

Date & Time Filed: Aug 18 2003 4:07:58:923PM  
File Number: SAT-AMD-20030818-00156

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD - MAIN FORM	FCC Use Only
FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Amend Galaxy I(H) to operate as C-band only

1-8. Legal Name of Applicant

<b>Name:</b>	PanAmSat Licensee Corp.	<b>Phone Number:</b>	203-210-8000
<b>DBA Name:</b>		<b>Fax Number:</b>	203-210-8001
<b>Street:</b>	20 Westport Road	<b>E-Mail:</b>	
<b>City:</b>	Wilton	<b>State:</b>	CT
<b>Country:</b>	USA	<b>Zipcode:</b>	06897
<b>Attention:</b>	Mr James W Cuminale Esq		

*See:  
SAT-LoA-19991207-00119  
SAT-AMD-20021029-00199  
SAT-AMD-20031103-00320  
SAT-AMD-20040603-00111*



File # SAT-AMD-20030818-00156  
With attached conditions  
Call in 52387 Grant Date Aug 11, 2004

Term Date  
*see conditions* **Per** *see conditions*  
Approved: [Signature] Chief Satellite  
Robert G. Nelson Engineering Branch

**Attachment**  
**Conditions of Authorization**  
**August 11, 2004**

1. PanAmSat Licensee Corp.'s ("PanAmSat") application, SAT-LOA-19991207-00119 as amended by SAT-AMD-20021029-00199, SAT-AMD-20030818-00156, SAT-AMD-20031103-00320 and SAT-AMD-20040603-00111 IS GRANTED to the following extent, in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Commission's Rules.

- a. PanAmSat IS GRANTED authority to construct and launch a satellite at the 133.0° W.L. orbital location capable of operating in the following frequency bands: 5925 – 6425 MHz (Earth-to-space) and 3700 – 4200 MHz band (space-to-Earth); 6629.02 - 6649.52 MHz and 6680.17 - 6700.67 MHz (Earth-to-space); 1166.20 - 1186.70 MHz and 1565.17 – 1585.67 MHz (space-to-Earth)<sup>1</sup>.
- b. PanAmSat IS GRANTED authority to operate a satellite at the 133.0° W.L. orbital location, GALAXY-XV call sign S2387, in the 5925 – 6425 MHz band for uplink (Earth-to-space) transmissions, and in the 3700 – 4200 MHz band for downlink (space-to-earth) transmissions.

2. PanAmSat shall maintain control over TT&C operations in connection with any operations of the satellite, including any operations using the 6629.02 - 6649.52 MHz and 6680.17 - 6700.67 MHz (Earth-to-space); 1166.20 - 1186.70 MHz and 1565.17 – 1585.67 MHz (space-to-Earth) frequency bands. Such control shall include the ability to discontinue or alter any such operations.

3. The GALAXY-XV satellite shall maintain the 133.0° W.L orbital location within  $\pm 0.05^\circ$  longitudinal station-keeping. See 47 CFR 25.210(j)(2).

4. PanAmSat 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. PanAmSat shall be held responsible for all cost recovery fees associated with these ITU filings. We also note that 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).

5. In order to ensure continuity of service the GALAXY-XV must begin providing service contemporaneously with the discontinuation of service of the satellite it

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<sup>1</sup> See SAT-AMD-20040706-00129, Application of Lockheed Martin Corporation For Authority to Launch and Operate a Global System of Geostationary Orbit Satellites in the Radionavigation Satellite Service.

is replacing at the 133° W.L. orbital location in the 5925 – 6425 MHz (Earth-to-space) and 3700 – 4200 MHz band (space-to-Earth) frequency bands.

6. The license term for the GALAXY-XV satellite, callsign S2387, is fifteen years and will begin to run on the date that PanAmSat certifies to the Commission that the satellite has been successfully placed into orbit and its operation fully conforms to the terms and conditions of this authorization.

7. PanAmSat must provide a written statement to the Commission within 60 days of the date of this grant that identifies any known satellites located at, or planned to be located at, PanAmSat's assigned orbital location, or assigned in the vicinity of that location such that the station-keeping volume of the respective satellites might overlap, and that states the measures that will be taken to prevent in-orbit collisions with such satellites. This statement should address any licensed FCC systems, or any systems applied for and under consideration by the FCC. The statement need not address every filing with the ITU that meets these criteria, but should assess and address any systems reflected in ITU filings that are in operation or that PanAmSat believes may be progressing toward launch, e.g. by the appearance of the system on a launch vehicle manifest. If PanAmSat elects to rely on coordination with other operators to prevent in-orbit collisions, it shall provide a statement as to the manner in which such coordination will be effected.

8. PanAmSat is afforded thirty days from the date of release of this grant and authorization to decline this authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the authorization as conditioned.

9. This Grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release. Petitions for reconsideration under Section 1.106 or applications for review under Section 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be filed within 30 days of the date of the public notice indicating that this action was taken.