

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

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

KB2XIE

(Call Sign)

0204-EX-RR-2005

(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(b) of the Commission's Rules

Station Locations

(1) Avenal (KERN), CA - NL 35-41-55; WL 119-57-05

Frequency Information

Avenal (KERN), CA - NL 35-41-55; WL 119-57-05

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 5735-6195 kHz | FX            | N0N                 | 2 MW (ERP)       |                           |
| 6770-6995 kHz | FX            | N0N                 | 2 MW (ERP)       |                           |
| 9045-9985 kHz | FX            | N0N                 | 2 MW (ERP)       |                           |
| 7305-8190 kHz | FX            | N0N                 | 2 MW (ERP)       |                           |

This authorization effective March 01, 2006 and  
will expire 3:00 A.M. EST March 01, 2011

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Avenal (KERN), CA - NL 35-41-55; WL 119-57-05

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 13415-13995 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 10155-11170 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 11405-12325 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 22725-23195 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 14355-14985 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 15105-16455 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 17365-17895 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 18035-18060 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 18175-19985 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 20015-20995 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |

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| 21455-21845 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 29705-29995 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 23355-24885 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 25015-25065 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 25675-26995 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 27415-27995 KHZ | FX            | N0N                 | 2 MW (ERP)       |                           |
| 5735-6195 KHZ   | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 6770-6995 KHZ   | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 9045-9985 KHZ   | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 7305-8190 KHZ   | FX            | 25K0G1D             | 2 MW (ERP)       |                           |

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| 13415-13995 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 10155-11170 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 11405-12325 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 22725-23195 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 14355-14985 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 15105-16455 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 17365-17895 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 18035-18060 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 18175-19985 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
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| 25015-25065 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 25675-26995 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |
| 27415-27995 KHZ | FX            | 25K0G1D             | 2 MW (ERP)       |                           |

## 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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by contract with the Missile Defense Agency (MDA) and contracted through Naval Surface Warfare Center (NSWC) Indian Head Maryland to a Prime Contractor- Coalescent Technologies Corp. The contract No. is STO-SRI/3304. 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.