

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WJ2XNG

(Call Sign)

0166-EX-CM-2018

(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: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33
- (2) MOBILE: Tracy, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-44-00; WL 121-25-48
- (3) MOBILE: Crows Landing, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (4) MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33
- (5) MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33
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- (7) MOBILE: Tracy, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-44-00; WL 121-25-48
- (8) MOBILE: Crows Landing, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (9) MOBILE: Crows Landing, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (10) MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33
- (11) MOBILE: Tracy, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-44-00; WL 121-25-48
- (12) MOBILE: Crows Landing, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (13) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL
- (14) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL
- (15) MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33
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- (17) MOBILE: Tracy, CA, within 100 km, centered around NL 37-44-00; WL 121-25-48
- (18) MOBILE: Tracy, CA, within 100 km, centered around NL 37-44-00; WL 121-25-48

This authorization effective October 25, 2018 and
will expire 3:00 A.M. EST July 01, 2020

FEDERAL
COMMUNICATIONS
COMMISSION



Station Locations

- (19) MOBILE: Crows Landing, CA, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (20) MOBILE: Crows Landing, CA, within 100 km, centered around NL 37-23-37; WL 121-04-20
- (21) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL
- (22) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL
- (23) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL
- (24) MOBILE: 36.5-38.4N,117.4-122.2W,Max altitude 20000ft AGL

Frequency Information

MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.93625-3.35 GHz	MO	200MM3N	7500 W (ERP)	0.00001 %

MOBILE: Tracy, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-44-00; WL 121-25-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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Frequency Information

MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	10M0F3D	2 W (ERP)	0.00001 %

MOBILE: Menlo Park, CA, within 100 km, centered around NL 37-27-30; WL 122-10-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
915 MHz	MO	10M0F3D	22 W (ERP)	0.00001 %

MOBILE: Tracy, CA: max altitude 20,000 ft. AGL, within 100 km, centered around NL 37-44-00; WL 121-25-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.616-1.6265 GHz	MO	10M5M7D	14 W (ERP)	0.00001 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.25-5.6 GHz	MO	45M0D2D	100 W (ERP)	0.00001 %
		45M0D2D		
		45M0D2D		

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915 MHz	MO	10M0F3D	2 W (ERP)	0.00001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Prior to commencing any operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area: Location & Monitoring Service licensees (902-928 MHz).
- (3) Aircraft operations are limited to U.S.-registered aircraft, and the authorized station must not be used for air traffic control communications.