

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

EXPERIMENTAL

(Nature of Service)

XD      FX

(Class of Station)

WF2XXR

(Call Sign)

0270-EX-RR-2014

(File Number)

NAME CACI Technologies Inc

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(i) of the Commission's Rules

Station Locations

- (1) FT DIX (BURLINGTON), NJ - NL 40-01-50; WL 74-31-21
- (2) FT DIX (BURLINGTON), NJ - NL 40-01-10; WL 74-32-55
- (3) FT DIX (BURLINGTON), NJ - NL 40-02-26; WL 74-27-56
- (4) FT DIX (BURLINGTON), NJ - NL 40-01-50; WL 74-27-16
- (5) ft dix (BURLINGTON), NJ - NL 40-00-49; WL 74-27-21
- (6) FT DIX (BURLINGTON), NJ - NL 39-59-03; WL 74-27-45
- (7) LAKEHURST (BURLINGTON), NJ - NL 40-02-09; WL 74-23-42
- (8) LAKEHURST (BURLINGTON), NJ - NL 40-01-07; WL 74-22-25
- (9) LAKEHURST (BURLINGTON), NJ - NL 40-01-02; WL 74-24-08
- (10) LAKEHURST (BURLINGTON), NJ - NL 40-01-54; WL 74-20-48
- (11) LAKEHURST (BURLINGTON), NJ - NL 40-01-38; WL 74-20-06

Frequency Information

FT DIX (BURLINGTON), NJ - NL 40-01-50; WL 74-31-21

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz | FX            | 300KG7W             | 2.5 W (ERP)      |                           |

This authorization effective September 06, 2014 and  
will expire 3:00 A.M. EST September 01, 2016

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

FT DIX (BURLINGTON), NJ - NL 40-01-50; WL 74-31-21

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

FT DIX (BURLINGTON), NJ - NL 40-01-10; WL 74-32-55

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 946-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

FT DIX (BURLINGTON), NJ - NL 40-02-26; WL 74-27-56

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

FT DIX (BURLINGTON), NJ - NL 40-01-50; WL 74-27-16

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

ft dix (BURLINGTON), NJ - NL 40-00-49; WL 74-27-21

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

FT DIX (BURLINGTON), NJ - NL 39-59-03; WL 74-27-45

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 MW (ERP)     |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 MW (ERP)     |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

LAKEHURST (BURLINGTON), NJ - NL 40-02-09; WL 74-23-42

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300MG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 MW (ERP)     |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 MW (ERP)     |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |



## Frequency Information

LAKEHURST (BURLINGTON), NJ - NL 40-01-07; WL 74-22-25

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

LAKEHURST (BURLINGTON), NJ - NL 40-01-02; WL 74-24-08

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1850 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

LAKEHURST (BURLINGTON), NJ - NL 40-01-54; WL 74-20-48

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

## Frequency Information

LAKEHURST (BURLINGTON), NJ - NL 40-01-38; WL 74-20-06

| Frequency         | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------------|---------------|---------------------|------------------|---------------------------|
| 880-889.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 900-915 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 925-934.8 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 945-960 MHz       | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1710-1785 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1805-1880 MHz     | FX            | 300KG7W             | 2.5 W (ERP)      |                           |
| 1972.4-1977.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |
| 2162.4-2167.4 MHz | FX            | 5M00F9W             | 20 W (ERP)       |                           |

**Special Conditions:**

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operation is subject to coordinate with the existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) and Part 27 prior to operation on 900-915 MHz, 925-960 MHz, 1972.4-1977.4 and 2162.4-2167.4 MHz.