

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

EXPERIMENTAL

(Nature of Service)

WH2XAY

(Call Sign)

XC MO

(Class of Station)

0073-EX-PL-2014

(File Number)

NAME Sierra Nevada Corporation

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Stead Airport near Reno, Nevada, within 92.6 km, centered around NL 39-40-02; WL 119-52-32
- (2) MOBILE: Sparks, NV, within 92.6 km, centered around NL 39-32-00; WL 119-42-04
- (3) MOBILE: Greenville, TX, within 92.6 km, centered around NL 33-04-20; WL 96-04-38
- (4) MOBILE: Omaha, NE, within 92.6 km, centered around NL 41-06-47; WL 95-54-44

Frequency Information

MOBILE: Stead Airport near Reno, Nevada, within 92.6 km, centered around NL 39-40-02; WL 119-52-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.325 GHz	MO	150MQ1N	2.4 MW (ERP)	0.01 %

MOBILE: Sparks, NV, within 92.6 km, centered around NL 39-32-00; WL 119-42-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.325 GHz	MO	150MQ1N	2.4 MW (ERP)	0.01 %

This authorization effective February 28, 2014 and
will expire 3:00 A.M. EST March 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Greenville, TX, within 92.6 km, centered around NL 33-04-20; WL 96-04-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.325 GHz	MO	150MQ1N	2.4 MW (ERP)	0.01 %

MOBILE: Omaha, NE, within 92.6 km, centered around NL 41-06-47; WL 95-54-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.325 GHz	MO	150MQ1N	2.4 MW (ERP)	0.01 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by USAF Big Safari contract no. FA86210-11-G-4020, Order No. 0055. 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.