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April 21, 2004

BY HAND DELIVERY

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

Re: Erratum to File No. SAT-AMD-20040319-00041

Dear Ms. Dortch:

SES AMERICOM, Inc., by its attorneys and pursuant to discussions with International Bureau staff, hereby submits an erratum to the above-referenced amendment, which proposes the re-location of AMC-9 to 83° W.L. in early 2005 (the "Amendment"). Attached are corrected pages A-12 through A-14 of the narrative technical appendix of the Amendment, with Tables 20bis, 21bis, 27bis, and 28bis. The numerical data presented in these tables are unchanged. However, SES AMERICOM has corrected typographical errors in the description of certain parameters in the tables, revising the parameter labels to reflect the terminology more typically used in reference to analog carriers. SES AMERICOM requests that the attached pages be substituted for the corresponding pages of the Amendment.

Please direct any questions regarding this submission to the undersigned.

Respectfully submitted,

Karis A. Hastings
Counsel for SES AMERICOM, Inc.

Attachment
cc: Jennifer Gilsenan
Robert Nelson
Kal Krautkramer

Table 20bis

Uplink Link Budget Calculations TV/FM

Parameter	TV/FM
Transmit Power(dBW)	25.10
Transmit Loss (dB)	-0.50
Antenna Gain (dBi)	53.20
Ground Station EIRP (dBW)	77.80
Uplink Rain Loss (dB)	0.00
Free Space Loss (dB)	-200.10
Satellite G/T (dB/K)	-3.10
Bandwidth (dB-Hz)	75.56
Boltzmann's Constant (dBW/K-Hz)	-228.60
C/N (dB)	27.64
C/I (dB)	25.00
Total C/(N + I) (dB)	23.11

Table 21bis

Downlink Link Budget and Overall Calculation TV/FM

Parameter	TV/FM
Satellite Carrier EIRP (dBW)	37.00
Downlink Rain Loss (dB)	-0.50
Free Space Loss (dB)	-196.30
Ground Station G/T (dB/K)	23.70
Bandwidth (dB-Hz)	75.56
Boltzmann's Constant (dBW/K-Hz)	-228.60
C/N (dB)	16.94
C/I (dB)	19.00
C/(N + I) (dB)	14.84
Total UP/DOWN C/(N+I)(dB)	14.24
Required	12.00
Margin	2.24

Table 22

Ku-Band Earth Station Sizes Used in Link Budget Analysis

Carrier Type	Earth Station Diameter Uplink (meters)	Earth Station Diameter Downlink (meters)
TV/FM	6.1	3.7

Table 27bis

Uplink Link Budget Calculations TV/FM

Parameter	TV/FM
Transmit Power(dBW)	22.00
Transmit Loss (dB)	-1.00
Antenna Gain (dBi)	57.20
Ground Station EIRP (dBW)	78.20
Uplink Rain Loss (dB)	-2.00
Free Space Loss (dB)	-207.50
Satellite G/T (dB/K)	-2.00
Bandwidth (dB-Hz)	75.56
Boltzmann's Constant (dBW/K-Hz)	-228.60
C/N (dB)	19.74
C/I (dB)	25.00
Total C/(N + I) (dB)	18.61

Table 28bis

Downlink Link Budget and Overall Calculation TV/FM

Parameter	TV/FM
Satellite Carrier EIRP (dBW)	49.40
Downlink Rain Loss (dB)	-3.00
Free Space Loss (dB)	-206.30
Ground Station G/T (dB/K)	29.36
Bandwidth (dB-Hz)	75.56
Boltzmann's Constant (dBW/K-Hz)	-228.60
C/N (dB)	22.50
C/I (dB)	24.00
C/(N + I) (dB)	20.18
Total UP/DOWN C/(N+I)(dB)	16.31
Required	12.00
Margin	4.31

4.0 Spacecraft Bus Description

4.1 Electrical Power Subsystem

The power subsystem provides electrical power generation, storage, conditioning and distribution to ensure uninterrupted communications services over the life of the mission. The solar array will provide sufficient margin to perform the mission over the spacecraft's 15-year life. The original application for AMC-9 provided the end-of-life power budget. Table 30a below provides the beginning-of-life ("BOL") power budget.