



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
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Report No. SES-02281

Wednesday July 1, 2020

Satellite Communications Services Information re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AFS-20200103-00002 E E190489 SES Americom, Inc.
Amendment
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SSBK5K6

LOCATION: Comsat Road Haleiwa, Honolulu, Kooluloa, HI
21 ° 40 ' 16.40 " N LAT.

158 ° 1 ' 52.80 " W LONG.

ANTENNA ID:	SSBK5	9 meters	GD Satcom	9mKXK
	13750.0000 - 13770.0000 MHz	20M0G7W	79.10 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz	1M55G7W	68.00 dBW	Digital Data Carrier
	13770.0000 - 13780.0000 MHz	10M0G7W	73.30 dBW	Digital Data Carrier
	13770.0000 - 13780.0000 MHz	6M00G7W	71.00 dBW	Digital Data Carrier
	13780.0000 - 14000.0000 MHz	72M0G7W	84.70 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz	72M0G7W	81.80 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	N0N	52.10 dBW	CW carrier
	14000.0000 - 14500.0000 MHz	100KG7W	60.10 dBW	Digital Data Carrier

14000.0000 - 14500.0000 MHz	50M2G7W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	100KF9W	66.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	12M6F9W	87.10 dBW	Analog Command Carrier
14000.0000 - 14500.0000 MHz	36M0F9W	87.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	72M0F9W	87.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	1M00F9D	76.00 dBW	Analog Command Carrier
10950.0000 - 11200.0000 MHz	N0N		CW carrier
10950.0000 - 11200.0000 MHz	100KG7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	100KF9W		Analog Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0F9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	N0N		CW carrier
11200.0000 - 11700.0000 MHz	100KG7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	100KF9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	72M0G7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	N0N		CW carrier
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	100KF9W		Analog Data Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data Carrier
12250.0000 - 12750.0000 MHz	N0N		CW carrier
12250.0000 - 12750.0000 MHz	100KG7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	100KF9W		Analog Data Carrier
12250.0000 - 12750.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	72M0F9W		Analog Data Carrier

11700.0000 - 12200.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
14497.6000 - 14498.4000 MHz	800KF9W	81.00 dBW	ANALOG COMMAND CARRIER
ANTENNA ID: SSBK6	9 meters	GD Satcom	9mKXX
13750.0000 - 13770.0000 MHz	20M0G7W	79.10 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	1M55G7W	68.00 dBW	Digital Data Carrier
13770.0000 - 13780.0000 MHz	10M0G7W	73.30 dBW	Digital Data Carrier
13770.0000 - 13780.0000 MHz	6M00G7W	71.00 dBW	Digital Data Carrier
13780.0000 - 14000.0000 MHz	72M0G7W	84.70 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	72M0G7W	81.80 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	72M0F9W	81.80 dBW	Analog Data Carrier
13750.0000 - 14000.0000 MHz	1M55F9W	68.00 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	N0N	52.10 dBW	CW carrier
14000.0000 - 14500.0000 MHz	100KG7W	60.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	50M2G7W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	100KF9W	66.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	12M6F9W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	72M0F9W	87.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	1M00F9D	76.00 dBW	Analog Command Carrier
10950.0000 - 11200.0000 MHz	N0N		CW carrier
10950.0000 - 11200.0000 MHz	100KG7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	100KF9W		Analog Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0F9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	N0N		CW carrier

11200.0000 - 11700.0000 MHz	100KG7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	100KF9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	72M0G7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	N0N		CW carrier
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	100KF9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	N0N		CW carrier
12250.0000 - 12750.0000 MHz	100KG7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	100KF9W		Analog Data Carrier
12250.0000 - 12750.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	72M0F9W		Analog Data Carrier
14000.0000 - 14500.0000 MHz	36M0F9W	87.10 dBW	Analog Data Carrier

Points of Communication:

SSBK5K6 - NSS-11 (S3037) - (176 E.L.)

SSBK5K6 - NSS-6(S3048) - (169.5 W.L.)

SSBK5K6 - PERMITTED LIST - ()

SES-AMD-20181016-03284 E E181167 Spectrum Gulf Coast, LLC

Amendment

Grant of Authority

Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Plano

LOCATION: 141 Summit Ave, Collin, Plano, TX
33 ° 0 ' 31.30 " N LAT.

96 ° 41 ' 28.40 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat 5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

Points of Communication:

Plano - PERMITTED LIST - ()

SES-AMD-20181016-03295 E E181168 Spectrum Gulf Coast, LLC
 Amendment
 Grant of Authority

Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Seadrift
 LOCATION: 103 S Orange, Calhoun, Seadrift, TX
 28 ° 24 ' 41.60 " N LAT.

96 ° 42 ' 25.80 " W LONG.

ANTENNA ID: 1	5 meters	ATCi	Simulsat 5M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 2	5 meters	Scientific-Atlanta	8008B
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 3	4.6 meters	Andrew	ESA46
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 4	4.6 meters	Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 5	4.5 meters	Andrew	ESA45
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters	DH Satellite	4.5M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters	Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data

Points of Communication:

Seadrift - PERMITTED LIST - ()

~~SES-AMD-20190611-00749~~ E E182006 Scripps Broadcasting Holdings LLC
 Amendment
 Grant of Authority

Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3300 Old Havre Highway (KRTV Station), Cascade, Great Falls, MT
47 ° 32 ' 8.50 " N LAT. 111 ° 17 ' 1.60 " W LONG.

ANTENNA ID:	Pathfire 1	3.7 meters	Patriot	PRT380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	Sat 3	4.5 meters	DH Satellite	45DH160P
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	Fox	5.7 meters	Generic Sat	5.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	ASC	5 meters	ASC	ASC 5.0
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	CNN	2.4 meters	Prodelin	1251
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	CW	5 meters	DH Satellite	50DH160P
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-AMD-20190611-00750~~ E E190469 Scripps Broadcasting Holdings LLC
Amendment

Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 301 Artesian Street (Studio), Nueces, Corpus Christi, TX
27 ° 47 ' 32.40 " N LAT. 97 ° 24 ' 6.00 " W LONG.

ANTENNA ID:	S1	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S2	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S3	4.5 meters	Scientific Atlantic	8345

3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	S4	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	S5	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	S6	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	S7	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	S8	7 meters	Scientific Atlantic	8028
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20190611-00751 E E181973 Scripps Broadcasting Holdings LLC

Amendment

Grant of Authority

Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3203 Third Avenue North (Studio), Yellowstone, Billings, MT

45 ° 46 ' 53.60 " N LAT.

108 ° 30 ' 46.70 " W LONG.

ANTENNA ID:	C Movable	4.2 meters	DH Satellite	42DH1
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	CBS Primry	4.2 meters	DH Satellite	42DH1
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	Galaxy 16	4.2 meters	DH Satellite	42DH1
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Multiplex Carrier
ANTENNA ID:	CW Netwrk	4.2 meters	DH Satellite	42DH1

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: CBS Second	4.2 meters	DH Satellite
		42DH1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: AP	3.7 meters	Prodeline
		3.7M.
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20190611-00753 E E190157 Scripps Broadcasting Holdings LLC
 Amendment
 Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 5520 Tech Center Drive, El Paso, Colorado Springs, CO
 38 ° 54 ' 40.00 " N LAT. 104 ° 49 ' 42.00 " W LONG.

ANTENNA ID: S1	3.8 meters	Patriot	PRT-3.80
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier	
ANTENNA ID: S2	3.8 meters	Patriot	PRT-3.80
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier	
ANTENNA ID: S3	3.8 meters	GD Satcom	3.8M.
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier	

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20190611-00765 E E190146 Scripps Broadcasting Holdings LLC
 Amendment
 Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 2200 7th Avenue, Pueblo, Pueblo, CO
 38 ° 17 ' 18.50 " N LAT. 104 ° 37 ' 26.90 " W LONG.

ANTENNA ID:	N1	7 meters	Scientific Atlanta	7.0M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	N2	4.5 meters	Scientific Atlanta	4.5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S3	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S4	3.7 meters	AFC	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S5	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S7	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S8	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()

SES-AMD-20200401-00359 E E191642 Blue Stream Communications, LLC
 Amendment
 Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 12409 NW 35th Street, USA, Coral Springs, FL
 26 ° 16 ' 29.74 " N LAT. 80 ° 17 ' 33.78 " W LONG.

ANTENNA ID:	1	4.5 meters	American Antennas, INC	TVRO-4.5
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190222-00179 E E190068 Hawaii Pacific Teleport, L.P.
Application for Authority 06/26/2020 - 06/26/2035
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Chalan Teleforo Road, Yona, Pulantat, GU
13 ° 25 ' 4.80 " N LAT. 144 ° 45 ' 6.20 " E LONG.

ANTENNA ID:	1	13 meters	Universal Antenna, Inc.	1130C
	5850.0000 - 6058.0000 MHz	51K2G7W	53.27 dBW	Digital traffic, various FEC, data rates and modulation
	5850.0000 - 6058.0000 MHz	54M0G7W	80.97 dBW	Digital traffic, various FEC, data rates and modulation
	6099.0000 - 6117.0000 MHz	51K2G7W	53.27 dBW	Digital traffic, various FEC, data rates and modulation
	6099.0000 - 6117.0000 MHz	18M0G7W	78.73 dBW	Digital traffic, various FEC, data rates and modulation
	6159.0000 - 6425.0000 MHz	51K2G7W	53.27 dBW	Digital traffic, various FEC, data rates and modulation
	6159.0000 - 6425.0000 MHz	54M0G7W	80.97 dBW	Digital traffic, various FEC, data rates and modulation
	3645.0000 - 4200.0000 MHz	51K2G7W		Digital traffic, various FEC, data rates and modulation
	3645.0000 - 4200.0000 MHz	54M0G7W		Digital traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190611-00756 E E190489 SES Americom, Inc.
Application for Authority 06/26/2020 - 06/26/2035
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SSBK5K6

LOCATION: Comsat Road Haleiwa, Honolulu, Kooluloa, HI
21 ° 40 ' 16.40 " N LAT.

158 ° 1 ' 52.80 " W LONG.

ANTENNA ID:	SSBK5	9 meters	GD Satcom	9mKXX
	13750.0000 - 13770.0000 MHz		20M0G7W 79.10 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz		1M55G7W 68.00 dBW	Digital Data Carrier
	13770.0000 - 13780.0000 MHz		10M0G7W 73.30 dBW	Digital Data Carrier
	13770.0000 - 13780.0000 MHz		6M00G7W 71.00 dBW	Digital Data Carrier
	13780.0000 - 14000.0000 MHz		72M0G7W 84.70 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz		72M0G7W 81.80 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		N0N 52.10 dBW	CW carrier
	14000.0000 - 14500.0000 MHz		100KG7W 60.10 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		50M2G7W 87.10 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		72M0G7W 87.10 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz		100KF9W 66.10 dBW	Analog Data Carrier
	14000.0000 - 14500.0000 MHz		36M0F9W 87.10 dBW	Analog Data Carrier
	14000.0000 - 14500.0000 MHz		72M0F9W 87.10 dBW	Analog Data Carrier
	14000.0000 - 14500.0000 MHz		1M00F9D 76.00 dBW	Analog Command Carrier
	10950.0000 - 11200.0000 MHz		N0N	CW carrier
	10950.0000 - 11200.0000 MHz		100KG7W	Digital Data Carrier
	10950.0000 - 11200.0000 MHz		100KF9W	Analog Data Carrier
	10950.0000 - 11200.0000 MHz		72M0G7W	Digital Data Carrier
	10950.0000 - 11200.0000 MHz		72M0F9W	Analog Data Carrier
	11200.0000 - 11700.0000 MHz		N0N	CW carrier
	11200.0000 - 11700.0000 MHz		100KG7W	Digital Data Carrier
	11200.0000 - 11700.0000 MHz		100KF9W	Analog Data Carrier
	11200.0000 - 11700.0000 MHz		72M0G7W	Digital Data Carrier

