



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-00475

Friday October 5, 2007

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.

SAT-LOA-20070622-00085 E S2738 EchoStar Satellite Operating Corporation
Date Filed: 06/22/2007 18:16:02:62300
Launch and Operating Authority

EchoStar Satellite Operating Corporation (EchoStar) has filed an application for authority to launch and operate the EchoStar 11 satellite at the 110.0° W.L. orbital location. The request does not seek additional Direct Broadcast Service (DBS) frequencies and/or orbital locations. EchoStar 11 is a CONUS-beam satellite that will operate in the 12.2-12.7 GHz downlink and the 17.3-17.8 GHz uplink frequency bands. Telemetry, tracking, and control (TT&C) for EchoStar 11 will be operated at the edges of the service bands. EchoStar requests a waiver of the cross-polarization isolation requirements set forth in Sections 25.215 and 25.210(i) of the Commission's rules, to operate EchoStar 11 with minimum cross-polarization isolation within its coverage area of 28.8 dB. EchoStar also proposes to transmit Earth exploration images in the space-to-Earth direction on the 12.208 GHz frequency, and seeks a waiver for non-conforming use of the 12.2-12.7 GHz frequency band, to the extent necessary to do so.

SAT-MOD-20070531-00076 E S2103 ORBCOMM License Corp.
Date Filed: 05/31/2007 13:44:21:72600
Modification

Orbcomm License Corp. (Orbcomm) filed an application to modify its non-voice, non-geostationary satellite mobile satellite service (Little LEO) system. See IBFS File No. SAT-MOD-19990318-00029 (current authorization). Orbcomm seeks to construct, launch and operate 25 satellites to replenish, augment, and enhance its system.

Orbcomm proposes to launch its 25 new satellites in two phases. The first phase will consist of seven satellites launched to a circular orbit at an initial altitude of 670 kilometers, where Orbcomm will test the satellites and integrate operations with Orbcomm's previously authorized constellation. The satellites will then be raised to a circular orbital plane inclined at 48.5° at an altitude of 750 kilometers. The second phase will consist of 18 satellites to be deployed to three planes of six satellites each, inclined in a circular orbit at 48.5° at an altitude of 750 kilometers.

Orbcomm requests authority to construct and launch its 25 new satellites with the capability to operate using additional frequencies. Orbcomm indicates that the satellites will be capable of receiving frequencies from 161 MHz to 163 MHz, and would initially operate by receiving Automatic Identification Signals (AIS) in VHF maritime frequencies 161.976 MHz and 162.026 MHz, a capability developed under a contract with the U.S. Coast Guard. Orbcomm also requests authority to operate in all the allocated Little LEO frequencies, including portions of frequency sub-bands assigned to the "System 1," "System 2," and "System 3" Little LEO systems described in Amendment of Part 25 of the Commission's Rules to Establish Rules and Policies Pertaining to the Second Processing Round of the Non-Voice, Non-Geostationary Mobile Satellite Service, Report and Order, 13 FCC Rcd 9111, 9123 (1997).

Orbcomm seeks a waiver of Commission rules, to the extent necessary, in order to use additional Little LEO frequency sub-bands and AIS monitoring capabilities.

SAT-STA-20070926-00133 E S2653 EchoStar Satellite Operating Corporation

Date Filed: 09/26/2007 14:19:02:62300

Special Temporary Authority

On September 26, 2007, EchoStar Satellite Operating Corporation filed a request for a 180-day extension of special temporary authority to operate Direct Broadcast Satellite service over channels 23 and 24 at the 61.5° W.L. orbital location. EchoStar requests that the extension be granted subject to the same temporary suspension of customer notification and programming conditions that the International Bureau first approved on February 2, 2007, and extended on April 4, 2007. See DA 0-518; SAT-STA-20070329-00058.

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