

EXHIBIT NUMBER 1

Remote transmitters operating on a frequency approved by NOAA/NESS for use in their GOES/DCS satellite data collection system. Data is used for fire weather forecasting and for prediction of water runoff and stream monitoring.

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

EXPERIMENTAL

(Nature of Service)

XR FX

(Class of Station)

WA2XAL

(Call Sign)

0053-EX-RR-2000

(File Number)

NAME STATE OF CALIFORNIA

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(c) of the Commission's Rules

Station Locations

(1) BRIDGEVILLE (HUMBOLDT), CA - NL 40-28-42; WL 123-47-12

Frequency Information

BRIDGEVILLE (HUMBOLDT), CA - NL 40-28-42; WL 123-47-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.7025 MHz	FX	1K50G1D	100 W (ERP)	0.002 %

Special Conditions:

- (1) Subject to coordination and scheduling with Ms Kay Metcalf; National Environmental Satellite, Data and Information Service (NESDIS), U.S. Dept. of Commerce; Direct Services Division (E/SP3); Room 3320 FB4 NOAA; 5200 Auth Road; Suitland, MD 20746-4304; telephone (301) 457-5681.
- (2) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (3) POINT OF COMMUNICATION: GOES Satellite

This authorization effective May 01, 2000 and
will expire 3:00 A.M. EST May 01, 2004

**FEDERAL
COMMUNICATIONS
COMMISSION**

