



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION**

RADIO STATION AUTHORIZATION

Name: RigNet SatCom, Inc.

Call Sign: E060317

Authorization Type: Modification of License

File Number: SES-MFS-20171127-01276

Non Common Carrier

Grant date: 01/29/2018

Expiration Date: 11/27/2021



Nature of Service: Fixed Satellite Service

Class of Station: VSAT Network

A) Site Location(s)

| # | Site ID | Address | Latitude | Longitude | Elevation (Meters) | Special Provisions NAD (Refer to Section H) |
|----|-------------------|--|--------------|--------------|--------------------|---|
| 1) | HUB 1 | 17625 TECHNOLOGY BLVD. (9.3M. HUB) E040414 HAGERSTOWN, WASHINGTON, MD 21740 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209 | 39°35'56.6"N | 77°45'27.5"W | 169.5 | 83 |
| 2) | HUB 2 | 2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209 | 33°39'59.0"N | 84°16'19.0"W | 237.7 | 27 |
| 3) | VSAT REMOTE 1 | VARIOUS LOCATIONS (1.2M. VSAT) CONUS, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209 | | | 0 | NA |
| 4) | VSAT REMOTE 10 | VARIOUS LOCATIONS (1.8M. VSAT) CONUS, | | | | NA |
| 5) | VSAT REMOTE 2 | VARIOUS LOCATIONS (0.96M. VSAT) CONUS, Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site. | | | | NA |
| 6) | VSAT REMOTE 3 | VARIOUS LOCATIONS (0.98M. VSAT) CONUS, Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209 | | | | NA |



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A) Site Location(s)

| # | Site ID | Address | Latitude | Longitude | Elevation (Meters) | NAD | Special Provisions (Refer to Section H) |
|-----|------------------|--|----------|-----------|-----------------------|-----|--|
| 7) | VSAT REMOTE 4 | VARIOUS LOCATIONS (1.2M. VSAT) CONUS, | | | | NA | |
| 8) | VSAT REMOTE 5 | VARIOUS LOCATIONS (1.2M. VSAT) CONUS, | | | | NA | |
| 9) | VSAT REMOTE 6 | VARIOUS LOCATIONS (1.2M. VSAT) CONUS, | | | | NA | |
| 10) | VSAT REMOTE 7 | VARIOUS LOCATIONS (2.4M. VSAT) CONUS, | | | | NA | |
| 11) | VSAT REMOTE 8 | VARIOUS LOCATIONS (0.84M. VSAT) CONUS, | | | | NA | |
| 12) | VSAT REMOTE 9 | VARIOUS LOCATIONS (1.2M. VSAT) CONUS, | | | | NA | |



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Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning November 27, 2006 (3 AM Eastern Standard Time) and ending November 27, 2021 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is January 29, 2019 (3 AM Eastern Standard Time) . Grantee must file with the Commission a certification upon completion of construction and commencement of operation.

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
 The General Provision 1900 applies to all transmitting frequency bands.
 For the text of these provisions, refer to Section H.

| # | Frequency (MHz) | Polarization Code | Emission | Tx/Rx Mode | Max EIRP /Carrier (dBW) | Max EIRP Density /Carrier (dBW/4kHz) | Associated Antenna | Special Provisions (Refer to Section H) | Modulation/ Services |
|-----|-----------------------|-------------------|----------|------------|-------------------------|--------------------------------------|--------------------|---|---|
| 1) | 14000.0000-14500.0000 | H,V | 36M0F3F | Tx | 87.60 | 60.60 | HUB1 | | STANDARD VIDEO WITH ASSOCIATED SUB-CARRIERS AUDIO |
| 2) | 14000.0000-14500.0000 | H,V | 43K0G7W | Tx | 57.50 | 46.60 | HUB1 | | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION |
| 3) | 14000.0000-14500.0000 | H,V | 72M0G7W | Tx | 89.20 | 46.60 | HUB1 | | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION |
| 4) | 11700.0000-12200.0000 | H,V | 36M0F3F | Rx | | | HUB1 | | STANDARD VIDEO WITH ASSOCIATED SUB-CARRIERS AUDIO |
| 5) | 11700.0000-12200.0000 | H,V | 43K0G7W | Rx | | | HUB1 | | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES AND TYPES OF INFORMATION |
| 6) | 14000.0000-14500.0000 | H,V | 36M0G7W | Tx | 78.30 | 38.76 | HUB2 | | VSAT HUB IP VIDEO AND DATA |
| 7) | 11700.0000-12200.0000 | H,V | 10M3G1W | Rx | | | HUB2 | | VSAT HUB IP VIDEO AND DATA |
| 8) | 14000.0000-14500.0000 | H,V | 1M17G1W | Tx | 47.10 | 23.40 | R1 | | DIGITAL DATA. QPSK MODULATION. 2/3 FEC. |
| 9) | 11700.0000-12200.0000 | H,V | 2M12G1W | Rx | 0.00 | 0.00 | R1 | | DIGITAL DATA. QPSK MODULATION. 23/29 FEC. |
| 10) | 14000.0000-14500.0000 | H,V | 100KG7W | Tx | 42.30 | 28.32 | R10 | | DVB-S2, Digital Data |
| 11) | 14000.0000-14500.0000 | H,V | 12M9G7W | Tx | 63.40 | 28.32 | R10 | | DVB-S2, Digital Data |
| 12) | 11700.0000-12200.0000 | H,V | 21M8G7W | Rx | | | R10 | | DIGITAL DATA AND MODULATION. |
| 13) | 11700.0000-12200.0000 | H,V | 72M0G7W | Rx | | | R10 | | DIGITAL DATA AND MODULATION. |



