## **DUPLICATE**



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December 11, 2009 FILED/ACCEPTED

DEC 11 2009

## **BY HAND DELIVERY**

Federal Communications Commission Office of the Secretary

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

Re:

Hughes Network Systems, LLC

Clarification/Erratum for SPACEWAY 4 Letter of Intent

File No. SAT-LOI-20091110-00119, Call Sign S2798

Dear Ms. Dortch:

On November 10, 2009, Hughes Network Systems, LLC ("Hughes") submitted the above-referenced Letter of Intent filing for a new Ka-band fixed-satellite service space station called SPACEWAY 4 to be located in the 107.1° W.L. orbital location. The SPACEWAY 4 LOI is currently pending, but has not yet been accepted for filing.

Upon review of the SPACEWAY 4 LOI, Hughes discovered that three data points required under Section 25.114 of the Commission's Rules to be included in the Schedule S portion of the FCC Form 312 submission had not been fully included with the LOI. By this letter, Hughes clarifies its SPACEWAY 4 LOI and supplies the inadvertently-omitted information.

First, with respect to the Antenna Beam tab of the Schedule S form (S7, Column (i)), the polarization alignment relative to the equatorial plane for beam "BCNV" was not included. As beam BCNV is a vertically-polarized beam, the entry for the polarization relative to the equatorial plane for this beam is 90 degrees, and the entry "90" should be inserted. The entry, as it should have appeared, is shown in highlighting on the first page of the Attachment to this letter.

Second, the entry for the number of carriers per transponder for the beacon carrier (Transponder ID BCN, Analog ID A4) was not included in the indicated location under the Emission tab of the Schedule S form (S13, Column (e)). The number of carriers that should be included in this row is one, and the entry "1" should be inserted. The entry, as

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it should have appeared, is shown in highlighting on the last row of Column (e) on the second page of the Attachment to this letter.

Third, the carrier spacing values for the four Transponder IDs (Digital IDs D4, D5, D6, and D7) with more than one carrier per transponder were inadvertently omitted from the Emission tab of the Schedule S form (S13, Column (f)). The following values should be included in Column (f) of item S13 for the affected carriers:

D4	3676 kHz
D5	1225 kHz
D6	612 kHz
D7	612 kHz

The entries, as they should have appeared, are shown in highlighting in Column (f) on the second page of the Attachment to this letter.

Hughes requests that the information in this letter be included with the above-referenced LOI for SPACEWAY 4. Should the Commission prefer, Hughes is prepared to amend the LOI to provide the information by way of a revision to the Schedule S portion of the FCC Form 312 submission itself.

Please direct any questions regarding this Clarification/Erratum to me.

Respectfully submitted,

Stephen D. Baruch

Attorney for Hughes Network Systems, LLC

cc (by e-mail): Robert Nelson Stephen Duall

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B. File Edit View Window Help

Applicant | Satellite | Op. Band | GSO Orbit | NGSO Orbit | Service Area | Antenna Beam | Beam Diagram | Transponder | Modulation Emission | Other | 313 TYPICAL EMISSIONS

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or each planned type of emission provide:	Assoc b. Assoc. Trans- Ponder ID ponder ID Mod ID M