11200.0000 - 11700.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	N0N		CW carrier
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	100KF9W		Analog Data Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data Carrier
12250.0000 - 12750.0000 MHz	N0N		CW carrier
12250.0000 - 12750.0000 MHz	100KG7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	100KF9W		Analog Data Carrier
12250.0000 - 12750.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
14497.6000 - 14498.4000 MHz	800KF9W	81.00 dBW	ANALOG COMMAND CARRIER
ANTENNA ID: SSBK6	9 meters	GD Satcom	9mKXK
13750.0000 - 13770.0000 MHz	20M0G7W	79.10 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	1M55G7W	68.00 dBW	Digital Data Carrier
13770.0000 - 13780.0000 MHz	10M0G7W	73.30 dBW	Digital Data Carrier
13770.0000 - 13780.0000 MHz	6M00G7W	71.00 dBW	Digital Data Carrier
13780.0000 - 14000.0000 MHz	72M0G7W	84.70 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	72M0G7W	81.80 dBW	Digital Data Carrier
13750.0000 - 14000.0000 MHz	72M0F9W	81.80 dBW	Analog Data Carrier
13750.0000 - 14000.0000 MHz	1M55F9W	68.00 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	N0N	52.10 dBW	CW carrier
14000.0000 - 14500.0000 MHz	100KG7W	60.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	50M2G7W	87.10 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data Carrier

14000.0000 - 14500.0000 MHz	100KF9W	66.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	72M0F9W	87.10 dBW	Analog Data Carrier
14000.0000 - 14500.0000 MHz	1M00F9D	76.00 dBW	Analog Command Carrier
10950.0000 - 11200.0000 MHz	N0N		CW carrier
10950.0000 - 11200.0000 MHz	100KG7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	100KF9W		Analog Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0F9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	N0N		CW carrier
11200.0000 - 11700.0000 MHz	100KG7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	100KF9W		Analog Data Carrier
11200.0000 - 11700.0000 MHz	72M0G7W		Digital Data Carrier
11200.0000 - 11700.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	N0N		CW carrier
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data Carrier
11700.0000 - 12200.0000 MHz	100KF9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0F9W		Analog Data Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	N0N		CW carrier
12250.0000 - 12750.0000 MHz	100KG7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	100KF9W		Analog Data Carrier
12250.0000 - 12750.0000 MHz	72M0G7W		Digital Data Carrier
12250.0000 - 12750.0000 MHz	72M0F9W		Analog Data Carrier
14000.0000 - 14500.0000 MHz	36M0F9W	87.10 dBW	Analog Data Carrier

Points of Communication:

SSBK5K6 - NSS-11 (S3037) - (176 E.L.)

SSBK5K6 - NSS-6(S3048) - (169.5 W.L.)

SSBK5K6 - PERMITTED LIST - ()

SES-LIC-20200310-00227 E E200946 Fox Television Stations, LLC

Application for Authority

06/25/2020 - 06/25/2035

Grant of Authority

Date Effective: 06/25/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: SAT500 1.2 meters AVL 1210K

14000.0000 - 14500.0000 MHz 24M0G7F 62.50 dBW QPSK

11700.0000 - 12200.0000 MHz 24M0G7F 0.00 dBW QPSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20200310-00228 E E200947 Fox Television Stations, LLC

Application for Authority

06/25/2020 - 06/25/2035

Grant of Authority

Date Effective: 06/25/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: SAT-450 1.25 meters Vertex C125M

14000.0000 - 14500.0000 MHz 24M0G7F 63.37 dBW QPSK

11700.0000 - 12200.0000 MHz 24M0G7F 0.00 dBW QPSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180817-02672 E E000328 Cox Communications Arizona, LLC

Application for Modification

06/26/2010 - 06/26/2025

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Chandler
LOCATION: 4777 E 29TH ST, PIMA, TUCSON, AZ
32 ° 12 ' 3.80 " N LAT. 110 ° 53 ' 26.20 " W LONG.

ANTENNA ID: 3.7m 3.7 meters EAGLE 3.7 M.
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

Chandler - PERMITTED LIST - ()

SES-MOD-20180927-03660 E E180567 Gray Television Licensee, LLC
Application for Modification 06/01/2018 - 06/01/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2362 Highway 11, Jones, Moselle, MS
31 ° 27 ' 8.10 " N LAT. 89 ° 17 ' 2.50 " W LONG.

ANTENNA ID: ABC 4.5 meters ANDREW ESA45P
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: A2/A3 3.8 meters PATRIOT PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: A4 3.1 meters PATRIOT PRT-310
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: A5 3.7 meters DH 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: A6 2.4 meters PRODELIN 1252
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: NBC-C 3 meters PRODELIN 1304
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181001-03670 E E180571 Gray Television Licensee, LLC

Application for Modification

06/02/2018 - 06/02/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 12 East Delano Ave, Montgomery, Montgomery, AL

32 ° 20 ' 12.70 " N LAT.

86 ° 18 ' 27.40 " W LONG.

ANTENNA ID:	1	7 meters	Scientific-Atlanta	8010AM
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	PRT-450	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.8 meters	PRT-380AZ	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.4 meters	1344	3.4
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3.1 meters	PRT-310	3.1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181008-03669 E E070183 SES Americom, Inc.

Application for Modification

09/27/2007 - 09/27/2022

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WBES-AMC11

LOCATION: 2323 Grimville Road, Carroll, Mount Airy, MD

39 ° 22 ' 36.00 " N LAT.

77 ° 4 ' 47.30 " W LONG.

ANTENNA ID:	WBES-A11	11.1 meters	General Dynamioocs	11.1KPC
	5925.0000 - 6425.0000 MHz		36M0G7W	81.40 dBW
				Digital TT&C
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital TT&C

3700.0000 - 4200.0000 MHz	100KG7W		DIGITAL DATA
5925.0000 - 6425.0000 MHz	100KG7W	55.88 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G7W	76.14 dBW	VIDEO, DIGITAL DATA
5925.0000 - 6425.0000 MHz	1M00F8W	65.88 dBW	FREQUENCY MODULATED TC CARRIER

Points of Communication:

WBES-AMC11 - PERMITTED LIST - ()

SES-MOD-20181011-04299 E E180238 WPEC Licensee, LLC
 Application for Modification 05/08/2018 - 05/08/2033
 Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1100 Fairfield Drive, Palm Beach, West Palm Beach, FL
 26 ° 45 ' 40.20 " N LAT. 80 ° 4 ' 7.00 " W LONG.

ANTENNA ID: 1 4.5 meters EASI 4.5

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-05608 E E180197 Harrisburg Licensee, LLC
 Application for Modification 05/03/2018 - 05/03/2033
 Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 3300 North 6th Street, Dauphin, Harrisburg, PA
 40 ° 17 ' 59.60 " N LAT. 76 ° 53 ' 50.50 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 8010

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 2 4.5 meters ANDREW 8345

ANTENNA ID: 3 3 meters DAWN D30PLB-48

ANTENNA ID:	4	2.4 meters	DAWN	D24PLB
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Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-05887	E	E120157	UniMas Boston LLC	
Application for Modification				08/06/2012 - 08/06/2027
Grant of Authority				Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

UniMas Boston LLC., requests modification of its fixed earth station in Hudson, MA to correct site address. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID:	1		
LOCATION:	71 Parmenter Road, MIDDLESEX, HUDSON, MA		
	42 ° 23 ' 3.00 " N LAT.		71 ° 29 ' 36.80 " W LONG.

ANTENNA ID:	1	4.6 meters	VERTEX	4.6METER
	3700.0000 - 4200.0000 MHz		36M0G7W	ANALOG

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-06052	E	E181120	WTVH License LLC	
Application for Modification				07/16/2018 - 07/16/2033
Grant of Authority				Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:	WTVH		
LOCATION:	1030 James St, Onondaga, Syracuse, NY		
	43 ° 3 ' 33.80 " N LAT.		76 ° 7 ' 54.60 " W LONG.

ANTENNA ID:	4.5	4.5 meters	ESAi	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation

ANTENNA ID:	3.8	3.8 meters	COMTECH	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL, VIDEO AND DATA

Points of Communication:

WTVH - PERMITTED LIST - ()

SES-MOD-20181015-06054 E E180408 Birmingham (WABM-TV) Licensee, Inc.
Application for Modification 05/15/2018 - 05/15/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2021 Golden Crest Drive, Jefferson, Birmingham, AL
33 ° 29 ' 3.20 " N LAT. 86 ° 48 ' 27.30 " W LONG.

ANTENNA ID:	1	4.6 meters	Scientific Atlanta	8005
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	PATRIOT	PRT450
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3.8 meters	PATRIOT	PRT380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	3.7 meters	PRODELIN	PRO3.7
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06194 E E900488 Spectrum Pacific West, LLC
Application for Modification 09/14/2010 - 09/14/2025
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 600 E. 2ND AVE, JEFFERSON, BOULDER, MT
46 ° 14 ' 6.80 " N LAT. 112 ° 6 ' 39.50 " W LONG.

ANTENNA ID:	1	3.7 meters	COMM TECH	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	3.7 meters	PRODELIN	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	3	3 meters	PRIMESTAR	UNKNOWN

3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 4	4.6 meters SA	3125
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 5	2.8 meters SA	9000
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 6	3.8 meters PRODELIN	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06195	E WF73	Spectrum Southeast, LLC	03/28/2004 - 03/28/2019
Application for Modification			Date Effective: 06/26/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: JEWELL RIDGE MOUNTAIN, TAZEWELL, JEWELL RIDGE, VA
37 ° 8 ' 17.20 " N LAT. 81 ° 46 ' 25.10 " W LONG.

ANTENNA ID: 1	3.8 meters PATRIOT	PRT380AZ
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 2	3.7 meters PRODELIN	1374
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 3	4.5 meters SSE	8345
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 4	4.5 meters STEVENS	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06297 E E950119 Spectrum Sunshine State, LLC
Application for Modification 12/20/2004 - 12/20/2019
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 501 WEST JONES STREET, HARDEE, BOWLING GREEN, FL
27 ° 38 ' 22.10 " N LAT. 81 ° 49 ' 41.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH N/A
3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

ANTENNA ID: 2 5 meters SCIENTIFIC-ATLANTA N/A
3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06337 E E170111 Spectrum Pacific West, LLC
Application for Modification 05/25/2017 - 05/25/2032
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5113 Ehrlich Rd, Hillsborough, Tampa, FL
28 ° 5 ' 9.10 " N LAT. 82 ° 32 ' 7.00 " W LONG.

ANTENNA ID: 1 7 meters Simulsat Simulsat 7M.
3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06432 E E4174 Cable T.V. of Stanton, Inc.
Application for Modification 04/16/2012 - 04/16/2027
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: STANTON, STANTON, STANTON, NE
41 ° 57 ' 23.00 " N LAT. 97 ° 13 ' 32.00 " W LONG.

ANTENNA ID: 1 5 meters PRODELIN TVRO
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 2 3.7 meters PRODELIN TVRO
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 3 3.2 meters PRODELIN TVRO
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 4 2.4 meters PRODELIN TVRO
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190523-00781 E E3275 SINCLAIR PORTLAND LICENSEE, LLC
Application for Modification 08/27/2011 - 08/27/2026
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 255 NW SKYLINE, MULTNOMAH, PORTLAND, OR
45 ° 31 ' 12.40 " N LAT. 122 ° 44 ' 43.30 " W LONG.

ANTENNA ID: 1 9.1 meters ANDREW CORPORATION ESA91H-46-108
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20130320-00284 E E130066 IHM Licenses, LLC
Registration 03/20/2013 - 03/20/2028
Grant of Authority Date Effective: 05/08/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Licensee has change name only per letter request March 13, 2020. See IBFS Other Filing Tab.

