

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

EXPERIMENTAL
(Nature of Service)

WA9XFR
(Call Sign)

XD FX MO
(Class of Station)

0178-EX-ST-1999
(File Number)

NAME Orbital Sciences Corporation

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:

Test the functionality and acceptability of a CAD (Computer Aided Dispatch)/AVL (Automatic Vehicle Location) system.

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-12-25; WL 76-40-22; MOBILE: Vicinity of the base station

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-12-25; WL 76-40-22; MOBILE: Vicinity of the base station

Frequency	Station Class	Emission Designator	Authorized Power watts	Tolerance (+/-)
452.7-452.7 MHz	FX	15K0F1D	75 (ERP)	
452.7-452.7 MHz	FX	20K0F1D	75 (ERP)	
452.7-452.7 MHz	FX	15K0F2D	75 (ERP)	
452.7-452.7 MHz	FX	20K0F3E	75 (ERP)	
452.8-452.8 MHz	FX		75 (ERP)	
457.7-457.7 MHz	MO		40 (ERP)	
457.8-457.8 MHz	MO		40 (ERP)	
806-824 MHz	MO		30 (ERP)	
851-869 MHz	FX		160 (ERP)	
896-902 MHz	MO		30 (ERP)	
935-941 MHz	FX		160 (ERP)	

This authorization effective JUN 04, 1999 and will expire 3:00 A.M. EST DEC 05, 1999

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 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.
- (3) Licensee is authorized to use various emissions and bandwidths during the experiment.
- (4) This STA supersedes any previous authorization.
- (5) Operation in the 901-902 MHz and 940-941 MHz bands requires consent of PCS licensees to avoid interference.