



Federal Communications Commission  
Washington, D.C. 20554

April 26, 2013

Pantelis Michalopoulos, Esq.  
Step toe & Johnson LLP  
1330 Connecticut Avenue, NW  
Washington, D.C. 20036

Re: EchoStar Satellite Operating Corporation,  
Call Sign: S2232  
File No.: SAT-MOD-20130227-00026

Dear Mr. Michalopoulos:

On February 27, 2013, EchoStar Satellite Operating Corporation (ESOC) filed an application requesting modification of its authorization to operate the EchoStar 6 space station. In particular, ESOC seeks authority to operate the EchoStar 6 space station at the 96.2° W.L. orbital location using the 12.2-12.7 GHz (space-to-Earth) and 17.3-17.8 GHz (Earth-to-space) frequency bands.

In item S3f of the Schedule S attached to its application, ESOC lists the inclination excursion of EchoStar 6 as 0.5 degrees. Orbital ephemeris data available on the space-track.org web site indicate that the orbital inclination of EchoStar 6 is currently approximately 1.16 degrees, and was greater than 1 degree on the date ESOC filed its application. We request ESOC to review the orbital inclination data in its application for accuracy and, if appropriate, amend the application. Alternatively, please indicate whether ESOC intends to execute an inclination removal maneuver prior to or at the beginning of the license term, and specify the impact of any such maneuver on the satellite's remaining useful life.<sup>1</sup> In addition, we request ESOC to correct the apparent transposition of the transponder input attenuator data in items S7q and S7r of the Schedule S, and the spelling of the name of the city in which its TT&C earth station will be located in item S14b of Schedule S.

To expedite further processing of ESOC's modification, please file a response to this letter by May 10, 2013. If ESOC does not submit a response within this period, its application may be dismissed pursuant to Sections 25.112(c) and 25.152(b) of the Commission's rules.<sup>2</sup>

Sincerely,

A handwritten signature in blue ink that reads "Fern J. Jarmulnek".

Fern J. Jarmulnek  
Acting Chief, Satellite Division  
International Bureau

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<sup>1</sup> On the second page of the narrative attachment to its application, ESOC states that it "expects to allow the satellite's inclination to increase naturally in the North-South direction through its end-of-life".

<sup>2</sup> 47 C.F.R. §§ 25.112(c) and 25.152(b).