



ORIGINAL

ECHOSTAR SATELLITE CORPORATION  
A Part of the EchoStar Group of Companies

January 23, 2003

**VIA HAND DELIVERY**

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
International Bureau - Satellites  
P.O. Box 358210  
Pittsburgh, PA 15251-5210



File # SAT-STA-20030124-00005  
With attached Conditions  
Call Sign \_\_\_\_\_ Grant Date 1/30/03  
(or other identifier) For 30 Days  
Term Dates  
From 1/31/03 To: 3/1/03  
Approved: Jennifer M. Delano

Re: **Application for Special Temporary Authority to Move a Direct Broadcast Satellite to, and Operate it on, the 110° W.L. Orbital Location, File No. \_\_\_\_\_**

**EXPEDITED CONSIDERATION REQUESTED**

Dear Ms. Dortch:

Pursuant to Section 309 (c)(2)(G) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(c)(2)(G), EchoStar Satellite Corporation ("EchoStar") hereby requests Special Temporary Authority ("STA") to move its EchoStar 6 satellite from the 119° W.L. orbital location to the 110° W.L. orbital location and operate it over the channels licensed to EchoStar at 110° W.L. for a period of 60 days pending the filing of a modification application to allow regular operation. Specifically, EchoStar 6 would operate at the 110.2° W.L. orbital location. Enclosed is an FCC Form 159 and a check in the amount of \$145.00 to cover applicable filing fees. Also enclosed is an additional copy, which we ask that you date stamp and return with our messenger.

EchoStar 6 is now located at the 119.05° W.L. orbital slot. EchoStar has deployed another satellite, EchoStar 7, which uses all of the 21 DBS channels licensed to EchoStar at that location. Out of an abundance of caution, EchoStar wishes to move EchoStar 6 to 110° W.L. in order to provide sufficient redundancy because the EchoStar 8 satellite, recently launched to that location, has suffered a thruster anomaly that renders the spacecraft less than optimally reliable. EchoStar requests expedited action in this case (no later than January 31, 2003) due to the impending eclipse season that will significantly increase the risk of the satellite relocation requested herein and the need to ensure uninterrupted service to customers.

EchoStar already has a license for 29 DBS channels (1-27 even and odd, and channels 29 and 31) at 110° W.L. Under separate cover, EchoStar will request modification of

## **Attachment**

- 1) During the drift of the Echostar 6 satellite from the 119° W.L. to 110° W.L. orbital location, EchoStar shall coordinate its TT&C operations with existing geostationary satellites to ensure that no unacceptable interference results from its TT&C operations;
- 2) EchoStar shall not operate the communications payload of the EchoStar 2 satellite while it is in drift;
- 3) This STA is also subject to the following conditions: (1) until the International Telecommunication Union (ITU) Region 2 BSS Plan and its associated Feeder Link Plan are modified to include the technical parameters of EchoStar VI and its associated feeder links, this satellite system shall not cause greater interference than that which would occur from the current U.S. assignments in the Region 2 BSS Plan at 110° W.L. to other BSS or feeder link assignments, or other services or satellite systems operating in accordance with the ITU Radio Regulations; and (2) no protection from interference caused by radio stations authorized by other Administrations is guaranteed to EchoStar VI unless and until Appendices 30 and 30A Plan modification procedures are successfully and timely completed