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
 The General Provision 1900 applies to all transmitting frequency bands.
 For the text of these provisions, refer to Section H.

| # | Frequency (MHz) | Polarization Code | Emission | Tx/Rx Mode | Max EIRP /Carrier (dBW) | Max EIRP Density /Carrier (dBW/4kHz) | Associated Antenna | Special Provisions (Refer to Section H) | Modulation/ Services | |
|-----|-----------------------|-------------------|----------|------------|-------------------------|--------------------------------------|--------------------|---|--------------------------|-----|
| 14) | 14000.0000-14500.0000 | H, V | 1M20G1D | Tx | 47.20 | 22.40 | R2 | | DIGITAL MODULATION. DATA | AND |
| 15) | 14000.0000-14500.0000 | H, V | 2M20G1D | Tx | 47.20 | 19.80 | R2 | | DIGITAL MODULATION. DATA | AND |
| 16) | 11700.0000-12200.0000 | H, V | 2M12G1D | Rx | | | R2 | | DIGITAL MODULATION. DATA | AND |
| 17) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 39.10 | 24.03 | R3 | | DVB-S2, Digital Data | |
| 18) | 14000.0000-14500.0000 | H, V | 2M81G7W | Tx | 52.50 | 24.03 | R3 | | DVB-S2, Digital Data | |
| 19) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R3 | | DIGITAL MODULATION. DATA | AND |
| 20) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R3 | | DIGITAL MODULATION. DATA | AND |
| 21) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 41.30 | 26.24 | R4 | | DVB-S2, Digital Data | |
| 22) | 14000.0000-14500.0000 | H, V | 4M25G7W | Tx | 56.50 | 26.24 | R4 | | DVB-S2, Digital Data | |
| 23) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R4 | | DIGITAL MODULATION. DATA | AND |
| 24) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R4 | | DIGITAL MODULATION. DATA | AND |
| 25) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 41.30 | 26.27 | R5 | | DVB-S2, Digital Data | |
| 26) | 14000.0000-14500.0000 | H, V | 4M12G7W | Tx | 56.40 | 26.27 | R5 | | DVB-S2, Digital Data | |
| 27) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R5 | | DIGITAL MODULATION. DATA | AND |
| 28) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R5 | | DIGITAL MODULATION. DATA | AND |
| 29) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 41.30 | 26.24 | R6 | | DVB-S2, Digital Data | |
| 30) | 14000.0000-14500.0000 | H, V | 4M25G7W | Tx | 56.50 | 26.24 | R6 | | DVB-S2, Digital Data | |
| 31) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R6 | | DIGITAL MODULATION. DATA | AND |
| 32) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R6 | | DIGITAL MODULATION. DATA | AND |
| 33) | 14000.0000-14500.0000 | H, V | 100KG7W | Tx | 42.30 | 28.31 | R7 | | DVB-S2, Digital Data | |



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.
 The General Provision 1900 applies to all transmitting frequency bands.
 For the text of these provisions, refer to Section H.

