
SITE ID: Remotes-1
LOCATION: Operate up to 1000 ESAA terminals (.6 m) CONUS + TERR & INTL WATERS

ANTENNA ID:	A	0.6 meters	AeroSat Avionics	70-100-0000-01
	11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK

SITE ID: Remotes-2
LOCATION: Operate up to 1000 ESAA terminals (.62m) CONUS + TERR & INTL WATERS

ANTENNA ID:	B	0.62 meters	TECOM	Ku-Stream
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	11450.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	3M20G7D	43.30 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSL OR OCTAL PSK
	10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- Remotes-1 - AMC 9 (S2434) - (83 W.L.)
- Remotes-1 - HORIZONS 1 - (127 WL)
- Remotes-1 - SES-1 - (101.0 W.L.)
- Remotes-2 - AMC 2 - (80.85 W.L.)
- Remotes-2 - AMC 9 (S2434) - (83 W.L.)
- Remotes-2 - ESTRELA DO SUL 2 - (63 W.L.)
- Remotes-2 - EUTELSAT 115 (S2589) - (114.9 W.L.)
- Remotes-2 - EUTELSAT 117 (S2873) - (116.8 W.L.)
- Remotes-2 - HORIZONS 1 - (127 WL)

ANTENNA ID:	PRN IN	2.4 meters	Channel Master	243 TX/RX
	14000.0000 - 14500.0000 MHz		400KG1D 54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	QPSK
SITE ID:	PRN NC			
LOCATION:	801 WOODRIDGE CENTER DR, MECKLENBERG, CHARLOTTE, NC			
	35 ° 10 ' 34.00 " N LAT.			80 ° 53 ' 34.00 " W LONG.
ANTENNA ID:	PRN NC2	2.4 meters	Prodelin	1244
	14000.0000 - 14500.0000 MHz		400KG1D 54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	QPSK
ANTENNA ID:	PRN NC1	4.6 meters	Andrew Corporation	ES46-124W
	14000.0000 - 14500.0000 MHz		400KG1D 64.54 dBW	QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	QPSK
SITE ID:	CC TAMPA			
LOCATION:	4002 GRANDY BLVD., HILLSBOROUGH, TAMPA, FL			
	27 ° 53 ' 32.00 " N LAT.			82 ° 30 ' 41.00 " W LONG.
ANTENNA ID:	2.4 KU	2.4 meters	Channel Master	243 TX/RX
	14000.0000 - 14500.0000 MHz		400KG1D 54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz		400KG1D 0.00 dBW	QPSK
ANTENNA ID:	3.8CCTAMP	3.8 meters	Prodelin	1383
	5925.0000 - 6425.0000 MHz		230KG7D 19.30 dBW	DIGITAL
	3700.0000 - 4200.0000 MHz		230KG7D	DIGITAL
SITE ID:	CC LIMA			
LOCATION:	667 WEST MARKET STREET, LIMA, OH			
	40 ° 44 ' 23.20 " N LAT.			84 ° 6 ' 57.30 " W LONG.
ANTENNA ID:	CC LIMA 1	3.8 meters	Prodelin	1383
	6331.0000 - 6360.0000 MHz		308KG7E 48.60 dBW	DIGITAL
	3700.0000 - 4200.0000 MHz		308KG7E	DIGITAL
SITE ID:	CC PORT ST LUCY			
LOCATION:	3371 S.E. JENNINGS ROAD, PORT ST LUCY, PORT ST LUCY, FL			
	27 ° 16 ' 29.00 " N LAT.			80 ° 17 ' 11.00 " W LONG.

