

Exhibit 1 (Item 9 of FCC Form 442):

The low earth orbit BATSAT/T1 spacecraft hosts a Ka Band communications payload built by Boeing and Teledesic. FCC authorization for this payload's transmissions will have been requested by these two corporations, separate from Orbital Sciences Corporation.

For control of the BATSAT/T1 spacecraft itself, a UHF telemetry and command telemetry (T&C) transceiver is used. The receiver operates at 450 MHz, and the transmitter operates at 401.5 MHz. For reliable downlink communications, the transmit power needs to be modified from the current 1 W authorization (see attachment; FCC file number 6296-EX-ML-1998).

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WA2XGO

(Call Sign)

6296-EX-ML-1998

(File Number)

NAME ORBITAL SCIENCES CORPORATION

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. 5.202(cg) of the Commission's Rules

Station Locations

- (1) DULLES (LOUDOUN), VA - NL 39-00-56; WL 77-25-42; MOBILE: BATSAT/T1 MICROSTAR (LEO)

Frequency Information

DULLES (LOUDOUN), VA - NL 39-00-56; WL 77-25-42; MOBILE: BATSAT/T1 MICROSTAR (LEO)

Frequency	Station Class	Emission Designator	Authorized Power watts	Tolerance (+/-)
401.5 MHz	MO	64K0G1D	1 (ERP)	
450 MHz	FX	32K0G1D	24300 (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.152 of the Commission's Rules are waived.
- (2) NOAA wind profiler radars will be assigned in the band 448-450 MHz and satellite receivers may experience interference.
- (3) Subject to prior coordination with Earthwatch, E950498 and E950499, and Orbital Imaging Corporation to avoid interference.

EXHIBIT 1 ATTACHMENT

This authorization effective JAN 11, 1999 and
will expire 3:00 A.M. EST JAN 01, 2001

**FEDERAL
COMMUNICATIONS
COMMISSION**

