

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

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WC2XRT

(Call Sign)

0182-EX-PL-2001

(File Number)

NAME COMSAT Corporation, COMSAT Mobile Communications

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. 5.202(d) of the Commission's Rules

Station Locations

(1) Southbury (NEW HAVEN), CT - NL 41-27-05; WL 73-17-19

Frequency Information

Southbury (NEW HAVEN), CT - NL 41-27-05; WL 73-17-19

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 1626.5-1660.5 MHz | FX            | 10K5G1D             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 1K68G1D             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 21K0G1W             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 3K36G1D             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 4K80G1D             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 6K72G1W             | 351 W (ERP)      |                           |
| 1626.5-1660.5 MHz | FX            | 840HG1D             | 351 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) POINT OF COMMUNICATION: INMARSAT Satellite
- (3) Prior to operation of this experimental earth station with any INMARSAT satellite system, the satellite service provider must obtain an appropriate authorization from the International Bureau of the Federal Communications Commission.

This authorization effective July 31, 2001 and  
will expire 3:00 A.M. EST August 01, 2003

**FEDERAL  
COMMUNICATIONS  
COMMISSION**

