

ATTACHMENT

Maritime ESIM E980235 Modification to Add Frequency Bands

By this application, RigNet SatCom, Inc. (“RSI”)¹ seeks to modify the above-referenced license to add additional receive frequency band segments in the extended Ku-band to each antenna authorized under the E980235 license.

The E980235 license authorizes RSI to operate a blanket maritime ESIMs with satellites in geostationary orbit using spectrum in the conventional C-band and 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 to operate in the Ku-band under the existing E980235 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, including for ESIM use.⁴ RSI seeks to operate in these band segments 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.

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 E980235 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 E980235 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); 47 C.F.R. § 25.202(a)(10)(i). 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.

EXHIBIT A

Site ID	Antenna ID	Antenna Manufacturer	Antenna Model
Hub-2	Hub-2	Vertex	6.1 KPK
Hub-3	Hub-3	Prodelin	1383
Hub-4	Hub-4	Prodelin	1383
Remote 1	Remote 1	Prodelin	1251
Remote 3	Remote 3	Channel Master	243
Remote 4	Remote 4	Prodelin	1123
ESV R-1	ESV R-1	Seatel	4003
ESV R-2	ESV R-2	Seatel	4996
ESV R-3	ESV R-3	Seatel	9797-32
ESV R-4	ESV R-4	Seatel	4006
ESV R-6	ESV R-6	Intellian	V100
ESV R-7	ESV R-7	Intellian	V130
ESV R-8	ESV R-8	Cobham	Sailor 900B
ESV R-9	ESV R-9	Cobham	Sailor 800
ESV R-10	ESV R-10	Seatel	6012
ESV R-11	ESV R-11	Seatel	9797
ESV R-12	ESV R-12	Seatel	9711
ESV R-14	ESV R-14	Seatel	USAT-24
ESV R-15	ESV R-15	Seatel	USAT-30

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.
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