

November 11 , 2010

Mr. Robert G. Nelson  
Chief, Satellite Division  
International Bureau  
Federal Communications Commission  
Washington, D.C. 20554

Re: Hispamar Satellites, S.A. IBFS File Nos. Sat-PPL-  
20090806-00081; SAT-PPL-20100506-00093  
(call sign S2813)

Dear Mr. Nelson,

This responds to your letter dated November 4, 2010. The actions requested in your letter are indicated below .

Further to the information provided in our letter of October 4, 2010, the information on the mass of any sealed pressurant that will be left in the Amazonas-2 satellite network at the end of life and the volume in which that mass is contained is in the table below

Mass in Pressurant Tank (kg)	Volume (m <sup>3</sup> )
1.258	0.18

Consequently, the inaccurate information will be corrected regarding fuel venting that is contained in our original application <sup>1</sup> to add Amazonas-2 to the Permitted List as follows:

“the E3000 design allows removing the chemical stored energy by depleting the chemical propulsion tanks. Albeit the E3000 design does not allow to completely depressurize the pressurant tank, however, the remaining pressure (30 bars) is far below the burst pressure (625 bars); in addition, the pressurant tank is located inside the central cylinder, well protected from external impact. Further, the E3000 design allows removal of the electrical stored energy by discharging the batteries and actuating the batteries bypasses. EADS concludes that with such conditions the FCC concerns and objectives are met. Where the mass of any sealed pressurant that will be left in the Amazonas-2 at the end of life and the volume in which that mass is contained will be

Mass in Pressurant Tank (kg)	Volume (m <sup>3</sup> )
1.258	0.18

A copy of the amended venting information will be uploaded as a supplemental filing in IBS File No. SAT-PPL-20090806-00081.

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<sup>1</sup> IBFS file No. SAT-PPL- 20090806-00081, Section 25.114 (d) Technical Information §14

Finally, the mention of the frequencies 10.95-11.2 GHz and 13.75-14.0 GHz of the extended Ku-band is only for the purpose of informing that these frequencies are also operated by this satellite. It was never the intention to include these frequencies in the request to provide DTH. So, it is confirmed that the frequencies 10.95-11.2 GHz and 13.75-14.0 GHz are not being requested to provide DTH.

We believe that this letter properly addresses the issues that were contained in your latest letter. Please let me know if you need any additional information or clarification.

We look forward to receiving your response and to getting the authorizations that are still pending.

Respectfully submitted,

Don Jansky  
Consultant to Hispamar/Hispasat