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3 April 2015

Jose P. Albuquerque
Chief, Satellite Division
International Bureau, FCC
445 12th Street, SW
Washington, DC 20554

RE: Call Sign E140100, File No. SES-LFS-20140924-00752

Dear Mr. Albuquerque,

DISH Operating L.L.C. (“DISH”) submits this minor amendment to the above-referenced application to correct and clarify certain information in the application as requested by the Commission’s March 25, 2015 letter to DISH.¹

Specifically, the Commission asked DISH to correct or clarify:

- The G/T Maximum Gain Point for the Ciel-6i space station as set forth in item S(O) of Schedule S;
- The applicable antenna ID(s) for item E28 in Form 312, Schedule B ;
- The antenna diameter(s) for items E33/34 in Form 312, Schedule B;
- The antenna gain value(s) for items E41/42 in Form 312, Schedule B;
- The emission designators for item 47 in Form 312, Schedule B;² and
- Data for items E51-57 in Form 312, Schedule B.

DISH is submitting with this letter a revised Schedule S that corrects item S7(O), showing the correct value of -7.4 dB/K. An input error had omitted the negative sign in the original submission.

¹ See Letter for Jose P. Albuquerque, Chief, Satellite Division, International Bureau, FCC, to Stephanie A. Roy, Counsel to DISH Operating L.L.C. (Mar. 25, 2015). This qualifies as a minor amendment under 47 C.F.R. § 25.116(b)(1)-(2) because the corrections and clarifications provided herein do not increase the potential for interference and do not have a significant environmental effect.

² The Commission’s letter to DISH asked for the emission designators for items E41/42, but the Form 312, Schedule B asks for emission designators in item E47.

With respect to the requested information for the Form 312, Schedule B, DISH clarifies that its request for authorization for 50,000 receive-only earth stations to communicate with the Ciel-6i space station includes both 4.5 meter- and 6.3 meter-diameter antenna variants, identified as A1 and A2, respectively. Accordingly, DISH asks that the Commission amend the above-referenced application as follows:

Item E28. This item should show antenna ID's of "A1" and "A2," for the 4.5- and 6.3-meter diameter antenna variants, respectively.

Item E29. The quantity of antennas should read "25,000" for each of A1 and A2.

Item E32. The antenna size should read "4.5" for A1 and "6.3" for A2.

Items E33/E34. The diameter of the minor and major axes should read "4.5/4.5" for A1 and "6.3/6.3" for A2.

Items E41 and E42. The receive antenna gain for A1 should read 56.5 dBi at 17.5 GHz. The receive antenna gain A2 should read 59.4 dBi at 17.5 GHz.

Items E46/E47. The emission designators for both A1 and A2 should include "3M75G7W", "36M0G7W" and "390MG7W," with the polarization for each designator being left and right hand circular.

Items E51 – E57. For each of A1 and A2, the satellite orbit should read "GSO," the frequency limits should read "17300-17700," the satellite arc E/W limit should read "95.0W/130.0W," the earth station azimuth angle eastern limit should read "128.24," and the antenna elevation angle eastern limit should read "10.0."

For ease of reference, DISH shows the above-referenced changes in the format of Schedule B to the Form 312 in Attachment 1 to this letter.

Please do not hesitate to contact me should you have additional questions or require additional information.

Sincerely,



Stephanie A. Roy
Counsel to DISH Operating L.L.C.

Enclosures

ATTACHMENT 1

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size<meters>	E41/42. Antenna GainTransmint and/or Recieve (____dBi at _____GHz)
N/A – multiple	A1	25000	Various – all using the following specs	Various	4.5	56.5 dBi at 17.5 GHz
N/A – multiple	A1	25000	Various – all using the following specs	Various	6.3	59.4 dBi at 17.5 GHz

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level
 (meters)	E36. Above Sea Level
 (meters)	E37. Building Height Above Ground Level
 (meters)	E38. Total Input Power at antenna flange
 (Watts)	E39. Maximum Antenna Height Above Rooftop
 (meters)	E40. Total EIRP for al carriers
 (dBW)
A1	4.5/4.5	0.0	0.0	0.0	0.0	0.0	0.0
A2	6.3/6.3	0.0	0.0	0.0	0.0	0.0	0.0

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
A1	17300-17700	R	Left and Right Circular	3M75G7W	0.0	0.0
A1	17300-17700	R	Left and Right Circular	36M0G7W	0.0	0.0
A1	17300-17700	R	Left and Right Circular	390MG7W	0.0	0.0
A2	17300-17700	R	Left and Right Circular	3M75G7W	0.0	0.0
A2	17300-17700	R	Left and Right Circular	36M0G7W	0.0	0.0
A2	17300-17700	R	Left and Right Circular	390MG7W	0.0	0.0

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
A1	GSO	17300-17700	95.0W/ 130.0W	128.24	10.0			
A2	GSO	17300-17700	95.0W/ 130.0W	128.24	10.0			