



January 5, 2012

BY ELECTRONIC FILING

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Re: *IBFS File No. SAT-MOD-20111102-00211*

Dear Ms. Dortch:

At the request of the International Bureau staff, DIRECTV Enterprises, LLC (“DIRECTV”) hereby provides supplemental technical information in support of the above referenced application to extend the license of the DIRECTV 4S spacecraft. Specifically, information regarding the approximate amount of residual helium and xenon gas that cannot be vented at the end of operational life is as follows:

TANK	VOLUME (M ³)	PRESSURE (KPA)	TEMP. (° C)	MASS (KG)
HE1	0.0427	1671.4	20	0.0683
HE2	0.0427	1671.4	20	0.0683
XE1	0.0327	1820	20	3.5954
XE2	0.0327	1820	20	3.5927

Should you have any questions, please do not hesitate to contact me.

Respectfully submitted,

/s/

William M. Wiltshire
Counsel for DIRECTV