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BY ELECTRONIC FILING

Mr. Jose P. Albuquerque
Chief, Satellite Division
International Bureau
Federal Communications Commission
Washington, D.C. 20554

Re: Spaceflight, Inc.
Requests for Special Temporary Authority
IBFS File Nos. SAT-STA-20150821-00060,
SES-STA-20150824-00549, SES-STA-20150824-
00550, and SES-STA-20150824-00551

Dear Mr. Albuquerque:

Spaceflight, Inc. ("Spaceflight"), by its counsel, hereby provides additional technical information and clarifications relating to its above-referenced pending applications for Special Temporary Authority ("STA") to communicate with its SHERPA spacecraft.

The output power of the SHERPA onboard transmitter is 2 W, which is equal to 33 dBm. This is consistent with the information submitted in the initial SHERPA space station STA request.

In the same request, the ERP was stated to be 2.07 W. This value was generated using optimistic assumptions for antenna performance and did not account for the implementation loss between the onboard transmitter and the antenna.

Since the original applications were submitted, manufacturing has been completed and as-manufactured data on the system has resulted in more accurate line-loss predictions. We thus update the ERP value to be 1.1 W, which would be 2.8 dB less than originally stated.

Based upon the design of the antenna, the antenna gain will not exceed 2.0 dBi. We note that the actual gain in practice will very likely to be less than this value, such that 2.0 dBi is a conservative assessment

Please direct any further questions with regard to the SHERPA mission to the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jonathan L. Wiener". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jonathan L. Wiener
Counsel to Spaceflight, Inc.

cc: Stephen Duall
Merissa Velez
Jose Trevino
Paul Blais