



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01782

Wednesday September 16, 2015

## Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20150604-00336 E E150080 HNS License Sub, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1003 East State Farm Road, Lincoln, North Platte, NE

41 ° 5 ' 26.90 " N LAT.

100 ° 45 ' 10.80 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute

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29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
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**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

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**SES-LIC-20150604-00337** E E150081 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 12101 Tukwila International Blvd, King, Tukwila, WA

47 ° 29 ' 33.00 " N LAT.

122 ° 17 ' 42.00 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
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18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
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19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
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19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
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18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
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27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
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27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
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27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
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29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
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29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
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29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute
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**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

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**SES-LIC-20150604-00339** E E150083 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 521 SE 8th Avenue, Potter, Amarillo, TX

35 ° 12 ' 16.60 " N LAT.

101 ° 49 ' 55.20 " W LONG.

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ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute	
29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute	
29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute	
29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute	

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

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**SES-LIC-20150604-00340** E E150084 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 725 6th Street, NW, Bernalillo, Albuquerque, NM

35 ° 5 ' 32.30 " N LAT.

106 ° 39 ' 10.80 " W LONG.

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ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
18300.0000 - 19300.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
27850.0000 - 29100.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute	

29250.0000 - 30000.0000 MHz	100KG7W	58.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	250MG7D	88.30 dBW	M-ary PSK Outroute

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

**SES-LIC-20150604-00342** E E150086 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 333 S. 520 W, Utah, Lindon, UT  
40 ° 19 ' 57.00 " N LAT.

111 ° 43 ' 40.80 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute	
19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute	
29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute	
27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute	
29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute	
29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute	

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

**SES-LIC-20150604-00344** E E150088 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 12270 World Trade Drive #100, San Diego, San Diego, CA  
 32 ° 59 ' 19.70 " N LAT. 117 ° 4 ' 24.60 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

**SES-LIC-20150604-00346** E E150090 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 10215 W. Emerald Street, Ada, Boise, ID  
 43 ° 36 ' 27.70 " N LAT. 116 ° 18 ' 36.00 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute

27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

**SES-LIC-20150604-00347** E E150091 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 8404 El Way, Suite 1, Missoula, Missoula, MT  
46 ° 56 ' 9.90 " N LAT.

114 ° 7 ' 1.20 " W LONG.

ANTENNA ID:	1	5.6 meters	ASC Signal	Ka 5.6m
	18300.0000 - 19300.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	100KG7W	0.00 dBW	M-ary PSK Inroute
	19700.0000 - 20200.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	18300.0000 - 18800.0000 MHz	250MG7W	0.00 dBW	M-ary PSK Inroute
	29250.0000 - 30000.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	250MG7W	83.00 dBW	M-ary PSK Outroute
	27850.0000 - 29100.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	100KG7W	55.50 dBW	M-ary PSK Outroute
	29250.0000 - 30000.0000 MHz	56M1G7W	83.00 dBW	M-ary PSK Outroute

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

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**SES-LIC-20150824-00546** E E150109 HNS License Sub, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 6723 W Steger Road, Will, Monee, IL  
41 ° 28 ' 7.00 " N LAT.

87 ° 46 ' 33.20 " W LONG.

ANTENNA ID:	1	1.6 meters	AvL Technologies	1.6m Ka Band Antenna
	29998.5000 - 29998.5000 MHz	N0N	65.95 dBW	Continuous Wave (CW)
	19700.0000 - 20200.0000 MHz	25K0G7D	0.00 dBW	Digital

**Points of Communication:**

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

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**SES-MOD-20150818-00527** E E070257 Nexstar Broadcasting, Inc.

Application for Modification

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

Nexstar Broadcasting, Inc. requests modification of its temporary-fixed earth station that operates with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands, to change the emission designator from 24M0G7W to 36M0D7W, and to replace the Vertex RSI 2.4-meter antenna with an AVL Technologies 1.8-meter antenna.

SITE ID: 1

LOCATION: 7403 S. UNIVERSITY LUBBOCK, TX 79422, VARIOUS

ANTENNA ID:	1	1.8 meters	AVL TECHNOLOGIES	1810K
	14000.0000 - 14500.0000 MHz	36M0D7W	66.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA.
	11700.0000 - 12200.0000 MHz	36M0D7W		DIGITAL VIDEO, AUDIO, AND DATA.

