



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

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News media information 202-418-0500  
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

**Report No. SAT-00203**

**Friday March 26, 2004**

## POLICY BRANCH INFORMATION

### Satellite Space Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-AMD-20040227-00021** E S2487 Mobile Satellite Ventures Subsidiary LLC  
Date Filed: 02/27/2004 14:43:12:08000  
Amendment

Mobile Satellite Ventures Subsidiary LLC ('MSV') amends its pending application to launch and operate a Mobile Satellite Service ('MSS') satellite at the 63.5W orbital location by (i) increasing the size of the L-band service link antenna; (ii) increasing the EIRP of the satellite; (iii) increasing the potential number of L-band spot beams; (iv) modifying the baseline air interface protocol from GMR only to GMR-2, S-cdma2000, and SW-CDMA; and (v) requesting a waiver of the bond requirement (47 C.F.R. sec. 25.165(a)).

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**SAT-LOA-20040210-00015** E S2615 EchoStar Satellite L.L.C.  
Date Filed: 02/10/2004 15:24:24:68300  
Launch and Operating Authority

EchoStar Satellite L.L.C. (EchoStar), formerly known as EchoStar Satellite Corporation, has filed an application for authority to construct, launch and operate a geostationary (GSO) satellite in the Fixed-Satellite Service (FSS) using allotted extended Ku-band frequencies (10.7-10.75 GHz and 11.2-11.45 GHz downlink; 12.75-13.0 GHz and 13.15-13.2 GHz uplink) at the 101° W.L. orbital location.

The proposed satellite will operate with 18 transponders each of 27 MHz usable bandwidth, meaning full frequency reuse of up to 300 MHz on both the uplink and downlink paths. The proposed satellite will operate using a broad coverage beam on the downlink that is switchable to smaller spot beams. In addition, the proposed satellite will have a pair of satellite receive beams for feeder link uplink transmissions. Both uplink beams are steerable and can be used to point to various locations in other countries. If its waiver request is granted, EchoStar envisions using one of the beams for uplink transmissions from EchoStar's feeder link earth station located at Cheyenne, Wyoming, while using the other steerable beam to uplink transmissions (including international programming) directly from other countries (e.g. Canada, Mexico and Peru). This satellite design will also enable EchoStar to share on a co-frequency basis portions of the allotted extended Ku-band with the feeder links of MSV's proposed "replacement" Mobile Satellite Service (MSS) satellite at the same orbital location.

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EchoStar requests a waiver of footnote NG104 of the U.S. Table of Allocations, 47 C.F.R. § 2.106, to the extent necessary to permit it to provide domestic service as well as international service from the proposed satellite and for TT&C operations in the United States using the allotted extended Ku-band frequencies. EchoStar also requests a waiver of 47 C.F.R. § 25.210(f) to the extent required to permit operation of the proposed allotted extended Ku-band payload by way of circular polarization.

EchoStar proposes to offer Direct-to-Home services, interactive services and HD content to consumers using transactions modeled on the current relationship between EchoStar and its DBS subscribers, which is a non-common carrier relationship, or other non-common carrier transactions.

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**SAT-STA-20040309-00028** E S2115 L/Q Licensee, Inc.  
Date Filed: 03/09/2004 18:11:12:17000  
Special Temporary Authority

L/Q Licensee, Inc. has filed a request for extension of special temporary authority (STA), originally granted September 27, 2001 (File No. SAT-STA-20010810-00072), authorizing L/Q Licensee to raise two satellites in its operational constellation to a 'graveyard orbit' of 1514 kilometers.

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**SAT-STA-20040319-00056** E S2110 Iridium Constellation LLC  
Date Filed: 03/19/2004 16:52:33:98600  
Special Temporary Authority

Iridium Constellation LLC ('Iridium') seeks special temporary authority ('STA') to provide global mobile satellite service ('MSS') in the 1620.10-1621.35 MHz frequency band for 180 days from May 13, 2004 through and including November 8, 2004.

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**SAT-STA-20040325-00069** E SES Americom, Inc.  
Date Filed: 03/25/2004 13:18:41:25000  
Special Temporary Authority

SES AMERICOM, Inc. has filed a request for a thirty-day extension of its special temporary authority (STA) to test its AMC-10 spacecraft at 146° W.L. AMC-10 is a C-band replacement satellite for Satcom C-4 at 135° W.L. The original testing authority was granted in File No. SAT-STA-20031219-00363 for a period of sixty days commencing with the launch of AMC-10, and expires on April 5, 2004. SES AMERICOM requests a brief extension of the testing authority to permit AMC-10 to remain at 146° W.L. until after the end of the current eclipse period.

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For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 202-418-2555.