11700.0000 - 12200.0000 MHz	6M00G1D		QPSK
SITE ID: CS0102			
LOCATION: 1819 Peachtree Rd Suite 700, Fulton, Atlanta, GA			
33 ° 48 ' 16.00 " N LAT.		84 ° 23 ' 35.00 " W LONG.	
ANTENNA ID: CS0102	2.4 meters	Channel Master	62-25356-01
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
SITE ID: CM2_4100			
LOCATION: VSAT, (2.4M. 15 UNITS), CONUS			
ANTENNA ID: CM2_4100	2.4 meters	CHANNEL MASTER	TYPE 243
14000.0000 - 14500.0000 MHz	400KG1D	54.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID: CCITSMN2_4100			
LOCATION: 20880 STONE OAK PARKWAY, BEXAR, SAN ANTONIO, TX			
29 ° 38 ' 49.00 " N LAT.		98 ° 27 ' 13.00 " W LONG.	
ANTENNA ID: IHMITSM451	4.5 meters	SUMAN	SM-TR4.5R
14000.0000 - 14500.0000 MHz	6M75G7W	71.67 dBW	QPSK
14000.0000 - 14500.0000 MHz	4M92G7W	70.81 dBW	QPSK
11700.0000 - 12200.0000 MHz	395KG7W		QPSK
11700.0000 - 12200.0000 MHz	1M53G7W		QPSK
11700.0000 - 12200.0000 MHz	773KG7W		QPSK
SITE ID: IHM SAN DIEGO			
LOCATION: 9660 GRANITE RIDGE DRIVE SUITE B, (2.4M. 3 UNITS), SAN DIEGO, SAN DIEGO, CA			
32 ° 48 ' 25.00 " N LAT.		117 ° 7 ' 11.00 " W LONG.	
ANTENNA ID: IHMSANDIE	2.4 meters	CHANNEL MASTER	TYPE 243
14000.0000 - 14500.0000 MHz	400KG1D	54.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID: CCITSMN2_4100			
LOCATION: 20880 STONE OAK PARKWAY (4.5M.), BEXAR, SAN ANTONIO, TX			
29 ° 38 ' 49.00 " N LAT.		98 ° 27 ' 13.00 " W LONG.	
SITE ID: IHM CINCY			
LOCATION: 8044 MONTGOMERY ROAD SUITE 650 (2.4M.), HAMILTON, CINCINNATI, OH			
39 ° 12 ' 1.60 " N LAT.		84 ° 22 ' 25.40 " W LONG.	

ANTENNA ID:	IHM CINCY	2.4 meters	SUMAN	SM-T2.4R
	14000.0000 - 14500.0000 MHz		400KG1D	54.50 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	
				QPSK
SITE ID:	TT0.9816			
LOCATION:	VSAT, (0.98M. 1000 UNITS), CONUS			
ANTENNA ID:	TT0.9816	0.98 meters	PRODELIN	1984
	14000.0000 - 14500.0000 MHz		1M53G7W	50.34 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		6M75G7W	
				QPSK
SITE ID:	TT1016R			
LOCATION:	VSAT, (1.0M. 1000 UNITS), CONUS			
ANTENNA ID:	TT1016R	1 meters	PATRIOT	TXINT-100KU
	14000.0000 - 14500.0000 MHz		773KG7W	48.29 dBW
				QPSK, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz		395KG7W	45.38 dBW
				QPSK, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz		1M53G7W	51.24 dBW
				QPSK, DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz		6M75G7W	
				QPSK, DVB-S2 DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz		4M92G7W	
				QPSK, DVB-S1 DIGITAL CARRIER
SITE ID:	TT09612			
LOCATION:	VSAT, (0.96M. 50 UNITS), CONUS			
ANTENNA ID:	TT09612	0.96 meters	AVL TECHNOLOGIES	960 AVSAT
	14000.0000 - 14500.0000 MHz		773KG7W	47.89 dBW
				QPSK, DATA
	14000.0000 - 14500.0000 MHz		395KG7W	44.98 dBW
				QPSK, DATA
	14000.0000 - 14500.0000 MHz		1M53G7W	50.84 dBW
				QPSK, DATA
	11700.0000 - 12200.0000 MHz		6M75G7W	
				QPSK, DATA
	11700.0000 - 12200.0000 MHz		4M92G7W	
				QPSK, DATA
SITE ID:	TTRVN9808			
LOCATION:	VSAT, (0.98M. 1000 UNITS), CONUS			
ANTENNA ID:	TTRVN9808	0.98 meters	RAVEN	GKU98

Points of Communication:

CC BURBANK - PERMITTED LIST - ()

CC CLEVELAND - PERMITTED LIST - ()

CC LIMA - PERMITTED LIST - ()

CC PORT ST LUCY - PERMITTED LIST - ()

CC TAMPA - PERMITTED LIST - ()

CCITSMN2_4100 - PERMITTED LIST - ()

CM2_4100 - PERMITTED LIST - ()

CS0102 - PERMITTED LIST - ()

CS0104 - PERMITTED LIST - ()

CS0113 - PERMITTED LIST - ()

CSO111 - PERMITTED LIST - ()