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20150819-00532** E E120071 ViaSat, Inc.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Fixed Satellite Service

ViaSat, Inc. requests modification of its blanket authorization to add Antenna ID 8 consisting of 50,000 one meter antennas to communicate with the ANIK-F2 satellite at the 111.1° W.L. orbital location; the VIASAT-1 satellite at the 115.1° W.L. orbital location; and the WILDBLUE 1 satellite at the 111.1° W.L. orbital location. ViaSat will use the following frequency bands: 28.35-29.10 GHz and 29.50-30.00 GHz (Earth-to-space), and 18.30-19.30 GHz and 19.70-20.20 GHz (space-to-Earth).

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SITE ID: 1  
LOCATION: (50000 UNITS), CONUS

ANTENNA ID: 1	0.745 meters	ViaSat, Inc.	SNG-1
29500.0000 - 30000.0000 MHz	10M0G7D	48.80 dBW	10.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	5M00G7D	48.80 dBW	5.0 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	2M50G7D	48.80 dBW	2.5 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M25G7D	48.80 dBW	1.25 MBd PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	625KG7D	45.80 dBW	625 kBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	10M0G7D	48.80 dBW	10.0 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	5M00G7D	48.80 dBW	5.0 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	2M50G7D	48.80 dBW	2.5 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	1M25G7D	48.80 dBW	1.25 MBd PSK, Digital Carrier
28350.0000 - 29100.0000 MHz	625KG7D	45.80 dBW	625 kBd PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBd PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	416MG7D		416 MBd PSK, Digital Carrier
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBd PSK, Digital Carrier
18300.0000 - 19300.0000 MHz	416MG7D		416 MBd PSK, Digital Carrier

SITE ID: 2  
LOCATION: (20000 UNITS), CONUS

ANTENNA ID: 2	1.23 meters	AVL	120K
29500.0000 - 30000.0000 MHz	5M00G7D	54.30 dBW	5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	54.30 dBW	10 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M50G7D	54.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	54.30 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	54.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	20M0G7D	54.00 dBW	20 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	54.30 dBW	5 MBD PSK, DIGITAL CARRIER



28350.0000 - 29100.0000 MHz	10M0G7D	54.30 dBW	10 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	54.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	54.30 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	1M25G7D	54.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	20M0G7D	54.00 dBW	20 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

SITE ID: 8  
LOCATION: (50000 UNITS), CONUS

ANTENNA ID:	8	1 meters	SAT-LITE	1156KA
28350.0000 - 29100.0000 MHz	5M00G7D	52.10 dBW	5 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	5M00G7D	52.10 dBW	5 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	10M0G7D	52.10 dBW	10 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	10M0G7D	52.10 dBW	10 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	2M50G7D	52.10 dBW	2.5 MBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	625KG7D	49.10 dBW	625 KBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	2M50G7D	52.10 dBW	2.5 MBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	625KG7D	49.10 dBW	625 KBD PSK KBD PSK DIGITAL CARRIER	
28350.0000 - 29100.0000 MHz	1M25G7D	52.10 dBW	1250 KBD PSK DIGITAL CARRIER	
29500.0000 - 30000.0000 MHz	1M25G7D	52.10 dBW	1250 KBD PSK DIGITAL CARRIER	
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK DIGITAL CARRIER	
18300.0000 - 19300.0000 MHz	52M1G7D		52.1 MBD PSK DIGITAL CARRIER	
19700.0000 - 20200.0000 MHz	52M1G7D		52.1 MBD PSK DIGITAL CARRIER	

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SITE ID: 3  
LOCATION: (20000 UNITS), CONUS

ANTENNA ID: 3	1.23 meters	AVL	1280KFH
29500.0000 - 30000.0000 MHz	5M00G7D	54.10 dBW	5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	54.10 dBW	10 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M50G7D	54.10 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	54.10 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	54.10 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	54.10 dBW	5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	10M0G7D	54.10 dBW	10 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	54.10 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	54.10 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	1M25G7D	54.10 dBW	1.25 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

SITE ID: 4  
LOCATION: (20000 UNITS), CONUS

ANTENNA ID: 4	1.23 meters	AVL	880KFH
29500.0000 - 30000.0000 MHz	5M00G7D	51.30 dBW	5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	51.30 dBW	10 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M50G7D	51.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	51.30 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	51.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	51.30 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	51.30 dBW	5 MBD PSK, DIGITAL CARRIER

