Ryan Peterson, 2595 Canyon Blvd. Suite 440, Boulder, CO 80302,

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

EXPERIMENTAL	WQ2XEZ
(Nature of Service)	(Call Sign)
XD MO	0151-EX-CN-2026
(Class of Station)	(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(j) of the Commission's Rules

Station Locations

(1) MOBILE: Ann Arbor, MI, within 80 km, centered around NL 42-16-48; WL 83-42-40
(2) MOBILE: Boulder, CO, within 80 km, centered around NL 40-01-12; WL 105-16-12
(3) MOBILE: Menlo Park, CA, within 80 km, centered around NL 37-27-00; WL 122-10-48
(4) MOBILE: Virginia Beach, VA, within 25 km, centered around NL 36-50-24; WL 75-58-20
(5) MOBILE: San Diego, CA, within 80 km, centered around NL 32-42-00; WL 117-04-48
(6) MOBILE: Gulfport, MS, within 80 km, centered around NL 30-21-00; WL 89-05-24
(7) MOBILE: Monterey, CA, within 80 km, centered around NL 36-36-00; WL 121-52-48
(8) MOBILE: Baltimore, MD, within 25 km, centered around NL 39-18-48; WL 76-28-12
(9) MOBILE: Dahlgren, VA, within 25 km, centered around NL 38-20-33; WL 77-01-36

Frequency Information

MOBILE: Ann Arbor, MI, within 80 km, centered around NL 42-16-48; WL 83-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9220-9980 MHz	MO	100KP1N	18 kW (ERP)	0.001 %

This authorization effective July 15, 2026 and
will expire 3:00 A.M. EST May 01, 2028

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: Ann Arbor, MI, within 80 km, centered around NL 42-16-48; WL 83-42-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9220-9980 MHz	MO	750MQ1N	18 kW (ERP)	0.001 %

MOBILE: Boulder, CO, within 80 km, centered around NL 40-01-12; WL 105-16-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9220-9980 MHz	MO	100KP1N 750MQ1N	18 kW (ERP)	0.001 %

MOBILE: Menlo Park, CA, within 80 km, centered around NL 37-27-00; WL 122-10-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

Frequency Information

MOBILE: Virginia Beach, VA, within 25 km, centered around NL 36-50-24; WL 75-58-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

MOBILE: San Diego, CA, within 80 km, centered around NL 32-42-00; WL 117-04-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

MOBILE: Gulfport, MS, within 80 km, centered around NL 30-21-00; WL 89-05-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9220-9980 MHz	MO	100KP1N 750MQ1N	18 kW (ERP)	0.001 %

Frequency Information

MOBILE: Monterey, CA, within 80 km, centered around NL 36-36-00; WL 121-52-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

MOBILE: Baltimore, MD, within 25 km, centered around NL 39-18-48; WL 76-28-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

MOBILE: Dahlgren, VA, within 25 km, centered around NL 38-20-33; WL 77-01-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	100KP1N 500MQ1N	18 kW (ERP)	0.001 %
9200-10000 MHz	MO	100KP1N 800MQ1N	18 kW (ERP)	0.001 %

Special Conditions:

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

(2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(3) 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.

(4) Stop Buzzer POC: Justin Landrum at 415-519-2979 and Ryan Peterson: 734-255-3151.

(5) Per NASA, when using the 800MQ1N emission mode and transmitting a TX beam below 10 degrees relative to the local horizontal plane, Licensee must blank the sector within plus/minus 5 degrees of the pointing vector toward 39-01-14N 076-49-39W.

(6) Per NASA, notification must be provided to the NASA GSFC SM Office at NASA-DL-GSFC-SPECTRUM-MANAGEMENT@mail.nasa.gov at least 3 days prior to operations.

(7) Per NASA, at the Virginia Beach, VA location, the licensee must blank the sector within plus/minus 7.5 degrees of the pointing vector toward 37-06-00N 076-23-00W when transmitting a TX beam below 15 degrees relative to the local horizontal plane.

(8) Per NASA, at location San Diego, CA, Licensee shall not operate within 30 km of either 32-53-30N 116-25-22W or 33-21-21N 116-51-50W.

(9) At locations Ann Arbor, MI; Gulfport, MS; and Boulder, CO, the licensee shall not operate on frequency bands 9200-9220 MHz or 9980-10000 MHz.