### SES AMERICOM, INC. SES SATELLITES (GIBRALTAR) LIMITED NEW SKIES SATELLITES B.V. O3B LIMITED

#### PART 1: 47 CFR §25.170(a)

As of May 31, 2018, SES Americom, Inc., SES Satellites (Gibraltar) Limited and New Skies Satellites B.V. have no new transponder failures to report.<sup>1</sup> However, power constraints resulting from solar array failures on a number of satellites as well as a power subsystem failure on a separate satellite may limit the total number of transponders that can be operated simultaneously on these satellites. The actual reduction in the number of operational transponders depends on the number of solar array failures as well as the traffic loading on each of those satellites.

O3b Limited has nothing to report for SES' Medium Earth Orbit Non-Geostationary Orbit Constellation, which continues to perform to specifications as of May 31, 2018.

<sup>&</sup>lt;sup>1</sup> As SES previously notified the Commission, on June 17, 2017, the AMC-9 satellite assigned to 83° W.L. experienced an anomaly of unknown origin. The satellite was reorbited under Special Temporary Authority beginning in October 2017.

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## PART 2: 47 CFR §25.170(b)

# **Interference Contacts**

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### PART 3: 47 CFR §25.170(c)

On July 12, 2016, SES Satellites (Gibraltar) Limited received authority to access the U.S. market using its SES-15 space station.<sup>2</sup> The satellite was successfully launched on May 18, 2017 and commenced operation on January 1, 2018.

On December 7, 2016, the Commission issued SES Americom, Inc. a license to operate SES-11 at the nominal 105° W.L. orbital location to replace the Ku-band capacity of AMC-15 and granted U.S. market access for the Gibraltar-licensed C-band payload on SES-11, which will replace the AMC-18 satellite.<sup>3</sup> The satellite commenced operations on November 22, 2017.

<sup>&</sup>lt;sup>2</sup> See File No. SAT-PPL-20160126-00007, granted July 12, 2016. See also File No. SAT-MPL-20160718-00063, granted Dec. 16, 2016 (authorizing U.S. market access for the satellite's Wide Area Augmentation System payload).

<sup>&</sup>lt;sup>3</sup> SES Americom, Inc., File No. SAT-LOA-20160512-00047, filed May 12, 2016; SES Satellites (Gibraltar) Ltd, File No. SAT-PPL-20160512-0048, filed May 12, 2016 (together, the "SES-11 Applications"). These applications were combined under a single call sign, S2964, and granted on December 7, 2016.