IHM CINCY - PERMITTED LIST - ()

IHM SAN DIEGO - PERMITTED LIST - ()

PRN IN - PERMITTED LIST - ()

PRN NC - PERMITTED LIST - ()

TT0.9816 - PERMITTED LIST - ()

TT09612 - PERMITTED LIST - ()

TT1_2020 - PERMITTED LIST - ()

TT1_8050 - PERMITTED LIST - ()

TT1016R - PERMITTED LIST - ()

TT2_4100 - PERMITTED LIST - ()

TTRVN9808 - PERMITTED LIST - ()

SES-MOD-20150407-00193 E E960085 Media General Communications Holdings, LLC

Application for Modification

04/05/2006 - 04/05/2021

Grant of Authority

Date Effective: 06/10/2015

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 338 MAIN STREET, WASHINGTON, JOHNSON CITY, TN

ANTENNA ID: 1 1.4 meters AVL 1410

14000.0000 - 14500.0000 MHz	36M0G7W	67.50 dBW	QPSK, DIGITAL VIDEO AND AUDIO DATA
11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	QPSK, DIGITAL VIDEO AND AUDIO DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150410-00208 E KA222 GlobeCast America Incorporated
 Application for Modification 07/29/2004 - 07/29/2019
 Grant of Authority Date Effective: 06/10/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10525 West Washington Blvd., LOS ANGELES, CULVER CITY, CA
 34 ° 1 ' 6.00 " N LAT. 118 ° 24 ' 14.30 " W LONG.

ANTENNA ID: 1 11.3 meters SATCOM TECHNOLOGIES 1100CS

5925.0000 - 6425.0000 MHz	1M50F7D	79.20 dBW
5925.0000 - 6425.0000 MHz	36M0F3F	63.00 dBW
5925.0000 - 6425.0000 MHz	200KF3E	63.00 dBW
3700.0000 - 4200.0000 MHz	1M50F7D	
3700.0000 - 4200.0000 MHz	36M0F3F	
3700.0000 - 4200.0000 MHz	200KF3E	

ANTENNA ID: 2 9.3 meters ANDREW 50.5

5925.0000 - 6425.0000 MHz	36M0F3F	77.70 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO
5925.0000 - 6425.0000 MHz	9M00G7D	77.90 dBW	COMPRESSED DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	200KF3E	67.70 dBW	SCPC AUDIO
5925.0000 - 6425.0000 MHz	1M50F7D	76.40 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G7F	77.90 dBW	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	200KF3E		SCPC AUDIO
3700.0000 - 4200.0000 MHz	1M50F7D		DIGITAL DATA

3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	9M00G7F	COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	ANALOG VIDEO WITH ASSOCIATED AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150421-00249 E E050018 Newcom International, Inc.
 Application for Modification 03/23/2005 - 03/23/2020
 Grant of Authority Date Effective: 06/10/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 15590 N.W. 15TH AVE., DADE, MIAMI, FL
 25 ° 54 ' 59.30 " N LAT. 80 ° 13 ' 29.20 " W LONG.

ANTENNA ID:	4.5 C	4.5 meters	ANDREW CORPORATION	4.5 Meter
6391.0000 - 6425.0000 MHz		34M0G7W	67.70 dBW	digital modulation, voice and data services
6391.0000 - 6425.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6331.0000 - 6359.0000 MHz		28M0G7W	67.70 dBW	digital modulation, voice and data services
6331.0000 - 6359.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6272.0000 - 6299.0000 MHz		27M0G7W	67.70 dBW	digital modulation, voice and data services
6272.0000 - 6299.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6168.0000 - 6240.0000 MHz		45M0G7W	67.70 dBW	digital modulation, voice and data services
6168.0000 - 6240.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services
6079.0000 - 6107.0000 MHz		28M0G7W	67.70 dBW	digital modulation, voice and data services
6079.0000 - 6107.0000 MHz		128KG7D	59.00 dBW	digital modulation, voice and data services

