

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF9XOA

(Call Sign)

0232-EX-ST-2012

(File Number)

NAME ITT Exelis, Inc.

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 conduct a series of experiments and evaluations employing ground surveillance radar equipment to detect and track moving targets.

Station Locations

(1) MOBILE: Benson, AZ, within 80.5 km, centered around NL 31-55-12; WL 110-19-55

Frequency Information

MOBILE: Benson, AZ, within 80.5 km, centered around NL 31-55-12; WL 110-19-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8750-8950 MHz	MO	200MM9N	5 W (ERP)	
16.2-17.2 GHz	MO	30M3Q3N	191 W (ERP)	
16.2-17.2 GHz	MO	26M0F1D	1698 W (ERP)	

This authorization effective April 07, 2012 and
will expire 3:00 A.M. EST October 08, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Benson, AZ, within 80.5 km, centered around NL 31-55-12; WL 110-19-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.21-16.5 GHz	MO	3M22Q3N	7 W (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) In accordance with CFR 47, Part 5.61(b), the applicant shall file for a regular experimental license if/when there is a need for continuation of the experiment.