

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
RADIO STATION CONSTRUCTION PERMIT  
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WA2XKB

(Call Sign)

XD MO

(Class of Station)

0072-EX-RR-2000

(File Number)

NAME TRW/ESD

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

(1) MOBILE: Within Santa Clara County

Frequency Information

MOBILE: Within Santa Clara County

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 1636.5-1645 MHz | MO            | 25K0F3E             | 40 W (ERP)       |                           |

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 5.115 of the Commission's Rules are waived.
- (3) POINT OF COMMUNICATION: INMARSAT Satellite
- (4) EQUIPMENT: Two (2) Hughes Magnaphone MX 2020P.

This authorization effective May 01, 2000 and  
will expire 3:00 A.M. EST January 23, 2003

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COMMUNICATIONS  
COMMISSION**