6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
6020.0000 - 6047.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital modulation, voice and data services
5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW	digital modulation, voice and data services
5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital modulation, voice and data services
5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital modulation, voice and data services
5925.0000 - 5929.0000 MHz	4M00G7W	59.00 dBW	digital modulation, voice and data services
5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital modulation, voice and data services
3700.0000 - 4200.0000 MHz	45M0G7W		digital modulation, voice and data services
3700.0000 - 4200.0000 MHz	128KG7D		digital modulation, voice and data services
ANTENNA ID: 4.5 Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital modulation, voice and data services
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital modulation, voice and data services
11700.0000 - 12200.0000 MHz	128KG7D		digital modulation, voice and data services
11700.0000 - 12200.0000 MHz	45M0G7W	0.00 dBW	digital modulation, voice and data services
ANTENNA ID: ES 3	4.6 meters	ANDREW CORPORATION	ES46MP-1
14000.0000 - 14500.0000 MHz	128KG7D	56.05 dBW	digital w/various modulation, forward error correction, and data rate configurations
14000.0000 - 14500.0000 MHz	45M0G7W	75.96 dBW	digital w/various modulation, forward error correction, and data rate configurations
11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations

11700.0000 - 12200.0000 MHz	45M0G7W			digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2C	4.5 meters	ANDREW CORPORATION		ES45MP-1
6391.0000 - 6425.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6391.0000 - 6425.0000 MHz	34M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
6331.0000 - 6359.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6331.0000 - 6359.0000 MHz	28M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
6272.0000 - 6299.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6272.0000 - 6299.0000 MHz	27M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
6168.0000 - 6240.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6168.0000 - 6240.0000 MHz	45M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
6079.0000 - 6107.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6079.0000 - 6107.0000 MHz	28M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
6020.0000 - 6047.0000 MHz	128KG7W	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations
6020.0000 - 6047.0000 MHz	27M0G7W	67.70 dBW		digital w/various modulation, forward error correction, and data rate configurations
5961.0000 - 5988.0000 MHz	128KG7D	59.00 dBW		digital w/various modulation, forward error correction, and data rate configurations

5961.0000 - 5988.0000 MHz	27M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	128KG7D	52.80 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 6425.0000 MHz	45M0G7W	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	4M0G7W	49.00 dBW	digital w/various modulation, forward error correction, and data rate configurations
5925.0000 - 5929.0000 MHz	128KG7D	67.70 dBW	digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
3700.0000 - 4200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 2Ku	4.5 meters	ANDREW CORPORATION	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	digital w/various modulation, forward error correction, and data rate configurations
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	digital w/various modulation, forward error correction, and data rate configurations
13750.0000 - 14000.0000 MHz	128KG7D	55.00 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
13750.0000 - 14000.0000 MHz	36M0G7W	74.90 dBW	DIGITAL MODULATION, VOICE AND DATA SERVICES
11700.0000 - 12200.0000 MHz	128KG7D		digital w/various modulation, forward error correction, and data rate configurations
11700.0000 - 12200.0000 MHz	45M0G7W		digital w/various modulation, forward error correction, and data rate configurations
ANTENNA ID: ES 4KU	8.1 meters	GENERAL DYNAMICS (VERTEX/RSI)	GD 8.1
14000.0000 - 14500.0000 MHz	128KG7D	60.75 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	81.50 dBW	DIGITAL

11700.0000 - 12200.0000 MHz	128KG7D	0.00 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL
ANTENNA ID: ES 5KU	3.8 meters	GENERAL DYNAMIC (VERTEX/RSI)	SERIES 1383
14000.0000 - 14500.0000 MHz	128KG7D	54.25 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	65.96 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	128KG7D		DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL
ANTENNA ID: ES 6KU	4.5 meters	GENERAL DYNAMICS (VERTEX/RSI)	ES45MP-1
14000.0000 - 14500.0000 MHz	128KG7D	54.95 dBW	DIGITAL
14000.0000 - 14500.0000 MHz	45M0G7W	74.86 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	128KG7D		DIGITAL
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL

Points of Communication:

- 1 - AMAZONAS 1 (S2622) - (61 W.L.)
- 1 - AMAZONAS 2 (S2793) - (61 W.L.)
- 1 - HISPASAT - (30.0 W.L.)
- 1 - NSS-7 (S2854) - (20 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SATMEX-5 - (116.8 W.L.)
- 1 - SOLIDARIDAD F-2 - (113.0 W.L.)

SES-MOD-20150610-00350 E E980235 RigNet SatCom, Inc.

Application for Modification

07/13/2008 - 07/13/2023

Withdrawn

Date Effective: 06/11/2015

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: HUB-3 (3.8 M)

LOCATION: 1710 W. WILLOW ST. (3.8M. BACK-UP HUB), LAFAYETTE, SCOTT, LA

30 ° 14 ' 36.70 " N LAT.

