

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

EXPERIMENTAL

(Nature of Service)

WC2XZW

(Call Sign)

XC FX

(Class of Station)

0177-EX-PL-2002

(File Number)

NAME Sierra Research, an Integrated Defence Technologies Co.

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(b) of the Commission's Rules

Station Locations

(1) Cheektowaga (ERIE), NY - NL 42-56-04; WL 78-44-49

Frequency Information

Cheektowaga (ERIE), NY - NL 42-56-04; WL 78-44-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2967 MHz	FX	7M30P0N	1.4 GW (ERP)	0.25 %
6875 MHz	FX	N0N	10 MW (ERP)	0.25 %
8000 MHz	FX	8M95P0N	1.6 GW (ERP)	0.25 %
13500 MHz	FX	8M01M0N	1 GW (ERP)	0.25 %
14200 MHz	FX	6M40P0N	3.3 MW (ERP)	0.25 %
15000 MHz	FX	6M37P0N	1.5 GW (ERP)	0.25 %
35000 MHz	MO	13M8P0N	1.5 GW (ERP)	0.25 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) This license grants application, in part: Adds 14200 MHz.

This authorization effective January 16, 2003 and
will expire 3:00 A.M. EST January 01, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Department of Defense contract no. DAAH01-95-C-A015, DAAH01-98-C-A004, and DAAH01-00-D-A102. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.