



Federal Communications Commission
Washington, DC 20554

International Bureau

May 21, 2004

Mr. Kalpak S Gude Esq
PanAmSat Licensee Corp.
1801 K Street, N.W.
Suite 440
Washington, DC 20006

Re: Application of PanAmSat Licensee Corp. for Authority to Launch,
and Operate a Replacement C-band Fixed-Satellite Service Space
Station, Galaxy XV, Call Sign S2387 File No. SAT-AMD-
20031103-00320.

Dear Mr. Gude:

On November 3, 2003, PanAmSat Licensee Corp. ("Panamsat") filed an amendment to its pending applications for its replacement satellite Galaxy XV. For the reasons discussed below, we find that additional information is needed before we can complete our review of the amendment.

The Commission requires all applications for space station licenses to be substantially complete when they are filed. Applications that are not substantially complete are returned to the applicant without further processing.¹ The Commission's Part 25 Rules set forth various information requirements that applicants must provide in their space station applications.² In particular, for applicants requesting launch and operating authority for space stations in the Fixed-Satellite Service (FSS), Section 25.140 of the Commission's rules requires, among other things, an interference analysis.³ The interference analysis must demonstrate that the proposed FSS satellite system will be compatible with the Commission's two-degree orbital spacing environment. On December 3, 2003, the International Bureau released a Public Notice concerning this analysis.⁴ The public notice clarified the types of showings that must be provided and

¹ See e.g., Amendment of the Commission's Space Station Licensing Rules and Policies, *First Report and Order and Further Notice of Proposed Rulemaking*, IB Docket No. 02-34, 18 FCC Rcd 10760, 10852 (para. 244) (2003), citing Amendment of the Commission's Space Station Licensing Rules and Policies, *Notice of Proposed Rulemaking*, IB Docket No. 02-34, 17 FCC Rcd 3847, 3875 (para. 84) (2002).

² See 47 C.F.R. Part 25.

³ 47 C.F.R. § 25.140(b)(2).

⁴ See Clarification of 47 C.F.R. § 25.140(b)(2), Space Station Application Interference Analysis, Public Notice No. SPB-195, DA 03-3863, December 3, 2003.

stated that applications filed prior to the December 3, 2003 not meeting the requirements may be subject to a request for further information.

The interference analysis applicable to your November 2003 amendment is subject to the method delineated under option 3 of the public notice. Pursuant to Option 3, the interference analysis must provide an analysis showing the potential of interference into and from carriers of adjacent satellites with a spacing of 2 degrees.⁵ This analysis must include the r.f. characteristics of both interfering and interfered with carriers, as well as the resulting interference potential, such that the Commission or other applicants in the future course of consideration of these applications can complete the analysis.⁶ This information was not provided in the application.

To proceed in processing the application, an interference analysis containing this information must be supplied to the Commission within 30 days of the date of this letter. If this analysis is not received within 30 days, PanAmSat Licensee Corp.'s amendment, File No. SAT-AMD-20031103-00320, will be dismissed without prejudice as incomplete.

Sincerely,



Robert G. Nelson
Chief Engineering Branch
Satellite Division
International Bureau

cc: Joseph A. Godles, Esq.
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⁵ See Section 25.140 of the Commission's rules, 47 C.F.R. §25.140. See also *Licensing of Space Stations in the Domestic Fixed-Satellite Service and Related Revisions of Part 25 of the Rules and Regulations*, Report and Order, CC Docket No. 81-704, FCC 83-184, 54 Rad. Reg. 2d 577 (released Aug. 16, 1983); summary printed in *Licensing Space Stations in the Domestic Fixed-Satellite Service*, 48 F.R. 40233 (Sept. 6, 1983) (*Two Degree Spacing Order*).

⁶ Submission of the tabular results generated by the Sharp, Adjacent Satellite Interference Analysis (ASIA) program meet the requirement for this analysis.