SITE ID: 1
LOCATION: 1170 SOLDIERS FIELD ROAD (STUDIO BLDG.), SUFFOLK, BOSTON, MA
42 ° 21 ' 52.10 " N LAT. 71 ° 8 ' 3.50 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01904 E E181167 Spectrum Gulf Coast, LLC
Registration 06/25/2018 - 06/25/2033
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Plano
LOCATION: 141 Summit Ave, Collin, Plano, TX
33 ° 0 ' 31.30 " N LAT. 96 ° 41 ' 28.40 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat 5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 3 4.6 meters Andrew ESA46
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 4 4.6 meters Scientific-Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 5 4.5 meters Andrew ESA45
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 6 4.5 meters DH Satellite 4.5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 7 4.5 meters Scientific-Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 8 3.8 meters Comtech 934D0015-G5

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data

Points of Communication:

Plano - PERMITTED LIST - ()

SES-REG-20180625-01905	E E181168	Spectrum Gulf Coast, LLC	06/25/2018 - 06/25/2033
Registration			Date Effective: 06/25/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Seadrift
LOCATION: 103 S Orange, Calhoun, Seadrift, TX
28 ° 24 ' 41.60 " N LAT. 96 ° 42 ' 25.80 " W LONG.

ANTENNA ID: 1	5 meters ATCi	Simulsat 5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 2	5 meters Scientific-Atlanta	8008B
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 3	4.6 meters Andrew	ESA46
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 4	4.6 meters Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 5	4.5 meters Andrew	ESA45
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters DH Satellite	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters Scientific-Atlanta	8345

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters Comtech	934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters Patriot	TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data

Points of Communication:

Seadrift - PERMITTED LIST - ()

SES-REG-20180626-01907	E E181170	VISION ALASKA I LLC	
Registration			06/26/2018 - 06/26/2033
Grant of Authority			Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 2700 E. Tudor Rd., Matanuska-Susitna Boro, Anchorage, AK
 61 ° 10 ' 49.20 " N LAT. 149 ° 49 ' 48.60 " W LONG.

ANTENNA ID: 9.3M.	9.3 meters Andrew Corp	9.3M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180806-03413	E E182006	Scripps Broadcasting Holdings LLC	
Registration			08/06/2018 - 08/06/2033
Grant of Authority			Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 3300 Old Havre Highway (KRTV Station), Cascade, Great Falls, MT
 47 ° 32 ' 8.50 " N LAT. 111 ° 17 ' 1.60 " W LONG.

ANTENNA ID: Pathfire 1	3.7 meters Patriot	PRT380
3700.0000 - 4200.0000 MHz	36M0G7W 0.00 dBW	Digital Multiplex Carrier

ANTENNA ID:	Sat 3	4.5 meters	DH Satellite	45DH160P
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	Fox	5.7 meters	Generic Sat	5.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	ASC	5 meters	ASC	ASC 5.0
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	CNN	2.4 meters	Prodelin	1251
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier
ANTENNA ID:	CW	5 meters	DH Satellite	50DH160P
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180808-03826	E E190146	Scripps Broadcasting Holdings LLC	08/08/2018 - 08/08/2033
Registration			Date Effective: 06/25/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2200 7th Avenue, Pueblo, Pueblo, CO
38 ° 17 ' 18.50 " N LAT. 104 ° 37 ' 26.90 " W LONG.

ANTENNA ID:	N1	7 meters	Scientific Atlanta	7.0M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	N2	4.5 meters	Scientific Atlanta	4.5M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S3	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S4	3.7 meters	AFC	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

ANTENNA ID:	S5	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S7	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S8	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()

SES-REG-20180808-03837	E	E190157	Scripps Broadcasting Holdings LLC	08/08/2018 - 08/08/2033
Registration				Date Effective:
Grant of Authority				06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 5520 Tech Center Drive, El Paso, Colorado Springs, CO
 38 ° 54 ' 40.00 " N LAT. 104 ° 49 ' 42.00 " W LONG.

ANTENNA ID:	S1	3.8 meters	Patriot	PRT-3.80
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S2	3.8 meters	Patriot	PRT-3.80
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier
ANTENNA ID:	S3	3.8 meters	GD Satcom	3.8M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Multiplex Carrier

Points of Communication:

- 1 - PERMITTED LIST - ()
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SES-REG-20180810-03859 E E190190 Consolidated Communications Enterprise Services, Inc.
Registration 08/10/2018 - 08/10/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Sac 1
LOCATION: 5411 Luce Avenue, USA, McClellan Park, CA
38 ° 39 ' 56.80 " N LAT. 121 ° 23 ' 34.90 " W LONG.

ANTENNA ID: Sac1 4.5 meters Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

Sac 1 - PERMITTED LIST - ()

SES-REG-20180813-03870 E E190202 Consolidated Communications Enterprise Services, Inc.
Registration 08/13/2018 - 08/13/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KRNEY
LOCATION: 604 N Jefferson St., USA, Kearney, MO
39 ° 22 ' 45.47 " N LAT. 94 ° 21 ' 54.59 " W LONG.

ANTENNA ID: KRNEY 3.8 meters Patriot 3.8m
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

KRNEY - PERMITTED LIST - ()

SES-REG-20180815-03893 E E190225 Consolidated Communications Enterprise Services, Inc.
Registration 08/15/2018 - 08/15/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 514 Fairview Street (ColGr3), Putnam, Columbus Grove, OH
40 ° 54 ' 54.02 " N LAT. 84 ° 3 ' 33.02 " W LONG.

ANTENNA ID: ColGr3 3.8 meters Comtech Antenna Systems 934D0015-G1

3700.0000 - 4200.0000 MHz

36M0G7W

Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180815-03895 E E190227 Consolidated Communications Enterprise Services, Inc.
Registration 08/15/2018 - 08/15/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 514 Fairview Street (ColGr2), Putnam, Columbus Grove, OH
40 ° 54 ' 54.02 " N LAT. 84 ° 3 ' 33.02 " W LONG.

ANTENNA ID: ColGr2 4.6 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz

36M0G7W

ANALOG AND DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180821-03965 E E190271 Cowley County Broadcasting, Inc.
Registration 08/21/2018 - 08/21/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 334 E Radio Lane, Cowley, Arkansas City, KS
37 ° 5 ' 9.94 " N LAT. 97 ° 2 ' 1.32 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 829165-G1

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180822-03969 E E190275 Middle East Broadcasting Networks Inc.
Registration 08/16/2018 - 08/16/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 7600 Boston Boulevard, Fairfax, Springfield, VA
 38 ° 44 ' 21.30 " N LAT. 77 ° 12 ' 26.30 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW	ES45
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with associated subcarriers
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with associated subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video
ANTENNA ID:	2	3.8 meters	PATRIOT	3.8 Meter
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with associated subcarriers
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW
				Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW
				Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180824-03378 E E181973 Scripps Broadcasting Holdings LLC
 Registration 08/24/2018 - 08/24/2033
 Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 3203 Third Avenue North (Studio), Yellowstone, Billings, MT
 45 ° 46 ' 53.60 " N LAT. 108 ° 30 ' 46.70 " W LONG.

ANTENNA ID:	C Movable	4.2 meters	DH Satellite	42DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	
				Digital Multiplex Carrier
ANTENNA ID:	CBS Primry	4.2 meters	DH Satellite	42DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	
				Digital Multiplex Carrier
ANTENNA ID:	Galaxy 16	4.2 meters	DH Satellite	42DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	
				Digital Multiplex Carrier
ANTENNA ID:	CW Netwrk	4.2 meters	DH Satellite	42DH1

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: CBS Second	4.2 meters	DH Satellite
		42DH1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
ANTENNA ID: AP	3.7 meters	Prodeline
		3.7M.
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180824-04002	E E190308	Gray Television Licensee, LLC	
Registration			08/24/2018 - 08/24/2033
Grant of Authority			Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 501 2nd Ave SE, Cedar Rapids, IA
41 ° 58 ' 46.99 " N LAT. 91 ° 39 ' 48.35 " W LONG.

ANTENNA ID: 1	4.5 meters	Andrew	ESA45MPJ-1
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 2	4.5 meters	ViaSat	8345
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 3	3.7 meters	Prodelin/Viking Satcom	P370PLR
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 4	3.1 meters	Patriot	Solid Commercial Ant
3700.0000 - 4200.0000 MHz	36M0G7W		
ANTENNA ID: 5	2.3 meters	Superior Antenna Manufacturing Inc	QSL 7.5
3700.0000 - 4200.0000 MHz	36M0G7W		

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180827-04011 E E190317 The Moody Bible Institute of Chicago
Registration 08/27/2018 - 08/27/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Guthrie Peak AZ 9057, Greenlee, Clifton, AZ, AZ
32 ° 53 ' 14.32 " N LAT. 109 ° 18 ' 52.69 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 230KG7W 0.00 dBW QPSK broadcasting

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180914-04092 E E190398 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/14/2018 - 09/14/2033
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DAISY MOUNT, NORT1
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT2
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT3
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT4
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT5
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT6
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT7
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT8
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NORT9
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NOR10
LOCATION: 44611 North New River Road, NEW RIVER, AZ
33 ° 53 ' 27.19 " N LAT. 112 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MOON MOUNT, SHAW
 LOCATION: 325 West Coral Gables Drive, PHOENIX, AZ
 33 ° 37 ' 31.72 " N LAT. 112 ° 4 ' 40.41 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DAISY MOUNT, NOR11
 LOCATION: 44611 North New River Road, NEW RIVER, AZ
 33 ° 53 ' 27.19 " N LAT. 114 ° 4 ' 22.98 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DEER VALLEY, ROSE GA
 LOCATION: 2939 West Rose Garden Lane, PHOENIX, AZ
 33 ° 40 ' 34.23 " N LAT. 112 ° 7 ' 22.71 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BLACK CANY, DESERT
 LOCATION: 8602 North 31st Avenue, PHOENIX, AZ
 33 ° 33 ' 46.29 " N LAT. 112 ° 7 ' 32.75 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SPRING VALLEY
 LOCATION: 17330 East Mule Deer Drive, MAYER, AZ
 34 ° 20 ' 56.16 " N LAT. 112 ° 9 ' 30.65 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ENCANTO 1 (SP), TRAI
 LOCATION: 4601 West Encanto Boulevard, PHOENIX, AZ
 33 ° 28 ' 22.53 " N LAT. 112 ° 9 ' 31.52 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ARROWHEAD RANC, BEL
LOCATION: 4901 West Union Hills Drive, GLENDALE, AZ
33 ° 39 ' 14.63 " N LAT. 112 ° 9 ' 55.42 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ANTHEM, GAVILAN PEAK
LOCATION: 2503 West Anthem Way, ANTHEM, AZ
33 ° 51 ' 32.64 " N LAT. 112 ° 6 ' 47.13 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SANTA FE, SUN VALLEY
LOCATION: 12951 North 83rd Avenue, PEORIA, AZ
33 ° 36 ' 7.80 " N LAT. 112 ° 14 ' 13.66 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LIBERTY, PINNACLE PE
LOCATION: 22034 North 83rd Avenue, PEORIA, AZ
33 ° 41 ' 1.91 " N LAT. 112 ° 14 ' 17.26 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AGUA FRIA, INDEPEN
LOCATION: 8702 West Campbell Avenue, PHOENIX, AZ
33 ° 30 ' 6.36 " N LAT. 112 ° 14 ' 49.52 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DEWEY, GLASSFOR HIL
LOCATION: 7885 East Long Look Drive, PRESCOTT VALLEY, AZ
34 ° 36 ' 0.97 " N LAT. 112 ° 19 ' 39.25 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WILLIAMS
LOCATION: 1111 Stockmens Road, WILLIAMS, AZ
35 ° 15 ' 29.91 " N LAT. 112 ° 10 ' 31.10 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CACTUS LANE, SURPRIS

LOCATION: 14916 North Sarival Avenue, SURPRISE, AZ

 33 ° 37 ' 12.12 " N LAT. 112 ° 24 ' 35.65 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DEL RIO SPRINGS, GRA

LOCATION: 441 West Perkinsville Road, CHINO VALLEY, AZ

 34 ° 46 ' 14.36 " N LAT. 112 ° 27 ' 20.65 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GRANITE DELLS, WILLI

