VISA or Mastercard for the service(s)/authorization(s) herein describe.

AUTHORIZED SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_