

## **MINOR AMENDMENT TO DIRECTV KU-79W APPLICATION**

DIRECTV Enterprises, LLC (“DIRECTV”) has filed an application for authority to launch and operate a Ku-band satellite in the Fixed Satellite Service at the nominal 79° W.L. orbital location, to be designated as DIRECTV KU-79W.<sup>1</sup> In this Application, DIRECTV submits minor amendments to correct a few clerical errors in its original application, including a revised Schedule S that incorporates all such corrections. In accordance with Section 25.117(d)(1) of the Commission’s rules, DIRECTV identifies in this Application only those items of information that should be changed from its original application. DIRECTV hereby certifies that the remaining information in its original application has not changed.

### ***1. TT&C Frequencies***

In the Schedule S filed with its original application, DIRECTV specified that telemetry would be transmitted on two frequencies: 11724 MHz and 11725 MHz. Those frequencies fall within one of the satellite’s communications transponders. The correct frequencies are 11704 MHz and 11705 MHz, as shown on the revised Schedule S attached hereto. DIRECTV notes that the TT&C link budget submitted as Exhibit C to its application narrative used one of the correct telemetry frequencies (11705 MHz).

### ***2. Antenna Gain Contour***

The original antenna gain contour pattern for the Mexico beam submitted in .gxt format did not include a -8 dB contour. The revised Schedule S attached hereto includes a new .gxt file that includes the -8dB contour for that beam.

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<sup>1</sup> See IBFS File No. SAT-LOA-20120316-00051.

### **3. Solar Array**

The original application indicated that the area of the satellite's solar array would be 13 m<sup>2</sup>. This figure is erroneous, as it relates to only a single wing of the solar array. The revised Schedule S attached hereto reflects the correct value of 26 m<sup>2</sup> for both wings of the array.

### **4. Remote Location for TT&C – Request for Waiver**

In the Schedule S accompanying its original application, DIRECTV indicated that it planned to operate the satellite by remote control, but did not provide further information related to the remote control point. However, as DIRECTV stated in its original narrative application, it “has not yet contracted for the construction of the DIRECTV KU-79W satellite, and therefore has not yet finalized arrangements for tracking, telemetry and control.” (Application Narrative at 10.) In these circumstances, DIRECTV is unable to provide the contact information for the remote control point requested in Schedule S.

Accordingly, to the extent necessary, DIRECTV requests a waiver of the requirement to submit such information. The Commission may waive its rules for good cause shown,<sup>2</sup> or where the particular facts make strict compliance inconsistent with the public interest.<sup>3</sup> At this very early stage, DIRECTV knows that it will conduct TT&C operations for this satellite from a remote site, but does not know any details related those TT&C operations. Accordingly, in this case, there is no way to provide the information requested.

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<sup>2</sup> 47 C.F.R. § 1.3; *see also* *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *cert. denied*, 409 U.S. 1027 (1972).

<sup>3</sup> *See Northeast Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990).



## ENGINEERING CERTIFICATION

The undersigned hereby certifies to the Federal Communications Commission as follows:

- (i) I am the technically qualified person responsible for the engineering information contained in the foregoing Amendment,
- (ii) I am familiar with Part 25 of the Commission's Rules, and
- (iii) I have either prepared or reviewed the engineering information contained in the foregoing Minor Amendment, and it is complete and accurate to the best of my knowledge and belief.

Signed:

/s/

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Jack Wengryniuk

April 20, 2012

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Date