LOCATION: 1101 Sandretto Drive, PRESCOTT, AZ

 34 ° 36 ' 8.26 " N LAT. 112 ° 27 ' 40.82 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRADSHAW, COPPER BAS

LOCATION: 1001 Ruth Street, PRESCOTT, AZ

 34 ° 33 ' 34.06 " N LAT. 112 ° 28 ' 33.24 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CANYON TRAILS, PALM

LOCATION: 425 South Estrella Parkway, GOODYEAR, AZ

 33 ° 26 ' 31.00 " N LAT. 112 ° 23 ' 31.69 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GILA BEND

LOCATION: 231 N Euclid Ave, GILA BEND, AZ

 32 ° 57 ' 2.93 " N LAT. 112 ° 43 ' 7.02 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KAIBAB
LOCATION: 82 W Center St, MOCCASIN, AZ
36 ° 54 ' 34.69 " N LAT. 112 ° 45 ' 24.44 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WICKENBURG
LOCATION: 65 North Lazy Fox Road, WICKENBURG, AZ
33 ° 57 ' 46.56 " N LAT. 112 ° 45 ' 57.12 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AJO
LOCATION: 801 North Cedar Street, AJO, AZ
32 ° 22 ' 44.97 " N LAT. 112 ° 51 ' 57.60 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BAGDAD
LOCATION: 2 Community Dr, BAGDAD, AZ
34 ° 34 ' 2.48 " N LAT. 113 ° 10 ' 14.24 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ESTRELLA HILLS, LIBE
LOCATION: 1002 East Eason Avenue, BUCKEYE, AZ
33 ° 22 ' 23.81 " N LAT. 112 ° 34 ' 34.17 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PEACH SPRINGS
LOCATION: 375 Diamond Creek Rd, PEACH SPRINGS, AZ
35 ° 32 ' 8.49 " N LAT. 113 ° 25 ' 26.10 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WENDEN
LOCATION: 34971 Alamo Rd, WENDEN, AZ
33 ° 49 ' 37.85 " N LAT. 113 ° 32 ' 40.00 " W LONG.

ANTENNA ID:	36	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	WIKIEUP			
LOCATION:	13980 E Chicken Springs Rd, WIKIEUP, AZ			
	34 ° 42 ' 16.56 " N LAT.		113 ° 37 ' 2.53 " W LONG.	
ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	BOULDER SPRINGS, LON			
LOCATION:	610 Eastern Street, KINGMAN, AZ			
	35 ° 11 ' 42.15 " N LAT.		114 ° 0 ' 39.72 " W LONG.	
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	WELLTON			
LOCATION:	8824 South Ave 36, WELLTON, AZ			
	32 ° 41 ' 40.05 " N LAT.		114 ° 1 ' 21.69 " W LONG.	
ANTENNA ID:	39	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	HYDER			
LOCATION:	73521 North County 18th Street, HYDER, AZ			
	33 ° 4 ' 22.42 " N LAT.		113 ° 22 ' 59.92 " W LONG.	
ANTENNA ID:	40	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	DOLAN SPRINGS			
LOCATION:	16375 Pierce Ferry Road, DOLAN SPRINGS, AZ			
	35 ° 36 ' 2.53 " N LAT.		114 ° 15 ' 34.32 " W LONG.	
ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	PARKER			
LOCATION:	1416 Riata Ave, PARKER, AZ			
	34 ° 8 ' 27.31 " N LAT.		114 ° 17 ' 51.38 " W LONG.	
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		

SITE ID: ACOMA, CROSSMAN PEAK
LOCATION: 504 N Acoma Boulevard, LAKE HAVASU CITY, AZ
34 ° 29 ' 26.34 " N LAT. 114 ° 19 ' 46.00 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MOUNTAIN VIEW, RIVER
LOCATION: 1690 River Gardens Drive, BULLHEAD CITY, AZ
35 ° 6 ' 35.28 " N LAT. 114 ° 37 ' 17.96 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CIBOLA, RANCHO SEREN
LOCATION: 4300 West 16th Street, YUMA, AZ
32 ° 41 ' 55.58 " N LAT. 114 ° 40 ' 19.76 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: QUARTZSITE
LOCATION: 455 S Riggles Rd, QUARTZSITE, AZ
33 ° 39 ' 38.44 " N LAT. 114 ° 11 ' 53.07 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SAN LUIS (SP)
LOCATION: 685 N 9th Ave, SAN LUIS, AZ
32 ° 29 ' 25.00 " N LAT. 114 ° 45 ' 22.06 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- PARKER - PERMITTED LIST - ()
- ACOMA, CROSSMAN PEAK - PERMITTED LIST - ()
- AGUA FRIA, INDEPEN - PERMITTED LIST - ()
- AJO - PERMITTED LIST - ()
- ANTHEM, GAVILAN PEAK - PERMITTED LIST - ()
- ARROWHEAD RANC, BEL - PERMITTED LIST - ()

BAGDAD - PERMITTED LIST - ()

BLACK CANY, DESERT - PERMITTED LIST - ()

BOULDER SPRINGS, LON - PERMITTED LIST - ()

BRADSHAW, COPPER BAS - PERMITTED LIST - ()

CACTUS LANE, SURPRIS - PERMITTED LIST - ()

CANYON TRAILS, PALM - PERMITTED LIST - ()

CIBOLA, RANCHO SEREN - PERMITTED LIST - ()

DAISY MOUNT, NOR10 - PERMITTED LIST - ()

DAISY MOUNT, NOR11 - PERMITTED LIST - ()

DAISY MOUNT, NORT1 - PERMITTED LIST - ()

DAISY MOUNT, NORT2 - PERMITTED LIST - ()

DAISY MOUNT, NORT3 - PERMITTED LIST - ()

DAISY MOUNT, NORT4 - PERMITTED LIST - ()

DAISY MOUNT, NORT5 - PERMITTED LIST - ()

DAISY MOUNT, NORT6 - PERMITTED LIST - ()

DAISY MOUNT, NORT7 - PERMITTED LIST - ()

DAISY MOUNT, NORT8 - PERMITTED LIST - ()

DAISY MOUNT, NORT9 - PERMITTED LIST - ()

DEER VALLEY, ROSE GA - PERMITTED LIST - ()

DEL RIO SPRINGS, GRA - PERMITTED LIST - ()

DEWEY, GLASSFOR HIL - PERMITTED LIST - ()

DOLAN SPRINGS - PERMITTED LIST - ()

ENCANTO 1 (SP), TRAI - PERMITTED LIST - ()

ESTRELLA HILLS, LIBE - PERMITTED LIST - ()

GILA BEND - PERMITTED LIST - ()

GRANITE DELLS, WILLI - PERMITTED LIST - ()

HYDER - PERMITTED LIST - ()

KAIBAB - PERMITTED LIST - ()

LIBERTY, PINNACLE PE - PERMITTED LIST - ()

MOON MOUNT, SHAW - PERMITTED LIST - ()

MOUNTAIN VIEW, RIVER - PERMITTED LIST - ()

PEACH SPRINGS - PERMITTED LIST - ()

QUARTZSITE - PERMITTED LIST - ()

SAN LUIS (SP) - PERMITTED LIST - ()

SANTA FE, SUN VALLEY - PERMITTED LIST - ()

SPRING VALLEY - PERMITTED LIST - ()

WELLTON - PERMITTED LIST - ()

WENDEN - PERMITTED LIST - ()

WICKENBURG - PERMITTED LIST - ()

WIKIEUP - PERMITTED LIST - ()

WILLIAMS - PERMITTED LIST - ()

SES-REG-20180918-04066 E E190371 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/18/2018 - 09/18/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3600 Gabriel Avenue, PARSONS, KS
37 ° 20 ' 51.67 " N LAT.

95 ° 17 ' 29.20 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2

LOCATION: 1420 East Carpenter Street, IOLA, KS
37 ° 55 ' 46.82 " N LAT.

95 ° 23 ' 16.72 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3

LOCATION: 208 E. Iowa Street, HIAWATHA, KS
39 ° 50 ' 56.26 " N LAT.

95 ° 31 ' 22.12 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 3611 Southwest Jewell Avenue, TOPEKA, KS
39 ° 0 ' 7.03 " N LAT. 95 ° 42 ' 7.77 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 507 Mulberry Street, INDEPENDENCE, KS
37 ° 14 ' 48.23 " N LAT. 95 ° 42 ' 44.19 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 1212 Willow Ln, OTTAWA, KS
38 ° 35 ' 29.64 " N LAT. 95 ° 17 ' 5.23 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 2401 Southwest Kingsrow Road, TOPEKA, KS
39 ° 1 ' 27.86 " N LAT. 95 ° 46 ' 30.99 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 2313 Graphic Arts Road, EMPORIA, KS
38 ° 25 ' 35.31 " N LAT. 96 ° 13 ' 35.73 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 2812 Marlatt Avenue, MANHATTAN, KS
39 ° 13 ' 7.90 " N LAT. 96 ° 36 ' 32.69 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 1040 Pony Express Highway, MARYSVILLE, KS
39 ° 50 ' 33.67 " N LAT. 96 ° 37 ' 51.49 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
 LOCATION: 6582 322nd Road, ARKANSAS CITY, KS
 37 ° 0 ' 46.42 " N LAT. 97 ° 2 ' 50.16 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
 LOCATION: 518 Jason Street, BURLINGTON, KS
 38 ° 11 ' 55.23 " N LAT. 95 ° 45 ' 51.39 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
 LOCATION: 7011 East 13th Street North, WICHITA, KS
 37 ° 42 ' 28.88 " N LAT. 97 ° 15 ' 19.36 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
 LOCATION: 1201 Grandview Avenue, NEWTON, KS
 38 ° 3 ' 19.87 " N LAT. 97 ° 21 ' 34.85 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
 LOCATION: 1003 West 22nd Street, WELLINGTON, KS
 37 ° 16 ' 51.03 " N LAT. 97 ° 24 ' 34.96 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
 LOCATION: 401 North Westlink Avenue, WICHITA, KS
 37 ° 41 ' 22.47 " N LAT. 97 ° 26 ' 46.33 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 845 South Ohio Street, SALINA, KS
38 ° 49 ' 22.62 " N LAT. 97 ° 35 ' 37.69 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 1409 South Rock Road, DERBY, KS
37 ° 31 ' 41.95 " N LAT. 97 ° 14 ' 42.42 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 1108 Stout Street, PRATT, KS
37 ° 39 ' 20.17 " N LAT. 98 ° 43 ' 46.86 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 5851 Eisenhower Avenue, GREAT BEND, KS
38 ° 21 ' 50.47 " N LAT. 98 ° 48 ' 51.66 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 620 7th Street, PHILLIPSBURG, KS
39 ° 44 ' 36.23 " N LAT. 99 ° 19 ' 4.97 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 2901 Canal Boulevard, HAYS, KS
38 ° 53 ' 20.11 " N LAT. 99 ° 20 ' 3.04 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 2510 6th Avenue, DODGE CITY, KS
37 ° 46 ' 43.90 " N LAT. 100 ° 1 ' 25.23 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 518 East 43rd Avenue, HUTCHINSON, KS
38 ° 6 ' 5.05 " N LAT. 97 ° 55 ' 13.13 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 906 Crescent Avenue, SCOTT CITY, KS
38 ° 28 ' 38.71 " N LAT. 100 ° 55 ' 12.41 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 2180 Violet Lane, LIBERAL, KS
37 ° 3 ' 50.36 " N LAT. 100 ° 55 ' 40.77 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 1145 South Franklin Avenue, COLBY, KS
39 ° 22 ' 52.29 " N LAT. 101 ° 2 ' 43.36 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 520 East 1st Street, HUGOTON, KS
37 ° 11 ' 5.49 " N LAT. 101 ° 20 ' 22.70 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 210 West Maize Ave, ULYSSES, KS
37 ° 35 ' 22.00 " N LAT. 101 ° 21 ' 35.93 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 619 East Mary Street, GARDEN CITY, KS
37 ° 59 ' 25.73 " N LAT. 100 ° 51 ' 51.34 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 1125 Westwood Drive, DE WITT, IA
41 ° 49 ' 36.60 " N LAT. 90 ° 33 ' 50.14 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 685 Fremont Avenue, DUBUQUE, IA
42 ° 28 ' 39.08 " N LAT. 90 ° 41 ' 54.44 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 2902 Lucas Street, MUSCATINE, IA
41 ° 25 ' 26.67 " N LAT. 91 ° 4 ' 43.35 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 2727 Cliff Road, BURLINGTON, IA
40 ° 50 ' 15.03 " N LAT. 91 ° 7 ' 40.51 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 3238 Brookshire Drive, KEOKUK, IA
40 ° 25 ' 22.60 " N LAT. 91 ° 23 ' 54.04 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 1825 16th Street Northwest, CLINTON, IA
41 ° 52 ' 1.52 " N LAT. 90 ° 13 ' 22.86 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 2730 Bradford Drive, IOWA CITY, IA
41 ° 38 ' 47.48 " N LAT. 91 ° 29 ' 48.08 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 570 Dublin Drive, IOWA CITY, IA
41 ° 39 ' 13.92 " N LAT. 91 ° 35 ' 6.06 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 4300 Trailridge Road SE, CEDAR RAPIDS, IA
41 ° 59 ' 10.95 " N LAT. 91 ° 36 ' 17.51 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 1202 S Iowa Avenue, WASHINGTON, IA
41 ° 17 ' 11.74 " N LAT. 91 ° 41 ' 28.64 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 4150 Blue Jay Drive Northeast, CEDAR RAPIDS, IA
42 ° 1 ' 15.41 " N LAT. 91 ° 41 ' 31.52 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 292 Bailey Drive, MANCHESTER, IA
42 ° 28 ' 31.50 " N LAT. 91 ° 26 ' 40.14 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 2143 South 32nd Street, FAIRFIELD, IA
40 ° 59 ' 45.80 " N LAT. 92 ° 0 ' 4.11 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 1514 1st Avenue, BELLE PLAINE, IA
41 ° 54 ' 1.18 " N LAT. 92 ° 17 ' 18.58 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 3006 Pleasant Drive, CEDAR FALLS, IA
42 ° 30 ' 47.94 " N LAT. 92 ° 24 ' 32.13 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 301 West Rochester Road, OTTUMWA, IA
41 ° 3 ' 37.44 " N LAT. 92 ° 24 ' 51.36 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 1714 Pella Avenue, OSKALOOSA, IA
41 ° 18 ' 8.17 " N LAT. 92 ° 39 ' 52.88 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 509 West Water Street, FAYETTE, IA
42 ° 50 ' 41.10 " N LAT. 91 ° 48 ' 29.03 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 1405 North 11th Avenue East, NEWTON, IA
41 ° 42 ' 34.10 " N LAT. 93 ° 2 ' 5.63 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 703 South 12th Street, MARSHALLTOWN, IA

