

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

EXPERIMENTAL  
(Nature of Service)

KG2XAW  
(Call Sign)

XD      FX  
(Class of Station)

0187-EX-RR-1999  
(File Number)

NAME CELLNET DATA SYSTEMS, INC.

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(i) of the Commission's Rules

Station Locations

(1) US

Frequency Information

US

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 902-928 MHz   | FX            | 26M0D7D             | 10 W (ERP)       |                           |
| 928-929 MHz   | FX            | 12K5D7D             | 50 W (ERP)       |                           |
| 928-929 MHz   | FX            | 25K0D7D             | 50 W (ERP)       |                           |
| 932-935 MHz   | FX            | 12K5D7D             | 50 W (ERP)       |                           |
| 932-935 MHz   | FX            | 25K0D7D             | 50 W (ERP)       |                           |
| 941-944 MHz   | FX            | 12K5D7D             | 100 W (ERP)      |                           |
| 941-944 MHz   | FX            | 25K0D7D             | 100 W (ERP)      |                           |
| 952-960 MHz   | FX            | 12K5D7D             | 100 W (ERP)      |                           |
| 952-960 MHz   | FX            | 25K0D7D             | 100 W (ERP)      |                           |
| 1427-1432 MHz | FX            | 5M00D7D             | 10 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) Operation in the band 902-928 MHz must comply with the technical standards contained in Part 15 of the FCC Rules.
- (3) Licensee must coordinate with existing and future users in the area prior to operation.

This authorization effective JUL 01, 1999 and  
will expire 3:00 A.M. EST JUL 01, 2001

FEDERAL  
COMMUNICATIONS  
COMMISSION

