

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

EXPERIMENTAL
(Nature of Service)

XD FX
(Class of Station)

WQ2XLH
(Call Sign)

0429-EX-CN-2026
(File Number)

NAME SRI International

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(a & j) of the Commission's Rules

- Station Locations
- (1) Princeton (MERCER), NJ - NL 40-19-48; WL 74-37-43
 - (2) Harrisonburg (ROCKINGHAM), VA - NL 38-28-09; WL 78-50-37
- Frequency Information

Princeton (MERCER), NJ - NL 40-19-48; WL 74-37-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30.56-32 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
33-34 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
35-36 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
39-40 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %

This authorization effective July 14, 2026 and
will expire 3:00 A.M. EST July 01, 2028

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Princeton (MERCER), NJ - NL 40-19-48; WL 74-37-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
42-46.6 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
47-49.6 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %

Harrisonburg (ROCKINGHAM), VA - NL 38-28-09; WL 78-50-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30.56-32 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
33-34 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
35-36 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
39-40 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
42-46.6 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %
47-49.6 MHz	FX	1M00Q1D	15 kW (ERP)	1.0E-7 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (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) Prior to commencing any operations in the frequencies below, SRI International shall obtain consent from the following within 50 miles of the contours of the testing area:
Paging Service licensees in 35 MHz
Paging Service licensees in 43 MHz
- (4) Stop buzzer points of contact:
Primary: Robert Sparr, 650-207-1270
Secondary: Justin Landrum, 415-519-2979
- (5) Operation is subject to coordination prior to activation and, as appropriate, possible scheduling with Christine Plumley, cplumley@nrao.edu, 304-456-2270, when used within 20 nautical miles of the National Radio Quiet Zone.