42 ° 2 ' 24.91 " N LAT.

92 ° 55 ' 56.81 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

14 - PERMITTED LIST - ()

15 - PERMITTED LIST - ()

16 - PERMITTED LIST - ()

17 - PERMITTED LIST - ()

18 - PERMITTED LIST - ()

19 - PERMITTED LIST - ()

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21 - PERMITTED LIST - ()

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40 - PERMITTED LIST - ()

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42 - PERMITTED LIST - ()

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7 - PERMITTED LIST - ()

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9 - PERMITTED LIST - ()

SES-REG-20180919-04381 E E190710 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/19/2018 - 09/19/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MANSFIELD
LOCATION: 100 Brooklyn Street, MANSFIELD, PA
41 ° 48 ' 8.85 " N LAT. 77 ° 5 ' 6.01 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WILLIAMSPORT &
LOCATION: 82 Rader Ave, COGAN STATION, PA
41 ° 18 ' 36.35 " N LAT. 77 ° 4 ' 13.65 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GETTYSBURG, HANOVER
LOCATION: 1170 Kohler Mill Road, NEW OXFORD, PA
39 ° 50 ' 34.07 " N LAT. 77 ° 3 ' 19.82 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CAMP HILL, CARLISLE
LOCATION: 216 Skyline Drive, MECHANICSBURG, PA
40 ° 14 ' 51.33 " N LAT. 77 ° 3 ' 4.77 " W LONG.

ANTENNA ID: 4 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DOVER, LEWISBERRY
LOCATION: 800 Pleasant Drive, YORK HAVEN, PA
40 ° 7 ' 26.97 " N LAT. 76 ° 50 ' 44.66 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HARRISBURG, HERSHEY
LOCATION: 4788 Union Deposit Road, HARRISBURG, PA
40 ° 16 ' 51.45 " N LAT. 76 ° 48 ' 10.17 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: LEWISBURG, SUNBURY		
LOCATION: 2294 Ridge Rd, NORTHUMBERLAND, PA		
40 ° 55 ' 45.93 " N LAT.		76 ° 45 ' 41.34 " W LONG.
ANTENNA ID: 7	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: COLUMBIA (SP), SHREW		
LOCATION: 2100 Hollywood Dr, YORK, PA		
39 ° 56 ' 28.10 " N LAT.		76 ° 41 ' 41.46 " W LONG.
ANTENNA ID: 8	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: LEBANON		
LOCATION: 455 Church Road, LEBANON, PA		
40 ° 18 ' 28.95 " N LAT.		76 ° 28 ' 45.82 " W LONG.
ANTENNA ID: 9	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: MILLERSBURG		
LOCATION: 465 Klinger Road, MILLERSBURG, PA		
40 ° 32 ' 49.14 " N LAT.		76 ° 53 ' 32.30 " W LONG.
ANTENNA ID: 10	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: ELIZABETHTOWN, LITIT		
LOCATION: 1136 Sunwood Lane, LANCASTER, PA		
40 ° 4 ' 25.60 " N LAT.		76 ° 22 ' 19.53 " W LONG.
ANTENNA ID: 11	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BERWICK		
LOCATION: 7368 School House Road, BERWICK, PA		
41 ° 3 ' 16.27 " N LAT.		76 ° 20 ' 54.65 " W LONG.
ANTENNA ID: 12	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL

SITE ID: POTTSVILLE
 LOCATION: 1501 Mahantongo Street, POTTSVILLE, PA
 40 ° 40 ' 40.96 " N LAT. 76 ° 12 ' 33.10 " W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TUNKHANNOCK
 LOCATION: 411 Mile Road, TUNKHANNOCK, PA
 41 ° 33 ' 32.41 " N LAT. 75 ° 57 ' 12.96 " W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EXETER, READING 1 &
 LOCATION: 3344 Reading Crest Avenue, READING, PA
 40 ° 23 ' 27.62 " N LAT. 75 ° 56 ' 19.39 " W LONG.

ANTENNA ID: 15 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TOWANDA
 LOCATION: 510 Ann Street, TOWANDA, PA
 41 ° 46 ' 34.65 " N LAT. 76 ° 27 ' 11.21 " W LONG.

ANTENNA ID: 16 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MONTROSE
 LOCATION: Rte 706, MONTROSE, PA
 41 ° 50 ' 31.26 " N LAT. 75 ° 48 ' 26.97 " W LONG.

ANTENNA ID: 17 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: KUTZTOWN, KUTZTOWN Y
 LOCATION: 190 Kohler Road, KUTZTOWN, PA
 40 ° 31 ' 13.28 " N LAT. 75 ° 45 ' 23.72 " W LONG.

ANTENNA ID: 18 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DOWNINGTOWN, WEST CH
 LOCATION: 1443 Telegraph Road, WEST CHESTER, PA
 39 ° 57 ' 10.08 " N LAT. 75 ° 41 ' 25.80 " W LONG.

ANTENNA ID:	19	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CLARKS SUMMIT, SCRAN			
LOCATION:	505 Griffin Pond Road, CLARKS SUMMIT, PA			
	41 ° 30 ' 8.93 " N LAT.			75 ° 40 ' 6.85 " W LONG.
ANTENNA ID:	20	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	LEHIGHTON			
LOCATION:	1140 Pohopoco Drive, LEHIGHTON, PA			
	40 ° 51 ' 2.62 " N LAT.			75 ° 39 ' 17.07 " W LONG.
ANTENNA ID:	21	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WILKES-BARRE			
LOCATION:	80 Manor Drive, TRUCKSVILLE, PA			
	41 ° 19 ' 40.63 " N LAT.			75 ° 54 ' 50.43 " W LONG.
ANTENNA ID:	22	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ALLENTOWN (SP), BETH			
LOCATION:	1881 Van Buren Drive, WHITEHALL, PA			
	40 ° 37 ' 54.42 " N LAT.			75 ° 30 ' 21.31 " W LONG.
ANTENNA ID:	23	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MILFORD			
LOCATION:	8667 Windom Drive, COOPERSBURG, PA			
	40 ° 27 ' 41.76 " N LAT.			75 ° 26 ' 49.15 " W LONG.
ANTENNA ID:	24	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	VALLEY FORGE 1, 2			
LOCATION:	2530 Stinson Lane, NORRISTOWN, PA			
	40 ° 7 ' 13.04 " N LAT.			75 ° 24 ' 25.82 " W LONG.
ANTENNA ID:	25	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: BROOMALL &
LOCATION: 721 Paxon Hollow Road, BROOMALL, PA
39 ° 57 ' 37.15 " N LAT. 75 ° 21 ' 42.26 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EASTON, NAZARETH
LOCATION: 138 Rose Inn Avenue, NAZARETH, PA
40 ° 45 ' 6.18 " N LAT. 75 ° 18 ' 1.84 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: POTTSTOWN
LOCATION: 93 Maugers Mill Road, POTTSTOWN, PA
40 ° 17 ' 0.47 " N LAT. 75 ° 38 ' 16.74 " W LONG.

ANTENNA ID: 28 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PHILADELPHIA 1, 4
LOCATION: 3913 Chestnut Street, PHILADELPHIA, PA
39 ° 57 ' 20.52 " N LAT. 75 ° 12 ' 1.81 " W LONG.

ANTENNA ID: 29 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: STROUDSBURG 1, 2, 3
LOCATION: 3232 Sunrise Drive, STROUDSBURG, PA
40 ° 59 ' 36.43 " N LAT. 75 ° 12 ' 0.23 " W LONG.

ANTENNA ID: 30 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: JARRETTOWN &
LOCATION: 1501 Limekiln Pike, DRESHER, PA
40 ° 9 ' 7.36 " N LAT. 75 ° 10 ' 20.50 " W LONG.

ANTENNA ID: 31 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DOYLESTOWN, SOUDERTO
LOCATION: 1255 Ferry Road, DOYLESTOWN, PA
40 ° 20 ' 2.90 " N LAT. 75 ° 9 ' 24.73 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: LOGAN, SPRING GARDEN
 LOCATION: 4720 North Broad Street, PHILADELPHIA, PA
 40 ° 1 ' 30.84 " N LAT. 75 ° 8 ' 52.85 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: HONESDALE
 LOCATION: 111 Old Salem Pike, HONESDALE, PA
 41 ° 35 ' 39.69 " N LAT. 75 ° 16 ' 55.43 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: MORRISVILLE
 LOCATION: 1204 Pine Grove Road, MORRISVILLE, PA
 40 ° 12 ' 41.48 " N LAT. 74 ° 48 ' 10.09 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: Mayaguez Puerto Rico
 LOCATION: 'Urb. Eugenio Maria de Hostos 100 Ave. L, Mayaguez, PR
 18 ° 8 ' 1.00 " N LAT. 67 ° 5 ' 39.68 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: Arecibo Ward
 LOCATION: Calle M Hato Abajo Jardines de Arecibo, Arecibo, PR
 18 ° 28 ' 15.04 " N LAT. 66 ° 45 ' 9.62 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

 SITE ID: Ponce 2nd & 4th Ward
 LOCATION: 1814 Calle Cascada, Ponce, PR
 18 ° 0 ' 21.36 " N LAT. 66 ° 21 ' 19.22 " W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Toa Baja Ward
LOCATION: Urb Las Colinas, Toa Baja, PR
18 ° 24 ' 21.14 " N LAT. 66 ° 13 ' 23.62 " W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PENNYPACK
LOCATION: 2072 Red Lion Road, PHILADELPHIA, PA
40 ° 5 ' 54.07 " N LAT. 75 ° 1 ' 12.72 " W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: Guayama Ward
LOCATION: Urb Rexmanor Calle Principal, Guayama, PR
17 ° 58 ' 58.79 " N LAT. 66 ° 6 ' 15.53 " W LONG.

