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ExParte

Nicholas Spina <nspina@keplercommunications.com>

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To: Jose Albuquerque <jose.albuquerque@fcc.gov>, Karl Kensinger <Karl.Kensinger@fcc.gov>, Cindy Spiers <Cindy.Spiers@fcc.gov>, Stephen Duall <stephen.duall@fcc.gov>

Dear Jose,

I wanted to thank you for meeting with me this week and have compiled an ex parte based on the discussion. For some reason I am not able to access the MyIBFS website as it keeps giving me an error.

I have attached a copy and will try to submit it Monday.

In brief response to the outstanding questions:

- The assessment is done using 6U cross sectional areas as they do not impact the collision risk (given the size of the threat ellipsoid) and the orbital lifetime is more conservative.
- The 3U cross sections remain as presented in our previous ODAR
- The inclination used was assessed based on the the standard SSO inclinations. Ultimately the inclination range that we are looking at +- 1 degree and anything from 92 degrees and up does not affect the results.
- The assumed 4.9 years life is overly conservative. It is *assumed* because there is no fixed orbit lifetime based on the varying injection altitudes and other variables that have to be factored in.
- We clarified that the change in size does not affect our market access request as nothing changes from an emission perspective. In essence we are slapping larger solar panels on a bigger chunk of metal to power a faster on board computer. The antenna's remain the same in Ku.

Please let me know if you have any questions or if anything is outstanding.

Have a good weekend,

Nick

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