

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC      FX

(Class of Station)

WB9XZR

(Call Sign)

0538-EX-ST-2004

(File Number)

NAME L-3 Communications CSW

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

This STA will be used to support a demonstration of a multi-link communications terminal being developed for the US Navy.

**Station Locations**

- (1) Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06
- (2) Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06
- (3) Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06
- (4) Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

**Frequency Information**

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9.75-9.95 GHz | FX            | 400KG7D             | 2.5 kW (ERP)     |                           |

This authorization effective November 15, 2004 and  
will expire 3:00 A.M. EST March 31, 2005

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 15.15-15.35 GHz | FX            | 400KG7D             | 44.7 kW (ERP)    |                           |

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 10.15-10.43 GHz | FX            | 280MG7D             | 2.75 kW (ERP)    |                           |

Salt Lake City (SALT LAKE), UT - NL 40-47-01; WL 111-57-06

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 14.4-14.83 GHz | FX            | 25M0G7F<br>90M0G7F  | 431 W (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) Licensee should be aware that 9750-9950 MHz and 10150-10430 MHz are radiolocation bands and this operation is not in conformance with the allocation tables.
- (3) Licensee should be aware that future use may not be certified by the Spectrum Planning Subcommittee when DD Form 1494 is submitted.