| # | Frequency (MHz) | Polarization Code | Emission | Tx/Rx Mode | Max EIRP /Carrier (dBW) | Max EIRP Density /Carrier (dBW/4kHz) | Associated Antenna | Special Provisions (Refer to Section H) | Modulation/ Services |
|-----|-----------------------|-------------------|----------|------------|-------------------------|--------------------------------------|--------------------|---|------------------------------|
| 34) | 14000.0000-14500.0000 | H, V | 27M0G7W | Tx | 66.60 | 28.31 | R7 | | DVB-S2, Digital Data |
| 35) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R7 | | DIGITAL DATA AND MODULATION. |
| 36) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R7 | | DIGITAL DATA AND MODULATION. |
| 37) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 35.30 | 20.25 | R8 | | DVB-S2, Digital Data |
| 38) | 14000.0000-14500.0000 | H, V | 3M95G7W | Tx | 50.20 | 20.25 | R8 | | DVB-S2, Digital Data |
| 39) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R8 | | DIGITAL DATA AND MODULATION. |
| 40) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R8 | | DIGITAL DATA AND MODULATION. |
| 41) | 14000.0000-14500.0000 | H, V | 128KG7W | Tx | 41.30 | 26.24 | R9 | | DVB-S2, Digital Data |
| 42) | 14000.0000-14500.0000 | H, V | 4M25G7W | Tx | 56.50 | 26.24 | R9 | | DVB-S2, Digital Data |
| 43) | 11700.0000-12200.0000 | H, V | 21M8G7W | Rx | | | R9 | | DIGITAL DATA AND MODULATION. |
| 44) | 11700.0000-12200.0000 | H, V | 72M0G7W | Rx | | | R9 | | DIGITAL DATA AND MODULATION. |

C) Frequency Coordination Limits

| # | Frequency Limits (MHz) | Satellite Arc (Deg. Long.) | | Elevation (Degrees) | | Azimuth (Degrees) | | Max EIRP Density toward Horizon (dBW/4kHz) | Associated Antenna(s) |
|----|------------------------|----------------------------|------------|---------------------|------------|-------------------|------------|--|-----------------------|
| | | East Limit | West Limit | East Limit | West Limit | East Limit | West Limit | | |
| 1) | 14000.0000-14500.0000 | 60.0W | 143.0W | 40.6 | -10.3 | 153.3 | -253.6 | 13.3 | HUB1 |
| 2) | 11700.0000-12200.0000 | 60.0W | 143.0W | 40.6 | -10.3 | 153.3 | -253.6 | | HUB1 |
| 3) | 14000.0000-14500.0000 | 67.4W | 123.8W | 32.3 | -24.9 | 000.0 | -000.0 | -21.4 | R1 |
| 4) | 11700.0000-12200.0000 | 67.4W | 123.8W | 32.3 | -24.9 | 000.0 | -000.0 | 0 | R1 |
| 5) | 14000.0000-14500.0000 | 67.4W | 123.8W | 32.3 | -24.9 | 000.0 | -000.0 | -4.8 | R2 |
| 6) | 11700.0000-12200.0000 | 67.4W | 123.8W | 32.3 | -24.9 | 000.0 | -000.0 | | R2 |
| 7) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | -2.5 | R5 |
| 8) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R5 |
| 9) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | 000.0 | -360.0 | -2.74 | R3 |



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C) Frequency Coordination Limits

| # | Frequency Limits (MHz) | Satellite Arc (Deg. Long.) | | Elevation (Degrees) | | Azimuth (Degrees) | | Max EIRP Density toward Horizon (dBW/4kHz) | Associated Antenna(s) |
|-----|---------------------------|-------------------------------|---------------|------------------------|---------------|----------------------|---------------|---|--------------------------|
| | | East Limit | West Limit | East Limit | West Limit | East Limit | West Limit | | |
| 10) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R3 |
| 11) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -2.44 | | R4 |
| 12) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R4 |
| 13) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -2.24 | | R6 |
| 14) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R6 |
| 15) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -6.36 | | R7 |
| 16) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R7 |
| 17) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -5.52 | | R8 |
| 18) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R8 |
| 19) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -2.54 | | R9 |
| 20) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R9 |
| 21) | 14000.0000-14500.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | -3.95 | | R10 |
| 22) | 11700.0000-12200.0000 | 15.0W | -180.0W | 05.0 | -05.0 | -360.0 | | | R10 |
| 23) | 14000.0000-14500.0000 | 40.0W | -133.0W | 29.0 | -25.4 | 119.6 | -244.1 | -14 | HUB2 |
| 24) | 11700.0000-12200.0000 | 40.0W | -133.0W | 29.0 | -25.4 | 119.6 | -244.1 | | HUB2 |

