

ATTACHMENT

Blanket Earth Station E060317 Modification to Add Frequency Bands and Additional Antenna Units

By this application, RigNet SatCom, Inc. (“RSI”)¹ seeks to modify the above-referenced license to (i) add additional receive frequency band segments in the extended Ku-band to each antenna authorized under the E060317 license, and (ii) add additional units of the Prodelin 1132 antenna.

The E060317 license authorizes RSI to operate a blanket VSAT network with satellites in geostationary orbit using spectrum in the conventional Ku-band. RSI seeks to add the 10.95-11.2 GHz and 11.45-11.7 GHz frequency band segments as receive frequencies to each antenna authorized under the existing E060317 license.^{2,3} The 10.95-11.2 GHz and 11.45-11.7 GHz frequency band segments are available for blanket licensing in the United States.⁴ RSI seeks to operate in these bands with space stations on the Commission’s Permitted Space Station List. RSI will operate all antennas under this license consistent with the technical parameters and conditions of any space station with which the RSI antennas communicate.

Additionally, RSI seeks to increase the number of units of Prodelin 1132 antennas authorized under this license from 250 to 500 units.⁵

Other than the addition of the above frequency band segments to each of the antenna facilities in Exhibit A and as otherwise described in this application, all operations will be consistent with the existing terms and conditions of the E060317 license.

¹ RSI is a direct, wholly owned subsidiary of RigNet, Inc. (“RigNet”) which, in turn, is a direct, wholly owned subsidiary of Viasat, Inc. On November 15, 2022, RigNet filed an application for the *pro forma* assignment of E060317 from RSI to RigNet. See IBFS File No. SES-ASG-20221117-01314. To the extent that the assignment application is granted while this modification application remains pending, all references to “RigNet SatCom, Inc.” and “RSI” in this application should be treated as references to “RigNet, Inc.” and “RigNet” respectively.

² RSI is not seeking authority to transmit in extended Ku-band spectrum.

³ Exhibit A lists all Ku-band antennas to which addition of these frequency band segments is requested.

⁴ 47 C.F.R. § 25.115(c)(1). RSI acknowledges that operations in the 10.95-11.2 GHz and 11.45-11.7 GHz band segments are on an unprotected basis with respect to the fixed service.

⁵ Under Section 25.118(a)(1) of the Commission’s rules, adding additional remote terminals to a blanket license does not require prior authorization. See 47 C.F.R. § 25.118(a)(1).

EXHIBIT A

Site ID	Antenna ID	Antenna Manufacturer	Antenna Model
Hub 1	HUB 1	Vertex	9.3 KPK
Hub 1	Hub 2	Vertex	11 KPK
VSAT Remote 1	R1	Andrew	Type 121
VSAT Remote 2	R2	ASC Signal	Type 960
VSAT Remote 3	R3	Prodelin	1984
VSAT Remote 4	R4	Prodelin	1123
VSAT Remote 5	R5	Prodelin	1132
VSAT Remote 6	R6	Prodelin	1134
VSAT Remote 7	R7	Prodelin	1251
VSAT Remote 8	R8	Winegard	SF840
VSAT Remote 9	R9	Skyware	123
VSAT Remote 10	R10	Winegard	SPA1800

DECLARATION

I hereby declare that:

1. I am the technically qualified person responsible for preparation of the engineering information contained in this application and that I am familiar with Part 25 of the Commission's rules;
2. I have reviewed all materials submitted with this application and declare that the materials are true and correct to the best of my knowledge, information, and belief.

/s/

Daryl T. Hunter, P.E.
Chief Technical Officer, Regulatory Affairs
Viasat, Inc.
6155 El Camino Real
Carlsbad, CA 92009

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