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E930229 SES-STA-20050517-00606 IB200500105
DIRECTV Enterprises, LLC

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
DIRECTV Enterprises E930229 180 day STA

I. Applicant

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File # SES-STA-20050517-00606
 Call Sign E930229 Grant Date July 15, 2005
 (or other identifier)
 Term Dates
 From July 15, 2005 To January 15, 2006
 Approved: Jeanette D. Spriggs

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Call Signs: E930229 and E930191

DIRECTV Enterprises, LLC ("DIRECTV") hereby requests Special Temporary Authority ("STA") for up to 180 days to conduct telemetry, tracking and control ("TT&C") operations with the DIRECTV 1 satellite during its drift from the nominal 101° W.L. orbital location to 72.5° W.L., and for a period of time once the satellite is relocated.

DIRECTV currently is using DIRECTV 5 to provide DBS service in the United States from the Canadian-controlled orbital location at 72.5° W.L. DIRECTV has filed applications necessary to swap DIRECTV 1 for DIRECTV 5 upon its arrival at 72.5° W.L., so that DIRECTV 5 will be free to replace DIRECTV 6, which has continued to experience anomalies that have limited its ability to generate power.¹ In the meantime, DIRECTV has completed the process of transferring traffic from DIRECTV 1 to other DIRECTV satellites operating at the nominal 101° W.L. orbital location so that it is now free to begin its move without causing any service interruption to subscribers.

Once it has received proper authorization, DIRECTV will turn off the communications payload on DIRECTV 1 for its relocation to and initial operation at 72.5° W.L., and will operate only the TT&C payload using the following frequencies:

Uplink:	17303 and 17797 MHz
Downlink:	12200.5 and 12201.75 MHz

Grant of this STA request will serve the public interest by allowing DIRECTV to conduct the maneuvers necessary to address DIRECTV 6's failing health and ensure uninterrupted service to DIRECTV subscribers. In addition, grant of this STA request will not result in increased risk of harmful interference to any other system. This earth station is already authorized to provide TT&C services using the frequencies needed for the drift of DIRECTV 1. Moreover, DIRECTV will coordinate with potentially affected satellite operators in accordance with industry practice and will operate on a non-interference basis.²

Accordingly, DIRECTV respectfully requests that the Commission grant this STA request as expeditiously as possible.

¹ See, e.g., FCC File No. SAT-STA-20050427-00091.

² Since TT&C for DIRECTV 5 is conducted using different frequencies (17301 and 17305 MHz (uplink) and 12201 and 12202 MHz (downlink)), there is no risk of interference during collocation at the 72.5° W.L. position.