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) HUB 1 to INTELSAT 8 @ 89 degrees satellites(s) of the INTELSATsystem. (U.S.-licensed)
- 2) VSAT REMOTE 1 to INTELSAT 8 @ 89 degrees satellites(s) of the INTELSATsystem. (U.S.-licensed)
- 3) VSAT REMOTE 2 to INTELSAT 8 @ 89 degrees satellites(s) of the INTELSATsystem. (U.S.-licensed)
- 4) VSAT REMOTE 5 to Permitted Space Station List
- 5) VSAT REMOTE 3 to Permitted Space Station List
- 6) VSAT REMOTE 4 to Permitted Space Station List
- 7) VSAT REMOTE 6 to Permitted Space Station List
- 8) VSAT REMOTE 7 to Permitted Space Station List
- 9) VSAT REMOTE 8 to Permitted Space Station List
- 10) VSAT REMOTE 9 to Permitted Space Station List
- 11) VSAT REMOTE 10 to Permitted Space Station List
- 12) HUB 2 to HORIZONS 1 (S2475) @ 127 degrees W.L. (Japan-licensed)



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E) Antenna Facilities

| Site ID | Antenna ID | Units | Diameter (meters) | Manufacturer | Model number | Site Elevation (Meters) | Max Antenna Height (Meters) | Special Provisions (Refer to Section H) |
|--|------------|------------|-------------------|--------------|--------------|-------------------------|-----------------------------|---|
| HUB 1 | HUB1 | 1 | 9.3 | VERTEX | 9.3 KPK | 169.5 | 10 AGL/ 179.5 AMSL | |
| Max Gains(s): | | 59.1 dBi @ | 11.9500 GHz | 60.6 dBi @ | 14.2500 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 750.00 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 89.30 | | |
| HUB 2 | HUB2 | | 11 | VERTEX | 11KPK | 237.7 | 12 AGL/ 249.7 AMSL | |
| Max Gains(s): | | 61.0 dBi @ | 11.9500 GHz | 64.4 dBi @ | 14.2500 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 795.00 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 91.40 | | |
| VSAT REMOTE | R1 | 1000 | 1.2 | ANDREW CORP. | TYPE 121 | 0 | 2 AGL/ 0 AMSL | |
| Max Gains(s): | | 43.3 dBi @ | 14.2500 GHz | 41.8 dBi @ | 12.0000 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 3.80 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 47.10 | | |
| VSAT REMOTE 10 | R10 | 150 | 1.8 | WINEGARD | SPA1800 | | 2 AGL | |
| Max Gains(s): | | 45.3 dBi @ | 12.0000 GHz | 46.8 dBi @ | 14.3000 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 48.20 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 63.40 | | |
| VSAT REMOTE | R2 | 250 | 0.96 | ASC SIGNAL | TYPE960 | | 2 AGL | |
| Max Gains(s): | | 41.2 dBi @ | 14.2500 GHz | 39.7 dBi @ | 11.9500 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 4.00 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 47.20 | | |
| VSAT REMOTE | R3 | 100 | 0.98 | PRODELIN | 1984 | | 2 AGL/ 0 AMSL | |
| Max Gains(s): | | 39.8 dBi @ | 11.8500 GHz | 41.3 dBi @ | 14.1250 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 14.60 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 52.50 | | |



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E) Antenna Facilities

| Site ID | Antenna ID | Units | Diameter (meters) | Manufacturer | Model number | Site Elevation (Meters) | Max Antenna Height (Meters) | Special Provisions (Refer to Section H) |
|--|------------|------------|-------------------|--------------|--------------|-------------------------|-----------------------------|---|
| VSAT REMOTE | R4 | 200 | 1.2 | PRODELIN | 1123 | | 2 AGL | |
| Max Gains(s): | | 41.7 dBi @ | 11.8500 GHz | 43.2 dBi @ | 14.2500 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 21.70 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 56.54 | | |
| VSAT REMOTE | R5 | 250 | 1.2 | PRODELIN | 1132 | | 2 AGL | |
| Max Gains(s): | | 41.4 dBi @ | 11.7250 GHz | 43.3 dBi @ | 14.1250 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 20.80 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 56.40 | | |
| VSAT REMOTE | R6 | 250 | 1.2 | PRODELIN | 1134 | | 2 AGL | |
| Max Gains(s): | | 41.5 dBi @ | 11.8500 GHz | 43.0 dBi @ | 14.2500 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 22.70 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 56.50 | | |
| VSAT REMOTE | R7 | 50 | 2.4 | PRODELIN | 1251 | | 2 AGL | |
| Max Gains(s): | | 47.6 dBi @ | 11.8500 GHz | 49.2 dBi @ | 14.1250 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 56.00 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 66.60 | | |
| VSAT REMOTE | R8 | 250 | 0.84 | WINEGARD | SF840 | | 2 AGL | |
| Max Gains(s): | | 38.8 dBi @ | 12.0000 GHz | 40.3 dBi @ | 14.3000 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 10.20 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 50.20 | | |
| VSAT REMOTE | R9 | 250 | 1.2 | SKYWARE | 123 | | 2 AGL | |
| Max Gains(s): | | 41.8 dBi @ | 12.0000 GHz | 43.3 dBi @ | 14.3000 GHz | | | |
| Maximum total input power at antenna flange (Watts) = | | | | | | 21.30 | | |
| Maximum aggregate output EIRP for all carriers (dBW) = | | | | | | 56.50 | | |



