



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SAT-01041

Friday September 19, 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.

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**SAT-MOD-20140730-00089** E S2445 SES Americom, Inc.  
Date Filed: 07/30/2014 15:07:15:08300  
Modification

SES Americom, Inc. seeks to modify the authorization for its AMC-1 space station in order to specify operations at the 47.5° W.L. orbital location, rather than its currently licensed location at 103° W.L. SES seeks authority to: (1) operate AMC-1 at 47.5° W.L., with an east-west stationkeeping tolerance of +/- 0.15 degrees, to provide fixed-satellite service 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, and (2) seeks authority to provide direct-to-home (DTH) FSS to the United States in the 11.7-12.2 GHz (space-to-Earth) frequency band. In addition, SES requests authority to conduct telemetry, tracking and telecommand operations necessary to effect the drift of AMC-1 from 103° W.L. to 47.5° W.L., and to maintain AMC-1 upon its arrival at the 47.5° W.L. orbital location using the following center frequencies: 3700.5 MHz (space-to-Earth), 4199.5 MHz (space-to-Earth), 12.198 GHz (space-to-Earth), and 6423.5 MHz (Earth-to-space). SES will operate AMC-1 under Netherlands International Telecommunication Union satellite network filings and coordination agreements. AMC-1 will be co-located with the NSS-806 space station at the 47.5° W.L. orbital location. In connection with this request, SES seeks waivers of Sections 25.114(d)(3), 25.202(g), and 25.210(j) of the Commission's rules and continued waivers of Sections 25.114(d)(14)(ii) and 25.283(c) of the Commission's rules that were granted in its current authorization (IBFS File No. SAT-MOD-20110718-00130, granted Oct. 13, 2012).

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**SAT-MOD-20140912-00100** E S2912 Planet Labs Inc.  
Date Filed: 09/12/2014 20:22:58:02300  
Modification

Planet Labs Inc. requests modification of its authorization to operate a non-geostationary orbit Earth Exploration Satellite Service system. Planet Labs requests authority to continuously maintain and operate a constellation of up to 56 technically identical satellites at an altitude of between 380 and 410 kilometers. Each satellite will be deployed from the International Space Station and has an expected in-orbit lifetime of approximately 7 months. Planet Labs requests authority to launch a total of up to 500 technically identical satellites over the next 10 years in order to maintain this constellation. All satellites will transmit remote-sensing and telemetry data to fixed earth stations in the 8025-8400 MHz frequency band, receive command signals in the 2025-2110 MHz band, and use the 401-402 MHz and 449.75-450.25 MHz bands for early-phase and emergency-backup telemetry, tracking, and command operations.

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