



File # SAT-STA - 20030723-00135
With Attached Conditions
Call Sign S2386 Grant Date October 14, 2003
(or other identifier)

REQUEST FOR SPECIAL TEMPORARY AUTHORITY TO CONDUCT IN-ORBIT TESTING
Term Dates From 10/14/2003 To: 11/13/2003

PanAmSat Licensee Corp. ("PanAmSat"), pursuant to Section 25.120 of the Commission's Rules,¹ hereby requests Special Temporary Authority ("STA") to conduct in-orbit testing ("IOT") at 144.5° W.L. of the C-band payload on Galaxy XIII.² PanAmSat seeks STA for a period of thirty (30) days beginning on the date the spacecraft arrives at that orbital location.³

PanAmSat has a pending application requesting authority to launch and operate the C-band payload on Galaxy XIII as a replacement satellite at 127° W.L.⁴ PanAmSat proposes to operate the spacecraft temporarily at 144.5° W.L. in order to perform C-band IOT. With the successful completion of IOT, PanAmSat will relocate Galaxy XIII to 127° W.L.

PanAmSat's STA request is supported by good cause. Grant of the request will enable PanAmSat to complete IOT for Galaxy XIII without disrupting ongoing services at 127° W.L. Such continuity of service is unquestionably in the public interest.

Moreover, grant of the requested STA would present no risk of interference to other authorized users. The nearest adjacent satellites operating in C-band are Inmarsat-2 F3 at 142° W.L.,⁵ operated by Inmarsat, and AMC-8 at 139° W.L., operated by SES Americom. PanAmSat has successfully completed coordination with both Inmarsat and SES Americom. A copy of this STA request is being served on representatives of both these operators.

Accordingly, and for good cause shown, PanAmSat respectfully requests an STA for a period of thirty (30) days to conduct IOT at 144.5° W.L. of the C-band payload on Galaxy XIII. Questions with respect to this matter should be directed to Joseph A. Godles or Michael A. McCoin, PanAmSat's counsel.

¹ 47 C.F.R. § 25.120

² For purposes of this request, C-band refers to the 5925 - 6425 MHz (uplink) and 3700 - 4200 MHz (downlink).

³ The Galaxy XIII launch is currently scheduled for September 27, 2003. IOT is expected to commence approximately two weeks after launch.

⁴ See File Nos. SAT-AMD-20030228-00020 and SAT-LOA-19991207-00118. As the Commission is aware, Japan has licensed the Ku-band payload on Galaxy XIII, to be known as Horizons I, to Horizons Satellite LLC ("Horizons LLC"), which is a joint venture between affiliates of JSAT Corporation and PanAmSat. Horizons LLC has filed a request to add Horizons I to the permitted space station list. See Public Notice, Report No. SAT-00137, Feb. 24, 2003. PanAmSat is not seeking authority from the Commission to conduct IOT on the Ku-band/Horizons I payload. Horizons LLC will conduct this IOT under its authority from Japan.

⁵ Inmarsat-2 F3 uses, for TT&C purposes, 10 MHz of C-band on the uplink and downlink.

Attachment

This grant of special temporary authority is subject to the following conditions, as well as PanAmSat Licensee Corp. conducting its testing in accordance with its STA request.

- 1) PanAmSat Licensee Corp. shall coordinate with existing geostationary satellites to ensure that no unacceptable interference results from its in-orbit testing operations;
- 2) In the event that any unacceptable interference does occur, PanAmSat Licensee Corp. shall cease operations until the issue is rectified; and
- 3) Any actions taken as a result of the in-orbit testing authority ARE SOLELY AT PANAMSAT LICENSEE CORP.'S OWN RISK.