

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WH9XIL

(Call Sign)

XT MO

(Class of Station)

0172-EX-ST-2014

(File Number)

NAME Raytheon Company Intergrated Defense System

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To provide VHF command and control communications for a border surveillance system.

Station Locations

(1) MOBILE: Las Cruces, NM, within 100 km, centered around NL 32-35-51; WL 106-56-36

Frequency Information

MOBILE: Las Cruces, NM, within 100 km, centered around NL 32-35-51; WL 106-56-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33.2 MHz	MO	25K0F9W	20 W (ERP)	
39.2 MHz	MO	25K0F9W	20 W (ERP)	
47.2 MHz	MO	25K0F9W	20 W (ERP)	

This authorization effective March 24, 2014 and
will expire 3:00 A.M. EST September 18, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (2) Per Raytheon's request for three (3) 25 kHz channels within the 30 to 80 MHz band, NTIA approves the following frequencies for the testing and evaluation of the VHF command and control communications for a border surveillance system:
 - a. 33.2 MHz
 - b. 39.2 MHz
 - c. 47.2 MHz
- (3) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization Under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.