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BY ELECTRONIC FILING

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

RE: File No. SAT-AMD-20100309-00040 (Call Sign S2807)
Notification of SES Americom, Inc. pursuant to § 1.65

Dear Ms. Dortch:

SES Americom, Inc. ("SES Americom," doing business as "SES WORLD SKIES"),[1] by its attorneys and pursuant to Section 1.65 of the Commission's rules, hereby updates the above-referenced amendment to the application for the SES-1 satellite (the "SES-1 Amendment") to correct certain typographical and transcription errors. These changes affect the information in the link budgets provided in Tables 2 and 3, and the interference analysis provided in Table 5, of the narrative Technical Appendix attached to the SES-1 Amendment. The corrections to the link budgets also affect the information provided in the link budget attachments to the Schedule S that was filed with the SES-1 Amendment. A description of the corrections is provided below, and copies of the corrected Tables are attached. SES WORLD SKIES requests that the Commission take these corrections into account in processing the SES-1 Amendment.

Tables 2 and 3: The KA_1 column of Tables 2 and 3 is corrected as follows:

- FEC Code Rate (line 6): The FEC Code Rate for the KA_1 Digital Modulation identifier is incorrect in Tables 2 and 3. The correct value is 0.75, rather than 0.50. Note that the correct value for this parameter was provided in Item S11.f of the Schedule S that was filed with the SES-1 Amendment.

[1] On September 7, 2009, SES S.A. announced that the newly integrated operations of its two indirect subsidiaries, New Skies Satellites B.V. and SES Americom, would be conducted under a single brand name, SES WORLD SKIES. The new brand name does not affect the underlying legal entities that hold Commission authorizations or U.S. market access rights.

- Ground station EIRP (dBW) (line 5 of Uplink section). The ground station EIRP value for the KA_1 Digital Modulation identifier is incorrect in Tables 2 and 3. The correct value is 69 dBW, rather than 77.5 dBW. This was a transcription error.

- C/N, dB (line 8 of Uplink section). The value of the C/N (uplink) for the KA_1 Digital Modulation identifier is incorrect in Tables 2 and 3. The correct value for Table 2 is 16.73 dB, rather than 25.23 dB, and the correct value for Table 3 is 13.73 dB, rather than 22.23 dB. This change is a consequence of the corrected value for the ground station EIRP.

- Min C/N down, dB (line 5 of Downlink section). The value of the Min C/N down for the KA_1 Digital Modulation identifier is incorrect in Tables 2 and 3. The correct value for Table 2 is 7.48 dB, rather than 7.06 dB, and the correct value for Table 3 is 8.02 dB, rather than 7.12 dB. This change is a consequence of the corrected value for the ground station EIRP.

- Rain margin to min C/N down (line 8 of Downlink section). The value of the Rain margin to min C/N down for the KA_1 Digital Modulation identifier is incorrect in Tables 2 and 3. The correct value for Table 2 is 7.26 dB, rather than 7.69 dB, and the correct value for Table 3 is 3.72 dB, rather than 4.62 dB. This change is a consequence of the corrected value for the ground station EIRP.

- Availability, % (last 7 lines of Downlink section of Table 2). The location-specific availability numbers in Table 2 have been corrected. The changes are a consequence of the corrected value for the ground station EIRP.

Table 5: Table 5 should be corrected as follows:

- Uplink EIRP, dBW (line 1 of Uplink section). The Uplink EIRP value in the 1M20G1W column is incorrect in Table 5. The correct value is 69 dBW, rather than 77.5 dBW. This change reflects the corrected value for the ground station EIRP in Table 2.

- Uplink EIRP density, dBW/MHz (line 2 of Uplink section). The Uplink EIRP density value in the 1M20G1W column is incorrect in Table 5. The correct value is 68.2 dBW/MHz, rather than 76.7 dBW/MHz. This change is a consequence of the corrected value for the uplink EIRP.

- C/N clear weather, dB (line 13 of Downlink section). The value of C/N clear weather is incorrect in both columns of Table 5. For the 1M20G1W column, the correct value is 14.7 dB, rather than 11.7 dB, and for the 5M50G1W column, the correct value is 11.7 dB, rather than 8.7 dB. This was a transcription error from Table 2.

- C/(N+I), clear weather, dB (second to last line). The value of C/(N+I) clear weather is incorrect in both columns of Table 5. For the 1M20G1W column, the correct value is 10.1 dB, rather than 8.8 dB, and for the 5M50G1W column, the correct value is 7.3 dB, rather than 6 dB. This change is a consequence of the corrected value for C/N clear weather, above.

- C/(N+I), margin, dB (last line). The value of C/(N+I) margin is incorrect in both columns of Table 5. For the 1M20G1W column, the correct value is 5.4 dB, rather than 4.1 dB, and for the 5M50G1W column, the correct value is 6 dB, rather than 4.7 dB. This change is a consequence of the corrected value for C/N clear weather, above.

Corrected copies of Tables 2, 3, and 5 are provided in Attachment A hereto, with corrected numbers underlined and erroneous numbers shown with strike-through.

