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September 23, 2014

BY ELECTRONIC FILING

Paul Blais
System Analysis Branch, Satellite Division
International Bureau
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

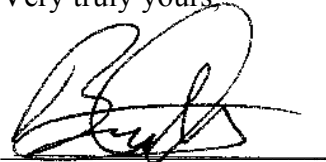
Re: **IBFS File No. SES-LIC-20140922-00748**
Supplement to add satellite coordination letter for SES-1

Dear Mr. Blais,

Please find attached a satellite operator coordination letter from SES Americom, Inc., operator of satellite SES-1, to be included as a supplement to the above-captioned application of The Boeing Company (“Boeing”) for authority to operate up to 100 Earth Stations Aboard Aircraft (“ESAA”).¹

As explained in the application, pursuant to Sections 25.227(a)(3)(ii) and 25.227(b)(3)(ii) of the Commission’s rules, Boeing included letters from the operators of most of its target satellites certifying to the information required by the Commission’s rules, including the fact that the aggregate ESD limits that the Boeing ESAA system adheres to are consistent with the coordination agreements between the target satellite operator and the operators of adjacent satellite systems within 6 degrees of orbital separation.² The attached is another of these letters.

Very truly yours,



Bruce A. Olcott

¹ Application of The Boeing Company for Authority to Operate Up to 100 Earth Stations Aboard Aircraft, File No. SES-LIC-20140922-00748 (Filed Sep. 22, 2014) (“*Boeing ESAA Application*”).

² See *Boeing ESAA Application* at 16.



Ron Guzdar
Project Manager
Boeing Broadband SatCom Network
The Boeing Company
P.O. Box 3707
Seattle, WA 98124-2207

September 23, 2014

Re: Satellite Operator Coordination Certification of Boeing Earth Station Aboard Aircraft (ESAA) License Application.

Dear Mr. Guzdar,

SES Americom, Inc. ("SES") confirms and hereby certifies the following with respect to the operations proposed in the above referenced application:

- (a) The proposed Ku-band Earth Station Aboard Aircraft (ESAA) operation of The Boeing Company has the potential to create harmful interference to satellite networks adjacent to the target satellite(s) that may be unacceptable;
- (b) The uplink off-axis EIRP density levels and downlink EIRP density levels at which Boeing plans to operate, which were provided to SES in a letter dated 22 September 2014 from Paulus J. Martens of The Boeing Company, are consistent with the existing coordination agreements for the SES-1 satellite and the adjacent satellite networks within 6 degrees of orbital separation from the SES-1 satellite, and
- (c) The EIRP density levels of the proposed ESAA operations will be included in future coordination agreements in accordance with FCC rules and regulations.

Please let us know if additional information is required.

Sincerely,

Kimberly M. Baum
Vice President
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SES Americom, Inc.

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