

Attachment
Conditions of Authorization
August 15, 2004

1. Echostar Satellite L.L.C.'s application, SAT-MOD-20050617-00127 to modify its authorization, SAT-MOD-20041102-00206 (Call Sign S2609),¹ to include authority to operate in the 18.3-18.8 GHz (space-to-Earth), 28.35-28.6 GHz (Earth-to-space), and 29.25-29.5 GHz (Earth-to-space) frequency bands IS GRANTED. Accordingly Echostar Satellite L.L.C. is authorized to launch and operate its Echostar-121W-KuX satellite in the 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth), 18.3-18.8 GHz (space-to-Earth), 13.75-14.0 GHz (Earth-to-space), 28.35-28.6 GHz (Earth-to-space), and 29.25-29.5 GHz (Earth-to-space) frequency bands at the 121.0°W.L. orbital location in accordance with the terms, conditions, and technical specifications set forth in its modification application, this Attachment, and the Commission's Rules.

2. EchoStar must coordinate its downlink operations in the 18.3-18.8 GHz frequency bands with U.S. Government systems, including Government operations to earth stations in foreign countries, in accordance with footnote US334 to the Table of Frequency Allocations, 47 C.F.R. § 2.106.

3. EchoStar must conduct its operations pursuant to this authorization in a manner consistent with the power flux-density requirements of footnote US255 to the Table of Frequency Allocations, 47 C.F.R. § 2.106, and 47 C.F.R. § 25.208, of the Commission's Rules.

4. Echostar Satellite L.L.C shall prepare the necessary information, as may be required, for submission to the ITU to initiate and complete the advance publication, international coordination, due diligence, and notification process of this space station, in accordance with the ITU Radio Regulations. Echostar Satellite L.L.C. shall be responsible for all cost recovery fees associated with these ITU filings.² No protection from interference caused by radio stations authorized by other administrations is guaranteed unless coordination and notification procedures are timely completed or, with respect to individual administrations, by successfully completing coordination agreements. Any radio station authorization for which coordination has not been completed may be subject to additional terms and conditions as required to effect coordination of the frequency assignments of other administrations. *See* 47 C.F.R. § 25.111(b).

¹ See Application of EchoStar Satellite L.L.C. Application to Modify Its Authority to Construct, Launch and Operate a Geostationary Satellite Using the Extended Ku-band Frequencies in the Fixed-Satellite Service at the 121° W.L. Orbital Location and to Add Frequency, File No. SAT-MOD-20041102-00206, *Grant Stamp*, January 26, 2005, modifying Application of EchoStar KuX Corporation Application for Authority to Construct, Launch and Operate a Geostationary Satellite Using the Extended Ku-band Frequencies in the Fixed-Satellite Service at the 121° W.L. Orbital Location, File No. SAT-LOA-20031215-00355, DA 04-3164, *Order and Authorization*.