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F) Remote Control Point:

| | | |
|-------------------|---|--------------------|
| HUB 1 | 17625 TECHNOLOGY BLVD., (9.3 METER HUB) HAGERSTOWN, WASHINGTON, MD 21740 240-420-3579 | Call Sign: E040414 |
| VSAT REMOTE 10 | 2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 4043283000 | Call Sign: E990092 |
| VSAT REMOTE 10 | 17625 TECHNOLOGY BLVD HAGERSTOWN, WASHINGTON, MD 21740 2404203579 | Call Sign: E040414 |
| VSAT REMOTE 2 | 17625 TECHNOLOGY BLVD. HAGERSTOWN, WASHINGTON, MD 21740 240-420-3579 | Call Sign: E040414 |
| VSAT REMOTE 3 | 2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 404-328-3000 | Call Sign: |
| VSAT REMOTE 4 | 2875 FORK CREEK CHURCH RD ELLENWOOD, CLAYTON, GA 30294 4043283000 | Call Sign: E990092 |
| VSAT REMOTE 4 | 17625 TECHNOLOGY BLVD HAGERSTOWN, WASHINGTON, MD 21740 2404203579 | Call Sign: E040414 |



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: RigNet SatCom, Inc.

Call Sign: E060317

Authorization Type: Modification of License

File Number: SES-MFS-20171127-01276

Non Common Carrier

Grant date: 01/29/2018

Expiration Date: 11/27/2021

F) Remote Control Point:

VSAT 2875 FORK CREEK CHURCH RD Call Sign: E990092
REMOTE 5
ELLENWOOD, CLAYTON, GA 30294
4043283000

VSAT 17625 TECHNOLOGY BLVD Call Sign: E040414
REMOTE 5
HAGERSTOWN, WASHINGTON, MD 21740
2404203579

VSAT 2875 FORK CREEK CHURCH RD Call Sign: E990092
REMOTE 6
ELLENWOOD, CLAYTON, GA 30294
4043283000

VSAT 17625 TECHNOLOGY BLVD Call Sign: E040414
REMOTE 6
HAGERSTOWN, WASHINGTON, MD 21740
2404203579

VSAT 2875 FORK CREEK CHURCH RD Call Sign: E990092
REMOTE 7
ELLENWOOD, CLAYTON, GA 30294
4043283000

VSAT 17265 TECHNOLOGY BLVD Call Sign: E040414
REMOTE 7
HAGERSTOWN, WASHINGTON, MD 21740
2404203579

VSAT 2875 FORK CREEK CHURCH RD Call Sign: E990092
REMOTE 8
ELLENWOOD, CLAYTON, GA 30294
4043283000



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Non Common Carrier

Grant date: 01/29/2018

Expiration Date: 11/27/2021

F) Remote Control Point:

| | | |
|----------|----------------------------------|--------------------|
| VSAT | 17625 TECHNOLOGY BLVD | Call Sign: E040414 |
| REMOTE 8 | | |
| | HAGERSTOWN, WASHINGTON, MD 21740 | |
| | 2404203579 | |

| | | |
|----------|----------------------------------|--------------------|
| VSAT | 17625 TECHNOLOGY BLVD | Call Sign: E040414 |
| REMOTE 9 | | |
| | HAGERSTOWN, WASHINGTON, MD 21740 | |
| | 2404203579 | |

| | | |
|----------|------------------------------|--------------------|
| VSAT | 2875 FORK CREEK CCHURCH RD | Call Sign: E990092 |
| REMOTE 9 | | |
| | ELLENWOOD, CLAYTON, GA 30294 | |
| | 4043283000 | |

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (IBFS) in the "Other Filings" tab within 10 days of the change.
- 5 --- Licensee must notify the Commission when this earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.
- 6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)



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Non Common Carrier

Grant date: 01/29/2018

Expiration Date: 11/27/2021

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.



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Non Common Carrier

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Expiration Date: 11/27/2021

B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.