Please direct any questions regarding this submission to the undersigned.

Respectfully submitted,

/s/ Karis A. Hastings

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Table 2. Typical link budgets –CONUS and Alaska

Parameter	KA_1	KA_2
Carrier designation	1M20G1W	5M50G1W
Throughput rate, Mbps	1.43	4.75
Required bandwidth, MHz	1.20	5.50
Allocated bandwidth, MHz	1.20	5.50
FEC code rate	0.75 ~~0.50~~	0.50
C/N required, dB	4.70	1.28
Faded system margin, dB	0.50	0.50
Uplink		
Transmit Power (dBW)	4.00	10.50
Antenna diameter	9.00	9.00
Antenna Gain (dBi)	65.00	65.00
TxES antenna input power density, dBW/MHz	3.21	3.10
Ground Station EIRP (dBW)	69.00 ~~77.50~~	75.50
Uplink Rain Loss (dB)	0.00	0.00
Satellite G/T (dB/K)	-9.00	-8.00
C/N, dB	16.73 ~~25.23~~	17.24
C/I(X-pol uplink), dB	30.00	30.00
Downlinks:		
Satellite Carrier EIRP (dBW)	34.00	34.00
Ground station antenna dia, m	0.95	1.50
Ground Station G/T (dB/K)	20.90	24.87
C/N(clear weather), dB	14.74	11.72
Min C/N down, dB	7.48 ~~7.06~~	2.65
C/I(ASI), dB	10.00	10.00
C/I(total), dB	9.91	9.91
Rain margin to min C/N down, dB	7.26 ~~7.69~~	9.07
Availability, %		
BIRMINGHAM AL	99.10% ~~99.21%~~	99.71%
LITTLE ROCK AR	99.16% ~~99.27%~~	99.75%
DENVER CO	99.87% ~~99.90%~~	99.97%
WASHINGTON DC	99.38% ~~99.50%~~	99.83%
MIAMI FL	99.28% ~~99.36%~~	99.55%
LOS ANGELES CA	99.97% ~~99.98%~~	99.99%
MOBILE AL	98.93% ~~99.07%~~	99.63%

Table 3. Typical link budgets –Hawaii

Parameter	KA_1	KA_2
Carrier designation	1M20G1W	5M50G1W
Throughput rate, Mbps	1.43	4.75
Required bandwidth, MHz	1.20	5.50
Allocated bandwidth, MHz	1.20	5.50
FEC code rate	0.75 ~~0.50~~	0.50
C/N required, dB	4.70	1.28
Faded system margin, dB	0.50	0.50
Uplink		
Transmit Power (dBW)	4.00	10.50
Antenna diameter	9.00	9.00
Antenna Gain (dBi)	65.00	65.00
TxES antenna input power density, dBW/MHz	3.21	3.10
Ground Station EIRP (dBW)	69.00 ~~77.50~~	75.50
Uplink Rain Loss (dB)	0.00	0.00
Satellite G/T (dB/K)	-12.00	-12.00
C/N, dB	13.73 ~~22.23~~	13.24
C/I(X-pol uplink), dB	30.00	30.00
Downlinks:		
Satellite Carrier EIRP (dBW)	31.00	31.00
Ground station antenna dia, m	0.95	1.50
Ground Station G/T (dB/K)	20.90	24.87
C/N(clear weather), dB	11.74	8.72
Min C/N down, dB	8.02 ~~7.12~~	2.88
C/I(ASI), dB	10.00	10.00
C/I(total), dB	9.91	9.91
Rain margin to min C/N down, dB	3.72 ~~4.62~~	5.84

Table 5. Single-entry interference Analysis (wanted carrier: SES-1)

	1M20G1W	5M50G1W
Bandwidth, MHz	1.2	5.5
Uplink		
Uplink EIRP, dBW	69.0 ~~77.5~~	75.5
Uplink EIRP density, dBW/MHz	68.2 ~~76.7~~	68.1
ASI off-axis EIRP density, dBW/MHz	17.4	17.4
Downlink		
SES Satellite EIRP, dBW	34.0	34.0
SES Satellite EIRP density, dBW/MHz	33.2	26.6
Interfering satellite PFD, dBW/m2/MHz	-115.0	-115.0
Interfering satellite EIRP density, dBW/MHz	48.5	48.5
RxES antenna gain, dBi	41.7	45.7
Geocentric angle of neighboring satellite, deg	4.0	4.0
Topocentric angle (10% greater than geo. Angle)	4.4	4.4
Max satellite station keeping error, deg	0.1	0.1
RxES Pointing error[2], deg	0.5	0.5
Net off-axis angle, deg	3.8	3.8
Sidelobe (29-25 log theta), dB	14.5	14.5
DL C/I, dB	11.9	9.3
C/N clear weather, dB	14.7 ~~11.7~~	11.7 ~~8.7~~
C/(N+I), clear weather, dB	8.8	6.0
Up and downlink		
C/(N+I), clear weather, dB	10.1 ~~8.8~~	7.3 ~~6.0~~
C/(N+I) margin, dB	5.4 ~~4.1~~	6.0 ~~4.7~~