92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-3(3.8)	3.8 meters	PRODELIN	1383	
	14000.0000 - 14500.0000 MHz		100KG7D	53.20 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	65.20 dBW	BPSK, DATA
	14000.0000 - 14500.0000 MHz		1M40G7D	56.20 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		2M40G7D	65.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		2M80G7D	65.80 dBW	BPSK, DATA
	14000.0000 - 14500.0000 MHz		4M90G7D	65.80 dBW	BPSK, DATA
	11700.0000 - 12200.0000 MHz		100KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		200KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		1M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M80G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz		4M90G7D		DIGITAL DATA

SITE ID: ESV R-1

LOCATION: 1710 W. WILLOW STREET (1.0M (300 UNITS), CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID:	ESV R-1	1 meters	SEATEL	4003	
	14000.0000 - 14500.0000 MHz		58K2G7D	34.43 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		154KG7W	39.66 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		465KG7D	43.46 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		619KG7W	45.68 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		58K2G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		154KG7W		QPSK, DATA
	11700.0000 - 12200.0000 MHz		465KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		619KG7W		QPSK, DATA

SITE ID: ESV R-2

LOCATION: 1710 W. WILLOW STREET (1.2M, 150 UNITS) CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID:	ESV R-2	1.2 meters	SEATEL	4996
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14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	DATA
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	DATA
11700.0000 - 12200.0000 MHz	100KG7D		DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DATA
11700.0000 - 12200.0000 MHz	200KG7D		DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DATA

SITE ID: REMOTE 1
LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 1	2.4 meters	PRODELIN	1251
14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	BPSK, Data	
14000.0000 - 14500.0000 MHz	1M40G7D	52.20 dBW	QPSK, Data	
14000.0000 - 14500.0000 MHz	2M40G7D	52.20 dBW	QPSK, Data	
14000.0000 - 14500.0000 MHz	2M80G7D	52.20 dBW	BPSK, Data	
14000.0000 - 14500.0000 MHz	4M90G7D	52.20 dBW	BPSK, Data	
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA	
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA	

SITE ID: HUB-1 (4.5 M)
LOCATION: 1710 W. WILLOW STREET (4.5M. HUB), LAFAYETTE, SCOTT, LA
30 ° 14 ' 36.70 " N LAT. 92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-1(4.5)	4.5 meters	ANDREW CORP.	ESA 45-46B
14000.0000 - 14500.0000 MHz	100KG7D	53.80 dBW	QPSK, Data	

14000.0000 - 14500.0000 MHz	200KG7D	56.80 dBW	BPSK, Data
14000.0000 - 14500.0000 MHz	1M40G7D	65.50 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, Data
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, Data
13750.0000 - 14000.0000 MHz	100KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	200KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	1M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M80G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	4M90G7D	68.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: REMOTE 2
LOCATION: (1.2 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 2	1.2 meters	CHANNEL MASTER	120
14000.0000 - 14500.0000 MHz	100KG7D	43.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	200KG7D	46.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	1M40G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M40G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M80G7D	49.30 dBW	DIGITAL DATA	
14000.0000 - 14500.0000 MHz	4M90G7D	49.30 dBW	DIGITAL DATA	

11700.0000 - 12200.0000 MHz	100KG7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D	QPSK, DATA

SITE ID: REMOTE 4
LOCATION: (1.2 M. UNITS), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 4	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz	50K0G7D	36.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	100KG7D	39.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	200KG7D	42.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	50K0G7D	QPSK, DATA	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D	QPSK, DATA	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D	QPSK, DATA	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	400KG7D	QPSK, DATA	QPSK, DATA	QPSK, DATA

SITE ID: REMOTE 3
LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 3	2.4 meters	CHANNEL MASTER	243
14000.0000 - 14500.0000 MHz	50K0G7D	36.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	100KG7D	39.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	200KG7D	42.80 dBW	QPSK, DATA	QPSK, DATA
14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	50K0G7D	QPSK, DATA	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D	QPSK, DATA	QPSK, DATA	QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D	QPSK, DATA	QPSK, DATA	QPSK, DATA