28350.0000 - 29100.0000 MHz	10M0G7D	51.30 dBW	10 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	51.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	1M25G7D	51.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

SITE ID: 5  
LOCATION: (20000 UNITS), CONUS

ANTENNA ID: 5	1.23 meters	AVL	880KFH
29500.0000 - 30000.0000 MHz	5M00G7D	51.30 dBW	5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	51.30 dBW	10 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M50G7D	51.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	51.30 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	51.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	10M0G7D	51.30 dBW	10 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	51.30 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	51.30 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	1M25G7D	51.30 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	51.30 dBW	5 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

SITE ID: 6  
LOCATION: (50000 UNITS), CONUS

ANTENNA ID: 6	0.745 meters	WINEGARD	WV750A
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29500.0000 - 30000.0000 MHz	5M00G7D	48.80 dBW	5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	48.80 dBW	10 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M50G7D	48.80 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	45.80 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	48.80 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	48.80 dBW	5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	10M0G7D	48.80 dBW	10 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	48.80 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	44.80 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	1M25G7D	48.80 dBW	1.25 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

SITE ID: 7  
LOCATION: (50000 UNITS), CONUS

ANTENNA ID: 7                      0.745 meters              C-COM SATELLITE SYSTEMS INC. FLY-75V

29500.0000 - 30000.0000 MHz	2M50G7D	48.80 dBW	2.5 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	5M00G7D	48.80 dBW	5.0 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	625KG7D	45.80 dBW	625 KBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	10M0G7D	48.80 dBW	10.0 MBD PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	1M25G7D	48.80 dBW	1.25 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	2M50G7D	48.80 dBW	2.5 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	5M00G7D	48.80 dBW	5.0 MBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	625KG7D	45.80 dBW	625 KBD PSK, DIGITAL CARRIER
28350.0000 - 29100.0000 MHz	10M0G7D	48.80 dBW	10.0 MBD PSK, DIGITAL CARRIER

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28350.0000 - 29100.0000 MHz	1M25G7D	48.80 dBW	1.25 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	52M1G7D		52 MBD PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	416MG7D		416 MBD PSK, DIGITAL CARRIER

**Points of Communication:**

- 1 - ANIK-F2 (S2742) - (111.1 W.L.)
- 1 - VIASAT-1 (S2747) - (115.1W.L.)
- 1 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 2 - ANIK-F2 (S2742) - (111.1 W.L.)
- 2 - VIASAT-1 (S2747) - (115.1W.L.)
- 2 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 3 - ANIK-F2 (S2742) - (111.1 W.L.)
- 3 - VIASAT-1 (S2747) - (115.1W.L.)
- 3 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 4 - ANIK-F2 (S2742) - (111.1 W.L.)
- 4 - VIASAT-1 (S2747) - (115.1W.L.)
- 4 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 5 - ANIK-F2 (S2742) - (111.1 W.L.)
- 5 - VIASAT-1 (S2747) - (115.1W.L.)
- 5 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 6 - ANIK-F2 (S2742) - (111.1 W.L.)
- 6 - VIASAT-1 (S2747) - (115.1W.L.)
- 6 - WILDBLUE 1(S2355) - (111.1 W.L.)
- 7 - ANIK-F2 (S2742) - (111.1 W.L.)
- 7 - VIASAT-1 (S2747) - (115.1W.L.)
- 7 - WILDBLUE 1 - (109.2 W.L.)
- 8 - ANIK-F2 (S2742) - (111.1 W.L.)

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8 - VIASAT-1 (S2747) - (115.1W.L.)

8 - WILDBLUE 1(S2355) - (111.1 W.L.)

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**SES-REG-20150831-00552**    E E150111    Carnegie Telephone Company    **EZ**

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

SITE ID:                    Carnegie Headend

LOCATION:                  25 Colorado Ave, Caddo, Carnegie, OK

35 ° 6 ' 19.50 " N LAT.

98 ° 36 ' 21.60 " W LONG.

ANTENNA ID:    TVRO#1                    4.5 meters                  Patriot Antenna Systems                  Prime Focus

3700.0000 - 4200.0000 MHz

36M0G7W

na

**Points of Communication:**

Carnegie Headend - PERMITTED LIST - ()

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For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.