ANTENNA ID: 41 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: Caguas Ward
LOCATION: Urb Bairoa Calle Parque Napoleon & Ave, Caguas, PR
18 ° 15 ' 39.91 " N LAT. 66 ° 2 ' 55.53 " W LONG.

ANTENNA ID: 42 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: Trujillo Alto Ward
LOCATION: Urb Villa Andalucia 123 Calle ronda, Trujillo Alto, PR
18 ° 13 ' 50.87 " N LAT. 66 ° 0 ' 53.15 " W LONG.

ANTENNA ID: 43 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: SCITUATE
LOCATION: 551 Central Pike, SCITUATE, RI
41 ° 48 ' 50.41 " N LAT. 71 ° 39 ' 26.17 " W LONG.

ANTENNA ID: 44 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Caparra Ward
LOCATION: 500 Marginal Norte, Bayamon, PR
18 ° 24 ' 42.18 " N LAT. 66 ° 7 ' 46.66 " W LONG.

ANTENNA ID: 45 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WARWICK, WARWICK YSA
LOCATION: 1000 Narragansett Parkway, WARWICK, RI
41 ° 44 ' 47.06 " N LAT. 71 ° 23 ' 47.65 " W LONG.

ANTENNA ID: 46 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: NEWPORT
LOCATION: 177 Miantonomi Avenue, MIDDLETOWN, RI
41 ° 30 ' 20.23 " N LAT. 71 ° 17 ' 40.37 " W LONG.

ANTENNA ID: 47 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: SENECA
LOCATION: 5003 Wells Highway, SENECA, SC
34 ° 40 ' 2.89 " N LAT. 82 ° 55 ' 18.98 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ANDERSON
LOCATION: 412 Harden Road, ANDERSON, SC
34 ° 31 ' 51.00 " N LAT. 82 ° 39 ' 14.85 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: NARRAGANSETT
LOCATION: 1240 Boston Neck Road, NARRAGANSETT, RI
41 ° 29 ' 36.68 " N LAT. 71 ° 26 ' 19.33 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

ALLENTOWN (SP), BETH - PERMITTED LIST - ()

ANDERSON - PERMITTED LIST - ()

Arecibo Ward - PERMITTED LIST - ()

BERWICK - PERMITTED LIST - ()

BROOMALL & - PERMITTED LIST - ()

Caguas Ward - PERMITTED LIST - ()

CAMP HILL, CARLISLE - PERMITTED LIST - ()

Caparra Ward - PERMITTED LIST - ()

CLARKS SUMMIT, SCRAN - PERMITTED LIST - ()

COLUMBIA (SP), SHREW - PERMITTED LIST - ()

DOVER, LEWISBERRY - PERMITTED LIST - ()

DOWNINGTOWN, WEST CH - PERMITTED LIST - ()

DOYLESTOWN, SOUDERTO - PERMITTED LIST - ()

EASTON, NAZARETH - PERMITTED LIST - ()

ELIZABETHTOWN, LITIT - PERMITTED LIST - ()

EXETER, READING 1 & - PERMITTED LIST - ()

GETTYSBURG, HANOVER - PERMITTED LIST - ()

Guayama Ward - PERMITTED LIST - ()

HARRISBURG, HERSHEY - PERMITTED LIST - ()

HONESDALE - PERMITTED LIST - ()

JARRETTOWN & - PERMITTED LIST - ()

KUTZTOWN, KUTZTOWN Y - PERMITTED LIST - ()

LEHIGHTON - PERMITTED LIST - ()

LEWISBURG, SUNBURY - PERMITTED LIST - ()

LOGAN, SPRING GARDEN - PERMITTED LIST - ()

MANSFIELD - PERMITTED LIST - ()

Mayaguez Puerto Rico - PERMITTED LIST - ()

MILFORD - PERMITTED LIST - ()

MILLERSBURG - PERMITTED LIST - ()

MONTROSE - PERMITTED LIST - ()

MORRISVILLE - PERMITTED LIST - ()

NARRAGANSETT - PERMITTED LIST - ()

NEWPORT - PERMITTED LIST - ()

PENNYPACK - PERMITTED LIST - ()

PHILADELPHIA 1, 4 - PERMITTED LIST - ()
Ponce 2nd & 4th Ward - PERMITTED LIST - ()
POTTSTOWN - PERMITTED LIST - ()
POTTSVILLE - PERMITTED LIST - ()
SCITUATE - PERMITTED LIST - ()
SENECA - PERMITTED LIST - ()
STROUDSBURG 1, 2, 3 - PERMITTED LIST - ()
Toa Baja Ward - PERMITTED LIST - ()
TOWANDA - PERMITTED LIST - ()
Trujillo Alto Ward - PERMITTED LIST - ()
TUNKHANNOCK - PERMITTED LIST - ()
VALLEY FORGE 1, 2 - PERMITTED LIST - ()
WARWICK, WARWICK YSA - PERMITTED LIST - ()
WILKES-BARRE - PERMITTED LIST - ()
WILLIAMSPORT & - PERMITTED LIST - ()

SES-REG-20180920-04070 E E190375 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/20/2018 - 09/20/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 110 East 14th Street, WASHINGTON, MO
 38 ° 32 ' 41.53 " N LAT.

 91 ° 0 ' 49.79 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2

LOCATION: 3619 North Hwy 47, WARRENTON, MO
 38 ° 51 ' 5.54 " N LAT.

 91 ° 8 ' 11.69 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 9 Centerville Road, HANNIBAL, MO
39 ° 42 ' 33.09 " N LAT. 91 ° 24 ' 44.56 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 1701 West Franklin Street, SALEM, MO
37 ° 38 ' 22.10 " N LAT. 91 ° 33 ' 36.17 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 693 Forum Drive, ROLLA, MO
37 ° 56 ' 53.56 " N LAT. 91 ° 45 ' 9.87 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 2800 Christie Dr, WEST PLAINS, MO
36 ° 45 ' 44.43 " N LAT. 91 ° 52 ' 41.40 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 635 Ringo Street, MEXICO, MO
39 ° 10 ' 36.84 " N LAT. 91 ° 54 ' 3.17 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 8507 Hwy E, HOUSTON, MO
37 ° 21 ' 29.29 " N LAT. 91 ° 55 ' 16.77 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 1603 Kingswood Drive, FULTON, MO
38 ° 49 ' 34.82 " N LAT. 91 ° 58 ' 10.88 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 300 East 3rd Street, MOUNTAIN VIEW, MO
36 ° 59 ' 52.59 " N LAT. 91 ° 41 ' 58.55 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 4618 Henwick Lane, JEFFERSON CITY, MO
38 ° 35 ' 34.19 " N LAT. 92 ° 16 ' 28.20 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 904 Old Highway 63 South, COLUMBIA, MO
38 ° 56 ' 24.09 " N LAT. 92 ° 18 ' 22.69 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: Hwy 24 E Jones Lane, MOBERLY, MO
39 ° 27 ' 7.21 " N LAT. 92 ° 23 ' 28.03 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 26575 Jewell Avenue, MO
39 ° 48 ' 7.68 " N LAT. 92 ° 28 ' 32.58 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 240 Hwy YY, LEBANON, MO
37 ° 41 ' 52.88 " N LAT. 92 ° 39 ' 49.96 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 123 Bosa Drive, ST ROBERT, MO
37 ° 48 ' 30.05 " N LAT. 92 ° 8 ' 24.99 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 1168 Kk Hwy, OSAGE BEACH, MO
38 ° 7 ' 6.66 " N LAT. 92 ° 41 ' 25.88 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 31469 S. Highway 5, TIPTON, MO
38 ° 36 ' 55.13 " N LAT. 92 ° 47 ' 20.74 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 1105 State Highway Cc, MARSHFIELD, MO
37 ° 21 ' 23.35 " N LAT. 92 ° 53 ' 25.33 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 1000 South Apache Drive, MARSHALL, MO
39 ° 6 ' 33.62 " N LAT. 93 ° 12 ' 55.67 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 224 Church Road, BRANSON, MO
36 ° 41 ' 11.73 " N LAT. 93 ° 13 ' 10.06 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 910 Shull Street, AVA, MO
36 ° 56 ' 40.33 " N LAT. 92 ° 40 ' 8.75 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 1201 West Broadway Boulevard, SEDALIA, MO
38 ° 42 ' 15.71 " N LAT. 93 ° 14 ' 29.77 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 904 South Kimbrough Avenue, SPRINGFIELD, MO
37 ° 11 ' 53.89 " N LAT. 93 ° 17 ' 12.35 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 4450 South Farm Road 141, SPRINGFIELD, MO
37 ° 8 ' 2.61 " N LAT. 93 ° 19 ' 24.76 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 1575 Mt Gilead Rd, BOLIVAR, MO
37 ° 35 ' 25.17 " N LAT. 93 ° 23 ' 45.84 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 1357 South Ingram Mill Road, SPRINGFIELD, MO
37 ° 11 ' 17.57 " N LAT. 93 ° 13 ' 36.16 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 102 North Bismark Street, CONCORDIA, MO
38 ° 59 ' 23.59 " N LAT. 93 ° 34 ' 14.21 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 10642 W Old 190 Hwy, CHILLICOTHE, MO
39 ° 48 ' 51.36 " N LAT. 93 ° 35 ' 0.54 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 2930 Oklahoma Avenue, TRENTON, MO
40 ° 5 ' 35.73 " N LAT. 93 ° 36 ' 11.70 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 1515 SE State Hwy Dd, WARRENSBURG, MO
38 ° 44 ' 38.30 " N LAT. 93 ° 42 ' 34.56 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 320 West Jackson Street, WILLARD, MO
37 ° 18 ' 42.60 " N LAT. 93 ° 26 ' 20.47 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 16922 Highway 39, AURORA, MO
37 ° 1 ' 31.18 " N LAT. 93 ° 46 ' 40.35 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 297 NW 40, CLINTON, MO
38 ° 22 ' 20.53 " N LAT. 93 ° 48 ' 40.83 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 3426 County Farm Road, CASSVILLE, MO
36 ° 41 ' 51.72 " N LAT. 93 ° 52 ' 40.38 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 300 East Crestview Drive, ODESSA, MO
38 ° 59 ' 13.73 " N LAT. 93 ° 57 ' 1.50 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 211 Ash Street, GALLATIN, MO
39 ° 55 ' 0.34 " N LAT. 93 ° 58 ' 58.36 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 13109 Highway O, EXCELSIOR SPRINGS, MO
39 ° 19 ' 43.23 " N LAT. 94 ° 9 ' 50.09 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 1433 South St, STOCKTON, MO
37 ° 40 ' 58.96 " N LAT. 93 ° 48 ' 12.58 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 23030 East Highway 86, GRANBY, MO
36 ° 52 ' 40.08 " N LAT. 94 ° 13 ' 40.43 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 301 North Grand Street, LAMAR, MO
37 ° 30 ' 13.18 " N LAT. 94 ° 16 ' 23.93 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 1416 South 19th Street, BLUE SPRINGS, MO
39 ° 0 ' 4.19 " N LAT. 94 ° 17 ' 11.89 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 1102 North 18th Street, ALBANY, MO
40 ° 15 ' 18.32 " N LAT. 94 ° 18 ' 58.38 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 850 Southeast Church Street, LEE'S SUMMIT, MO
38 ° 54 ' 8.56 " N LAT. 94 ° 19 ' 35.92 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 1100 East Grand Avenue, CAMERON, MO
39 ° 44 ' 28.90 " N LAT. 94 ° 13 ' 33.61 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 1226 Ridgewood Road, NEOSHO, MO
36 ° 52 ' 25.87 " N LAT. 94 ° 23 ' 35.74 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 705 West Walnut Street, INDEPENDENCE, MO
39 ° 5 ' 23.41 " N LAT. 94 ° 25 ' 28.44 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 5609 Norfleet Rd, KANSAS CITY, MO
39 ° 1 ' 9.46 " N LAT. 94 ° 25 ' 46.99 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 1130 N Clayview Dr, LIBERTY, MO
39 ° 15 ' 30.95 " N LAT. 94 ° 26 ' 19.60 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 1101 North Olive Street, NEVADA, MO
37 ° 50 ' 58.60 " N LAT. 94 ° 22 ' 16.00 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 14 - PERMITTED LIST - ()
- 15 - PERMITTED LIST - ()
- 16 - PERMITTED LIST - ()
- 17 - PERMITTED LIST - ()
- 18 - PERMITTED LIST - ()
- 19 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 20 - PERMITTED LIST - ()
- 21 - PERMITTED LIST - ()
- 22 - PERMITTED LIST - ()
- 23 - PERMITTED LIST - ()
- 24 - PERMITTED LIST - ()