ANTENNA ID:	ESV R-5	2.4 meters	SEATEL	9797	
	5925.0000 - 6425.0000 MHz		1M03G7W	56.50 dBW	QPSK, DATA
	5925.0000 - 6425.0000 MHz		2M05G7W	56.50 dBW	QPSK, DATA
	5925.0000 - 6425.0000 MHz		2M73G7W	56.50 dBW	QPSK, DATA
	5925.0000 - 6425.0000 MHz		3M41G7W	56.50 dBW	QPSK, DATA
	3700.0000 - 4200.0000 MHz		1M03G7W		QPSK, DATA
	3700.0000 - 4200.0000 MHz		2M05G7W		QPSK, DATA
	3700.0000 - 4200.0000 MHz		2M73G7W		QPSK, DATA
	3700.0000 - 4200.0000 MHz		3M41G7W		QPSK, DATA

SITE ID: ESV R-4
LOCATION: 1710 W. WILLOW STREET (1.0M, 150 UNITS), CONUS, AOC, POC, GM, LAFAYETTE, SCOTT, LA

ANTENNA ID:	ESV R-4	1 meters	SEATEL	4006	
	14000.0000 - 14500.0000 MHz		1M40G7D	47.49 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		58K2G7D	34.43 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		154KG7W	39.66 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		928KG7W	47.44 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		1M40G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		58K2G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		154KG7W		QPSK, DATA
	11700.0000 - 12200.0000 MHz		928KG7W	0.00 dBW	QPSK, DATA

SITE ID: REMOTE 5
LOCATION: (1.2 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 5	1.2 meters	SEATEL	4996T	
	14000.0000 - 14500.0000 MHz		50K0G7D	36.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		100KG7D	39.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	42.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		400KG7D	45.80 dBW	QPSK, DATA

11700.0000 - 12200.0000 MHz	50K0G7D	QPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D	QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D	QPSK, DATA
11700.0000 - 12200.0000 MHz	400KG7D	QPSK, DATA

Points of Communication:

ESV R-1 - PERMITTED LIST - ()

ESV R-2 - PERMITTED LIST - ()

ESV R-3 - PERMITTED LIST - ()

ESV R-4 - PERMITTED LIST - ()

ESV R-5 - PERMITTED LIST - ()

HUB 4 (3.8) - PERMITTED LIST - ()

HUB-1 (4.5 M) - AMC-3 - (67 W.L.)

HUB-1 (4.5 M) - PAS-1R - (45.0 W.L.)

HUB-1 (4.5 M) - PAS-8B - (43 W.L.)

HUB-1 (4.5 M) - PERMITTED LIST - ()

HUB-2 (6.1M) - PERMITTED LIST - ()

HUB-3 (3.8 M) - PERMITTED LIST - ()

REMOTE 1 - PERMITTED LIST - ()

REMOTE 2 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 2 - NSS-7 (S2463) - (20 W.L.)

REMOTE 2 - PERMITTED LIST - ()

REMOTE 3 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 3 - NSS-7 (S2463) - (20 W.L.)

REMOTE 4 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 4 - NSS-7 (S2463) - (20 W.L.)

REMOTE 5 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 5 - NSS-7 (S2463) - (20 W.L.)

SES-REG-20150423-00268 E E150067 Educational Media Foundation
Registration 04/23/2015 - 04/23/2030
Grant of Authority Date Effective: 06/10/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 152 LACROIX ROAD (KLXA), RAPIDES PARISH, PINEVILLE, LA
31 ° 22 ' 42.20 " N LAT. 92 ° 28 ' 25.40 " W LONG.

ANTENNA ID:	3.7M.	3.7 meters	PRODELIN	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates, modulation and information
	3700.0000 - 4200.0000 MHz		30K0G7W	Narrowband digital traffic various data
	3700.0000 - 4200.0000 MHz		30K0F3W	Narrowband analog carrier,
	3700.0000 - 4200.0000 MHz		36M0F3W	Wideband analog carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20150504-00282 E E150070 Nexstar Broadcasting, Inc. **EZ**
Registration 05/04/2015 - 05/04/2030
Grant of Authority Date Effective: 06/09/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 613 HARRISON AVE., BAY, PANAMA CITY, FL
30 ° 9 ' 35.20 " N LAT. 85 ° 39 ' 38.40 " W LONG.

ANTENNA ID:	1	4.5 meters	DH SATELLITE	DH45FAE
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO & AUDIO DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20150602-00316 E E120040 DG Consents Sub, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 06/10/2015

Class of Station:

