



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-00999

Friday February 28, 2014

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-MOD-20080701-00140 E S2110 Iridium Constellation LLC
Date Filed: 07/01/2008 17:14:31:72300
Modification

Iridium Constellation LLC requests modification of its license for a "Big LEO" non-geostationary orbit Mobile-Satellite Service constellation to alter the post-mission disposal plan for its space stations. Iridium's license requires decommissioned Iridium satellites to be placed into a disposal orbit with a perigee of approximately 250 kilometers, from which atmospheric re-entry would be expected within one year. Iridium proposes to modify the requirement to allow decommissioned satellites to be placed in an orbit with a perigee altitude of 600 kilometers, which Iridium says will result in re-entry into the atmosphere within 25 years.

SAT-MOD-20101001-00207 E S2110 Iridium Constellation LLC
Date Filed: 10/01/2010 17:38:04:87600
Modification

Iridium Constellation LLC requests to renew the license for its "Big LEO" non-geostationary orbit space-station Mobile-Satellite Service constellation for an additional 15 years, starting from the current expiration date, November 1, 2013.

SAT-MOD-20131227-00148 E S2110 Iridium Constellation LLC
Date Filed: 12/27/2013 16:13:35:40300
Modification

Iridium Constellation LLC requests modification of its license for a "Big LEO" non-geostationary orbit Mobile-Satellite Service constellation to launch and operate its Iridium NEXT second-generation satellite system. The new system would consist of 66 in-orbit satellites to be substituted for the current 66-satellite constellation. The new satellites would operate in frequency bands authorized to the current constellation: (1) service links in the 1617.775-1626.5 MHz (space-to-Earth, Earth-to-space) frequency band; (2) feeder downlinks and telemetry and tracking functions in the 19.4-19.6 GHz (space-to-Earth) frequency band; (3) feeder uplinks and tracking and command functions in the 29.1-29.3 GHz (Earth-to-space) frequency band; and (4) inter-satellite links in the 23.18-23.38 GHz frequency band. The new system would also receive Automatic Dependent Surveillance Broadcast signals on a center frequency of 1090 MHz and relay information concerning those signals to other satellites in the 23.18-23.38 GHz frequency band and to the ground in the 19.4-19.6 GHz frequency band. As part of its request, Iridium seeks waivers of Sections 25.114(c)(4)(vi), 25.114(c)(4)(vii), 25.114(d)(14)(ii), 25.202(g), 25.210(i)(1), and 25.283(c) of the Commission's rules.

Date Filed: 02/07/2014 16:27:40:46000

Modification

SES Americom, Inc. seeks to modify its authorization for its AMC-2 space station at the 80.85° W.L. orbital location to permit reorientation of the satellite towards North America, rather than its current orientation towards South America. SES Americom states AMC-2 will continue to provide Fixed-Satellite Service, including direct-to-home service, at 80.85° W.L. in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. SES Americom will also continue to conduct telemetry, tracking, and command operations to maintain AMC-2 at 80.85° W.L. with an east-west stationkeeping volume of +/- 0.15 degrees using the following center frequencies: 3700.5 MHz (space-to-Earth), 4199.5 MHz (space-to-Earth), and 6423.5 MHz (Earth-to-space). In addition, SES Americom requests to use a new telemetry, tracking, and command center frequency of 12.198 GHz (space-to-Earth). As part of its request, SES Americom seeks waivers of Sections 25.210(j), Section 25.114(c)(4), and 25.114(d)(3) of the Commission's rules.

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