25 - PERMITTED LIST - ()
26 - PERMITTED LIST - ()
27 - PERMITTED LIST - ()
28 - PERMITTED LIST - ()
29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
34 - PERMITTED LIST - ()
35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
39 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()
40 - PERMITTED LIST - ()
41 - PERMITTED LIST - ()
42 - PERMITTED LIST - ()
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47 - PERMITTED LIST - ()
48 - PERMITTED LIST - ()
49 - PERMITTED LIST - ()
5 - PERMITTED LIST - ()
50 - PERMITTED LIST - ()
6 - PERMITTED LIST - ()

7 - PERMITTED LIST - ()

8 - PERMITTED LIST - ()

9 - PERMITTED LIST - ()

SES-REG-20180920-04357 E E190686 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/20/2018 - 09/20/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8144 Holmes Road, KANSAS CITY, MO
38 ° 58 ' 45.90 " N LAT.

94 ° 34 ' 53.85 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2

LOCATION: 1415 Riverview Drive, PLATTE CITY, MO
39 ° 20 ' 56.13 " N LAT.

94 ° 46 ' 8.32 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3

LOCATION: 7 North Carriage Drive, ST JOSEPH, MO
39 ° 48 ' 44.06 " N LAT.

94 ° 48 ' 59.00 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4

LOCATION: 1721 S Munn Ave, MARYVILLE, MO
40 ° 19 ' 37.27 " N LAT.

94 ° 52 ' 58.27 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5

LOCATION: 2808 Ridge Road, COLUMBUS, MS
33 ° 33 ' 41.65 " N LAT.

88 ° 24 ' 14.17 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 231 Highway 2 Northeast, CORINTH, MS
34 ° 58 ' 57.81 " N LAT. 88 ° 29 ' 12.42 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 13025 Wornall Road, KANSAS CITY, MO
38 ° 53 ' 26.19 " N LAT. 94 ° 35 ' 40.99 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 404 West George E Allen Drive, BOONEVILLE, MS
34 ° 40 ' 9.13 " N LAT. 88 ° 34 ' 14.61 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 278 Manila Street, LUCEDALE, MS
30 ° 54 ' 52.43 " N LAT. 88 ° 35 ' 20.23 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 3072 East Church Hill Road, WEST POINT, MS
33 ° 35 ' 36.22 " N LAT. 88 ° 36 ' 25.95 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 5805 North Hills Street, MERIDIAN, MS
32 ° 24 ' 21.52 " N LAT. 88 ° 44 ' 19.07 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 1085 South Thomas Street, TUPELO, MS
34 ° 14 ' 36.43 " N LAT. 88 ° 44 ' 44.80 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 1302 Martin Street, PASCAGOULA, MS
30 ° 21 ' 0.31 " N LAT. 88 ° 31 ' 22.83 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 14928 Big Ridge Road, OCEAN SPRINGS, MS
30 ° 27 ' 2.64 " N LAT. 88 ° 51 ' 32.78 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 401 Doctors Drive, NEW ALBANY, MS
34 ° 29 ' 41.05 " N LAT. 89 ° 1 ' 39.83 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 2530 Brooklyn Avenue, KANSAS CITY, MO
39 ° 4 ' 45.79 " N LAT. 94 ° 33 ' 26.96 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 1033 Bounds Avenue, PHILADELPHIA, MS
32 ° 46 ' 6.91 " N LAT. 89 ° 4 ' 36.24 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 11148 Klein Road, GULFPORT, MS
30 ° 26 ' 46.55 " N LAT. 89 ° 5 ' 9.91 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 39608 Highway 63 North, SAND HILL, MS
31 ° 21 ' 5.08 " N LAT. 88 ° 45 ' 36.33 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 722 Hall Street, WIGGINS, MS
30 ° 50 ' 56.37 " N LAT. 89 ° 8 ' 33.72 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 1618 Broadway Drive, HATTIESBURG, MS
31 ° 18 ' 5.75 " N LAT. 89 ° 19 ' 19.64 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 1911 McLaurin Street, WAVELAND, MS
30 ° 18 ' 12.73 " N LAT. 89 ° 22 ' 37.13 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 2502 Old Highway 24, HATTIESBURG, MS
31 ° 17 ' 8.56 " N LAT. 89 ° 25 ' 20.98 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 3501 South Lamar Boulevard, OXFORD, MS
34 ° 19 ' 23.80 " N LAT. 89 ° 31 ' 21.79 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 2706 Audubon Drive, LAUREL, MS
31 ° 43 ' 25.72 " N LAT. 89 ° 8 ' 11.09 " W LONG.

SITE ID: 32
LOCATION: 1015 Park Lane, GREENWOOD, MS
33 ° 30 ' 11.62 " N LAT. 90 ° 7 ' 0.61 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 342 West Main Street, FLORENCE, MS
32 ° 9 ' 51.69 " N LAT. 90 ° 9 ' 9.40 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 1301 Pinehaven Road, CLINTON, MS
32 ° 21 ' 16.02 " N LAT. 90 ° 19 ' 28.35 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 28178 Hwy 28 East, HAZLEHURST, MS
31 ° 52 ' 26.43 " N LAT. 90 ° 22 ' 15.82 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 1501 Ingram Street, BROOKHAVEN, MS
31 ° 35 ' 37.37 " N LAT. 90 ° 26 ' 52.31 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 243 Hoy Rd, MADISON, MN
32 ° 27 ' 56.17 " N LAT. 90 ° 6 ' 20.42 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 213 East Blalock Circle, LIBERTY, MS
31 ° 9 ' 47.75 " N LAT. 90 ° 47 ' 14.83 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 6300 Indiana Avenue, VICKSBURG, MS
32 ° 19 ' 28.10 " N LAT. 90 ° 49 ' 48.53 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 1140 Wilcox Road, SWIFTWATER, MS
33 ° 19 ' 38.44 " N LAT. 91 ° 2 ' 28.24 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 162 Lower Woodville Road, NATCHEZ, MS
31 ° 32 ' 5.36 " N LAT. 91 ° 24 ' 1.49 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 120 Pleasant Hill Drive, WINONA, MN
44 ° 2 ' 44.44 " N LAT. 91 ° 42 ' 11.16 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 2155 Morman Trail Northwest, WESSON, MS
31 ° 40 ' 5.82 " N LAT. 90 ° 34 ' 28.22 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 2300 Viola Heights Drive Northeast, ROCHESTER, MN
44 ° 2 ' 51.71 " N LAT. 92 ° 25 ' 54.20 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 1002 16th Street Southeast, ROCHESTER, MN
43 ° 59 ' 58.99 " N LAT. 92 ° 26 ' 47.00 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 1405 Halvorson Road, CARLTON, MN
46 ° 40 ' 16.14 " N LAT. 92 ° 27 ' 36.16 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 602 13th Street South, VIRGINIA, MN
47 ° 30 ' 40.81 " N LAT. 92 ° 32 ' 30.50 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 3422 Hwy 23 East, ASKOV, MN
46 ° 11 ' 10.50 " N LAT. 92 ° 47 ' 26.14 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 521 Upham Road, DULUTH, MN
46 ° 48 ' 2.99 " N LAT. 92 ° 7 ' 8.47 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 11900 114th Street, COTTAGE GROVE, MN
44 ° 47 ' 0.05 " N LAT. 92 ° 51 ' 50.00 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

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- 11 - PERMITTED LIST - ()
 - 12 - PERMITTED LIST - ()
 - 13 - PERMITTED LIST - ()
 - 14 - PERMITTED LIST - ()
 - 15 - PERMITTED LIST - ()
 - 16 - PERMITTED LIST - ()
 - 17 - PERMITTED LIST - ()
 - 18 - PERMITTED LIST - ()
 - 19 - PERMITTED LIST - ()
 - 2 - PERMITTED LIST - ()
 - 20 - PERMITTED LIST - ()
 - 21 - PERMITTED LIST - ()
 - 22 - PERMITTED LIST - ()
 - 23 - PERMITTED LIST - ()
 - 24 - PERMITTED LIST - ()
 - 25 - PERMITTED LIST - ()
 - 26 - PERMITTED LIST - ()
 - 27 - PERMITTED LIST - ()
 - 28 - PERMITTED LIST - ()
 - 29 - PERMITTED LIST - ()
 - 3 - PERMITTED LIST - ()
 - 30 - PERMITTED LIST - ()
 - 31 - PERMITTED LIST - ()
 - 32 - PERMITTED LIST - ()
 - 33 - PERMITTED LIST - ()
 - 34 - PERMITTED LIST - ()
 - 35 - PERMITTED LIST - ()
 - 36 - PERMITTED LIST - ()
 - 37 - PERMITTED LIST - ()
 - 38 - PERMITTED LIST - ()

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 133 Montana Way, ENNIS, MT
 45 ° 20 ' 7.21 " N LAT. 111 ° 44 ' 25.92 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 845 US Highway 89, SUN RIVER, MT
 47 ° 32 ' 34.13 " N LAT. 111 ° 42 ' 7.42 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 295 7th Street South, FAIRFIELD, MT
 47 ° 36 ' 44.30 " N LAT. 111 ° 58 ' 33.20 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 301 4th Avenue North, CASCADE, MT
 47 ° 16 ' 38.20 " N LAT. 111 ° 42 ' 6.76 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 916 Broadway Street, TOWNSEND, MT
 46 ° 19 ' 20.90 " N LAT. 111 ° 30 ' 30.63 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 1401 9th Street Northwest, GREAT FALLS, MT
 47 ° 31 ' 9.37 " N LAT. 111 ° 19 ' 34.75 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 1015 15th Avenue South, GREAT FALLS, MT
47 ° 29 ' 20.94 " N LAT. 111 ° 17 ' 23.10 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 91 Blacktail Lane, BIG SKY, MT
45 ° 14 ' 36.48 " N LAT. 111 ° 15 ' 7.72 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 4601 3rd Avenue South, GREAT FALLS, MT
47 ° 30 ' 7.00 " N LAT. 111 ° 13 ' 38.91 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 601 5TH AVE E, THREE FORKS, MT
45 ° 53 ' 18.90 " N LAT. 111 ° 32 ' 39.63 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 2915 Colter Avenue, BOZEMAN, MT
45 ° 39 ' 3.51 " N LAT. 111 ° 2 ' 26.44 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 580 W JEFFERSON AVE, CHESTER, MT
48 ° 30 ' 42.62 " N LAT. 110 ° 58 ' 30.16 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 7185 US Highway 89, BELT, MT
47 ° 21 ' 36.87 " N LAT. 110 ° 54 ' 14.95 " W LONG.

