



March 19, 2010

BY ELECTRONIC FILING

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

Re: *IBFS File No. SES-LIC-20091001-01263*

Dear Ms. Dortch:

In a supplemental submission filed on January 8, 2010, DIRECTV Enterprises, LLC (“DIRECTV”) demonstrated that the 17/24 GHz BSS earth station antenna at DIRECTV’s Northwest Uplink facility (“NWUF”) proposed in the above referenced proceeding would fall below the threshold at which coordination with terrestrial licensees operating in the 24.75-25.15 GHz band would be required.¹ Although coordination is not required at this time, DIRECTV hereby submits information that would facilitate coordination in the future should any terrestrial system seek to operate in closer proximity to the NWUF facility. Specifically, the exhibit attached to this letter includes the information outlined in Section 25.203(b) of the Commission’s rules. As contemplated in that rule, DIRECTV has opted to submit certain information in tabular form rather than as plots on a map.

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

Respectfully submitted,

/s/

William M. Wiltshire
Counsel to DIRECTV Enterprises, LLC

cc: Andrea Kelly
Trang Nguyen

¹ See Letter from William M. Wiltshire to Marlene H. Dortch, IBFS File No. SES-LIC-20091001-01263 (Jan. 8, 2010).

DIRECTV 17/24 GHz Earth Station
Frequency Coordination Data
(3/19/2010)

Earth Station Name, State	Moxee, WA
Latitude (DMS) (NAD83)	46 33 55.1 N
Longitude (DMS) (NAD83)	120 23 56.8 W
Ground Elevation AMSL (Ft/m)	1040.35 / 317.10
Antenna Centerline AGL (Ft/m)	18.00 / 5.49
Transmit Antenna Type	FCC Section 25.209 compliant
25 GHz Gain (dBi) / Diameter (m)	65.4 / 9.2
Modulation	Digital
Emission / Transmit band (MHz)	36M0G7W / 24750.00-25150.00
Max. Available RF Power (dBW/MHz)	2.0
Max. EIRP (dBW/MHz)	67.4
Max Permissible Interference Power	-114 dBW/m ² /MHz
Range of Satellite Arc (Geostationary)	
Degrees Longitude	70.0W / 140.0W
Azimuth Range (Min/Max)	121.0 / 206.0
Corresponding Elevation Angles	17.7 / 33.1

Table of Earth Station Coordination Distances

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Max Permissible Interference Power	-114 dBW/m ² /MHz

Azimuth (Deg)	Horizon Elevation Angle (Deg)	Antenna Disc. Angle (Deg)	Antenna Gain (dBi)	Coordination Distance (Km)
0	3.38	119.63	-10.00	56.29
5	3.60	115.16	-10.00	56.29
10	3.60	110.34	-10.00	56.29
15	3.28	105.48	-10.00	56.29
20	4.09	100.68	-10.00	56.29
25	3.76	95.82	-10.00	56.29
30	2.74	90.96	-10.00	56.29
35	3.08	86.13	-10.00	56.29
40	2.95	81.30	-10.00	56.29
45	2.78	76.48	-10.00	56.29
50	2.58	71.68	-10.00	56.29
55	2.25	66.92	-10.00	56.29
60	2.04	62.17	-10.00	56.29
65	1.87	57.45	-10.00	56.29
70	1.85	52.74	-10.00	56.29
75	1.60	48.13	-10.00	56.29
80	1.38	43.59	-8.98	63.30
85	1.21	39.13	-7.81	72.43
90	1.04	34.80	-6.54	83.83
95	0.87	30.65	-5.16	98.26
100	0.71	26.77	-3.69	116.38
105	0.66	23.21	-2.14	139.12
110	0.57	20.27	-0.67	164.78
115	0.47	18.22	0.49	188.32
120	0.50	17.24	1.09	201.79
125	0.94	17.23	1.09	201.79
130	2.01	18.04	0.60	190.72
135	2.81	20.08	-0.57	166.68
140	2.40	23.02	-2.05	140.57
145	1.21	26.45	-3.56	118.14
150	1.18	28.66	-4.43	106.88
155	0.81	30.94	-5.26	97.14
160	0.77	32.61	-5.83	90.97
165	1.36	33.36	-6.08	88.39
170	1.89	33.79	-6.22	86.98
175	2.52	33.74	-6.20	87.18
180	2.92	33.53	-6.14	87.78

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Azimuth (Deg)	Horizon Elevation Angle (Deg)	Antenna Disc. Angle (Deg)	Antenna Gain (dBi)	Coordination Distance (Km)
185	2.99	33.27	-6.05	88.69
190	2.84	32.86	-5.92	90.03
195	2.68	32.09	-5.66	92.77
200	2.50	31.13	-5.33	96.36
205	2.29	30.82	-5.22	97.59
210	2.19	31.12	-5.32	96.47
215	2.42	31.81	-5.56	93.84
220	2.15	33.63	-6.17	87.48
225	2.11	35.79	-6.84	80.98
230	1.94	38.50	-7.64	73.86
235	0.72	42.31	-8.66	65.67
240	1.41	45.05	-9.34	60.73
245	1.14	48.66	-10.00	56.29
250	0.00	52.85	-10.00	56.29
255	0.00	56.57	-10.00	56.29
260	0.00	60.40	-10.00	56.29
265	0.00	64.34	-10.00	56.29
270	0.00	68.35	-10.00	56.29
275	0.00	72.43	-10.00	56.29
280	0.00	76.55	-10.00	56.29
285	0.00	80.70	-10.00	56.29
290	0.00	84.88	-10.00	56.29
295	0.00	89.06	-10.00	56.29
300	0.00	93.25	-10.00	56.29
305	0.00	97.43	-10.00	56.29
310	0.00	101.59	-10.00	56.29
315	0.00	105.73	-10.00	56.29
320	0.56	109.96	-10.00	56.29
325	0.96	114.14	-10.00	56.29
330	1.60	118.38	-10.00	56.29
335	1.63	122.37	-10.00	56.29
340	2.17	126.49	-10.00	56.29
345	2.04	130.20	-10.00	56.29
350	3.14	129.42	-10.00	56.29
355	3.96	124.81	-10.00	56.29