

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

EXPERIMENTAL

(Nature of Service)

WC9XRU

(Call Sign)

XC MO

(Class of Station)

0031-EX-TC-2013

(File Number)

NAME Science, Engineering, and Technology Associates 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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Falls Church, VA, at temporary fixed locations, within 100 km, centered around NL 38-53-15; WL 77-10-51
- (2) MOBILE: Clifton, VA, at temporary fixed locations, within 1 km, centered around NL 38-47-30; WL 77-24-06
- (3) MOBILE: Nokesville, VA, at temporary fixed locations, within 1 km, centered around NL 38-41-30; WL 77-33-04
- (4) MOBILE: Indian Head, MD (US Naval Ordinance Station), at temporary fixed locations, within 3 km, centered around NL 38-32-56; WL 77-12-56

Frequency Information

MOBILE: Falls Church, VA, at temporary fixed locations, within 100 km, centered around NL 38-53-15; WL 77-10-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.75 GHz	FX	1G00F3N	50 W (ERP)	
35.75 GHz	MO	1G00F3N	50 W (ERP)	

This authorization effective July 08, 2013 and
will expire 3:00 A.M. EST April 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Clifton, VA, at temporary fixed locations, within 1 km, centered around NL 38-47-30; WL 77-24-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.75 GHz	FX	1G00F3N	50 W (ERP)	
35.75 GHz	MO	1G00F3N	50 W (ERP)	

MOBILE: Nokesville, VA, at temporary fixed locations, within 1 km, centered around NL 38-41-30; WL 77-33-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.75 GHz	FX	1G00F3N	50 W (ERP)	
35.75 GHz	MO	1G00F3N	50 W (ERP)	

MOBILE: Indian Head, MD (US Naval Ordinance Station), at temporary fixed locations, within 3 km, centered around NL 38-32-56; WL 77-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.75 GHz	FX	1G00F3N	50 W (ERP)	
35.75 GHz	MO	1G00F3N	50 W (ERP)	

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.

Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the related US Government contracts. 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.
- (4) Stop Buzzer, if any issues regarding interference arise during testing. The number for this purpose will be: Jeffrey Bare 703-229-2203.