



Federal Communications Commission
Washington, D.C. 20554

April 7, 2015

Ms. Joanne Greet
Universal Space Network, Inc.
Suite A
Horsham, PA 19044

Call Sign: E140105
File No.: SES-LFS-20141015-00799

Dear Ms. Joanne Greet:

On October 15, 2014, Universal Space Network, Inc. (USN) filed the above-captioned application seeking an authorization to operate a receive-only fixed earth station in North Pole, Alaska, to receive signals from the PROBA-V satellite, which is owned and operated by the European Space Agency (ESA), an intergovernmental organization affiliated with the European Union (EU), using the center frequency of 8090.0 MHz (space-to-Earth). Pursuant to Sections 25.111(a), 25.137 (a) and (b), and 25.114 of the Commission's rules, we request certain information concerning the PROBA-V satellite and its operation with the E140105 earth station in order to process USN's application.

In accordance with Section 25.111(a) of the Commission's rules, the Commission may request from any party at any time additional information concerning any application, or any other submission or pleading regarding an application, filed under Part 25 of the Commission's rules.¹

Sections 25.137(a) and (c) of the Commission's rules, 47 C.F.R. §§ 25.137(a) and (c), state, in part, that "(a) Earth station applicants or entities filing a 'letter of intent' requesting authority to operate with a non-U.S. licensed space station to serve the United States...." "(c) must include an exhibit providing legal and technical information for the non-U.S.-licensed space station of the kind that Section 25.114 would require in a license application for that space-station, including but not limited to, information required to complete Schedule S."²

While USN has provided Schedule S information for the PROBA-V satellite, we require additional information about the satellite in order to complete our review of USN's earth station application. Specifically, the band being requested (8040-8140 MHz) is also used by Digital Globe, Planet Labs, and Skybox Imaging, which all have receiving Earth station facilities in Alaska. As a result, we require the following information from USN:

¹ See 47 C.F.R. § 25.111(a).

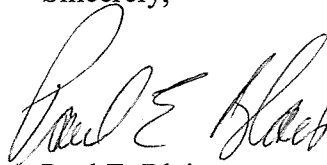
² See 47 C.F.R. §§ 47 C.F.R. §§ 25.111(a), 25.137 (a) and (b) and 25.114.

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- Coordination agreements between ESA and Digital Globe, Planet Labs, and Skybox Imaging to show that all providers can operate without causing interference to each other.
- The space station antenna gain contour diagram(s) for the transmit beam for the PROBA-V satellite plotted on an area map.
- An orbital debris analysis including the end-of-life disposal plan for the PROBA-V satellite given that the satellite is not on the Permitted List.
- A copy of the ITU filing or the file name under which the PROBA-V satellite was filed with the ITU.

Please provide the requested information by April 20, 2015. If there are any questions regarding the details of any particular item, please direct them to me or Jose Trevino of my staff by telephone at (202) 418-7274 or (202) 418-1946 respectively, or by email to Paul.Blais@fcc.gov or Jose.Trevino@fcc.gov.

Sincerely,



Paul E. Blais
Chief, Systems Analysis Branch
Satellite Division
International Bureau