

To: Stephen Gillespie
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From: Doug Young
Date: March 13, 2017

Subject: Request for Info - File #0016-EX-CN-2016

Message:

The FCC's International Bureau/Satellite Division (IB/SD) would like you to address the following issues:

IB/SD has reviewed the subject request (updates and new operating frequencies) and we have the following comments/questions:

First, we want to thank the applicant for their addressing our concerns.

Review of SpaceCap API:

On the DWNLINK beam, group id # 8 and group id #9 (2247.5 MHz and 2265.1 MHz bands), the earth station receive antenna noise temperature value is 4067 degrees. Is this temperature value correct? We also note that for group id # 2 (1282.5 MHz band) the earth station receive antenna noise temperature is 410 degrees. Please verify and confirm the noise temperature value.

NOTE: applicant be aware that in previous satellite filing to the ITU BR, if the satellite is planning to use a frequency band that is properly allocated for the type of service (indicated by the class of station) then the BR has indicated that administrations cannot claim RR 4.4 to avoid coordination and has required the USA to file a CR/C (coordination request) instead of an API. We want to bring this to your attention in case the BR make this conclusion on some of the frequency bands filed in this request.

Global Star SpaceCap API entry:

In previous experimental satellite filing to the ITU BR, for this G.S. link it had a class of station of an Inter-Satellite link code ES; we notice that this filing has it code as EH (space research). We can okay with submitting the filing as is.

Other pending items:

We note the ongoing coordination with EchoStar in the frequency band 2005.625 MHz band. Please keep us inform on the ongoing effort and please provide us with conditions/restrictions once you have reached an agreement with EchoStar. We will need to add any conditions agreed in the Grant.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of March 13, 2017 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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Responses to this correspondence must contain the Reference number : 36050