ANTENNA ID:	15	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	16			
LOCATION:	12 White Lane, GARDINER, MT			
	45 ° 1 ' 55.83 " N LAT.		110 ° 42 ' 3.48 " W LONG.	
ANTENNA ID:	16	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	17			
LOCATION:	2211 ST CHARLES ST, FT BENTON, MT			
	47 ° 49 ' 37.46 " N LAT.		110 ° 39 ' 54.12 " W LONG.	
ANTENNA ID:	17	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	18			
LOCATION:	297 Bridger View Drive, BELGRADE, MT			
	45 ° 46 ' 37.11 " N LAT.		111 ° 10 ' 14.26 " W LONG.	
ANTENNA ID:	18	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	19			
LOCATION:	1210 East Second Avenue, BIG TIMBER, MT			
	45 ° 50 ' 31.74 " N LAT.		109 ° 56 ' 30.43 " W LONG.	
ANTENNA ID:	19	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	20			
LOCATION:	810 Pritchard St NW, HARLOWTON, MT			
	46 ° 26 ' 15.74 " N LAT.		109 ° 50 ' 35.04 " W LONG.	
ANTENNA ID:	20	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	21			
LOCATION:	1315 Washington Avenue, HAVRE, MT			
	48 ° 32 ' 19.92 " N LAT.		109 ° 41 ' 51.94 " W LONG.	
ANTENNA ID:	21	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 22
LOCATION: Circle T Lane, ABSAROKEE, MT
45 ° 31 ' 24.14 " N LAT. 109 ° 27 ' 16.59 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 120 Casino Creek Road, LEWISTOWN, MT
47 ° 3 ' 19.12 " N LAT. 109 ° 25 ' 28.78 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 110 West Summit Street, LIVINGSTON, MT
45 ° 40 ' 3.81 " N LAT. 110 ° 34 ' 3.06 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 204 - 4th STREET EAST, CHINOOK, MT
48 ° 35 ' 30.71 " N LAT. 109 ° 13 ' 44.52 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 10 Dutch Ln, BELFRY, MT
45 ° 9 ' 34.15 " N LAT. 109 ° 0 ' 12.02 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 504 West 11th Street, LAUREL, LA
45 ° 40 ' 49.38 " N LAT. 108 ° 46 ' 41.00 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 2929 Belvedere Drive, BILLINGS, MT
45 ° 46 ' 59.54 " N LAT. 108 ° 35 ' 28.57 " W LONG.

ANTENNA ID:	28	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	29			
LOCATION:	1300 5th St W, ROUNDUP, MT			
	46 ° 27 ' 16.57 " N LAT.			108 ° 32 ' 57.17 " W LONG.
ANTENNA ID:	29	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	30			
LOCATION:	4 West Fork Road, RED LODGE, MT			
	45 ° 10 ' 19.31 " N LAT.			109 ° 15 ' 24.29 " W LONG.
ANTENNA ID:	30	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	31			
LOCATION:	611 South 4th Street East, MALTA, MT			
	48 ° 21 ' 24.49 " N LAT.			107 ° 51 ' 45.73 " W LONG.
ANTENNA ID:	31	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	32			
LOCATION:	920 North Cody Avenue, HARDIN, MT			
	45 ° 44 ' 17.17 " N LAT.			107 ° 36 ' 39.81 " W LONG.
ANTENNA ID:	32	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	33			
LOCATION:	102 Montana St, JORDAN, MT			
	47 ° 19 ' 4.98 " N LAT.			106 ° 54 ' 14.08 " W LONG.
ANTENNA ID:	33	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	34			
LOCATION:	12 Purkett Rd, FORSYTH, MT			
	46 ° 16 ' 22.55 " N LAT.			106 ° 42 ' 24.02 " W LONG.
ANTENNA ID:	34	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 35
LOCATION: 15 Airport Road, GLASGOW, MT
48 ° 12 ' 37.41 " N LAT. 106 ° 38 ' 26.28 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 1640 Broadmoor Drive, BILLINGS, MT
45 ° 49 ' 41.94 " N LAT. 108 ° 30 ' 1.19 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 825 South Moorehead Avenue, MILES CITY, MT
46 ° 23 ' 59.40 " N LAT. 105 ° 49 ' 32.59 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: Dayton And 6th Avenue North, WOLF POINT, MT
48 ° 5 ' 39.14 " N LAT. 105 ° 38 ' 49.47 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 416 G Street, POPLAR, MT
48 ° 6 ' 47.78 " N LAT. 105 ° 11 ' 4.96 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 1900 N Anderson Ave, GLENDIVE, MT
47 ° 7 ' 16.25 " N LAT. 104 ° 41 ' 39.93 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 1215 5th Street Southwest, SIDNEY, MT
47 ° 42 ' 47.18 " N LAT. 104 ° 10 ' 23.02 " W LONG.

ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	42			
LOCATION:	115 Cherry Street, COLSTRIP, MT			
	45 ° 52 ' 44.36 " N LAT.			106 ° 37 ' 37.72 " W LONG.
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	43			
LOCATION:	936 West 10th Street, CHADRON, NE			
	42 ° 49 ' 17.81 " N LAT.			103 ° 0 ' 51.12 " W LONG.
ANTENNA ID:	43	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	44			
LOCATION:	6520 210th Lane, GORDON, NE			
	42 ° 48 ' 11.89 " N LAT.			102 ° 13 ' 21.61 " W LONG.
ANTENNA ID:	44	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	45			
LOCATION:	31339 West Emerson Avenue, SUTHERLAND, NE			
	41 ° 9 ' 30.51 " N LAT.			101 ° 8 ' 17.90 " W LONG.
ANTENNA ID:	45	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	46			
LOCATION:	4111 Parkridge Road, NORTH PLATTE, NE			
	41 ° 7 ' 57.02 " N LAT.			100 ° 48 ' 40.85 " W LONG.
ANTENNA ID:	46	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	47			
LOCATION:	411 Elizabeth Lane, MCCOOK, NE			
	40 ° 13 ' 7.32 " N LAT.			100 ° 37 ' 15.08 " W LONG.
ANTENNA ID:	47	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 48
LOCATION: 501 Winter Creek Drive, SCOTTSBLUFF, NE
41 ° 52 ' 41.86 " N LAT. 103 ° 39 ' 20.00 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 1407 West 13th Street, LEXINGTON, NE
40 ° 47 ' 13.57 " N LAT. 99 ° 45 ' 48.53 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 339 West 4th Street, VALENTINE, NE
42 ° 52 ' 32.71 " N LAT. 100 ° 33 ' 19.85 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
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SES-REG-20180920-04488 E E190830 SUNFLOWER COMMUNICATIONS, INC., DBA KINO RADIO
Registration 09/20/2018 - 09/20/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: EAST END OF EASY ST, NAVAJO, WINSLOW, AZ
35 ° 2 ' 6.20 " N LAT. 110 ° 42 ' 58.60 " W LONG.

ANTENNA ID: ANT01 3.7 meters DH SATELLITE 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL AUDIO & DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180926-03793 E E190096 iHeartMedia + Entertainment, Inc.
Registration 09/26/2018 - 09/26/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MEM-023
LOCATION: 2650 Thousand Oaks Blvd Suite 4100, Shelby, Memphis, TN
35 ° 4 ' 36.00 " N LAT. 89 ° 54 ' 4.00 " W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CED-013
LOCATION: 600 OLD MARION ROAD NE, LINN, CEDAR RAPIDS, IA
42 ° 1 ' 37.10 " N LAT. 91 ° 38 ' 25.59 " W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 934D0015-G1
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AME-003
LOCATION: 415 MAIN STREET, STORY, AMES, IA
42 ° 1 ' 30.00 " N LAT. 93 ° 36 ' 58.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CED-013
LOCATION: 600 OLD MARION ROAD NE, LINN, CEDAR RAPIDS, IA
42 ° 1 ' 39.25 " N LAT. 91 ° 38 ' 26.06 " W LONG.

ANTENNA ID: ANT1 3.2 meters SCIENTIFIC ATLANTA SERIES 9000
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DES-010
LOCATION: 2141 GRAND AVE, POLK, DES MOINES, IA
41 ° 35 ' 5.00 " N LAT. 93 ° 38 ' 47.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DES-016
LOCATION: 1549 NE 66TH AVE, POLK, DES MOINES, IA
41 ° 40 ' 45.00 " N LAT. 93 ° 35 ' 47.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MLI-007
LOCATION: 3535 EAST KIMBERLY ROAD, SCOTT, DAVENPORT, IA
41 ° 32 ' 55.40 " N LAT. 90 ° 31 ' 26.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SIO-007
LOCATION: 1113 NEBRASKA ST, WOODBURY, SIOUX CITY, IA
42 ° 30 ' 8.94 " N LAT. 96 ° 24 ' 13.79 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G1
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WIC-011
LOCATION: 9323 EAST 37TH STREET NORTH, SEDGWICK, WICHITA, KS
37 ° 45 ' 4.00 " N LAT. 97 ° 13 ' 45.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 3.7

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MIN-020
LOCATION: 1600 UTICA AVENUE SOUTH SUITE 500, HENNEPIN, SAINT LOUIS PARK, MN
44 ° 57 ' 59.20 " N LAT. 93 ° 20 ' 45.80 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G1

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ABQ-007
LOCATION: al SUITE 100, BERNALILLO, ALBUQUERQUE, NM
35 ° 8 ' 33.90 " N LAT. 106 ° 35 ' 56.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: IAC-001
LOCATION: 3365 NE DUBUQUE ST, JOHNSON, IOWA CITY, IA
41 ° 41 ' 17.68 " N LAT. 91 ° 32 ' 39.26 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.7 meters DH SATELLITE 3.7M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FRM-002
LOCATION: 200 EAST BROADWAY, SAN JUAN COUNTY, FARMINGTON, NM
36 ° 43 ' 42.00 " N LAT. 108 ° 12 ' 15.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: FAY-014
LOCATION: 2049 EAST JOYCE BLVD SUITE 101, WASHINGTON, FAYETTEVILLE, AR
36 ° 7 ' 8.25 " N LAT. 94 ° 7 ' 55.20 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: RST-007
LOCATION: 1530 GREENVIEW DR, SW SUITE 200, OLMSTED, ROCHESTER, MN
44 ° 0 ' 11.00 " N LAT. 92 ° 29 ' 8.88 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT AZ-EI
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BIS-007
LOCATION: 3500 EAST ROSSER AVE, BURLEIGH, BISMARCK, ND
46 ° 48 ' 33.45 " N LAT. 100 ° 44 ' 12.19 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 4.5 meters DH SATELLITE 4.5
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ELP-004
LOCATION: 4045 N MESA, EL PASO, EL PASO, TX
31 ° 47 ' 22.80 " N LAT. 106 ° 30 ' 28.82 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 829165-G1
3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.8 meters COMTECH 829165-G1
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: GRF-001
LOCATION: 505 UNIVERSITY AVENUE, GRAND FORKS, GRAND FORKS, ND
47 ° 55 ' 31.00 " N LAT. 97 ° 2 ' 11.30 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MNT-010
LOCATION: 1000 20TH AVE SW, WARD, MINOT, ND
48 ° 12 ' 41.00 " N LAT. 101 ° 18 ' 26.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: OGA-001
LOCATION: 113 WEST 4TH STREET, KEITH, OGALLALA, NE
41 ° 7 ' 39.60 " N LAT. 101 ° 43 ' 13.55 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: OMA-008
LOCATION: 5010 UNDERWOOD AVENUE, DOUGLAS, OMAHA, NE
41 ° 15 ' 55.48 " N LAT. 95 ° 59 ' 26.82 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 4096-225
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.4 meters PRODELIN 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DIC-002
LOCATION: 11291 39TH STREET SW, STARK, DICKINSON, ND
46 ° 50 ' 53.00 " N LAT. 102 ° 49 ' 48.00 " W LONG.

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MSN-008
LOCATION: 2651 S FISH HATCHERY ROAD, DANE, MADISON, WI
42 ° 59 ' 56.50 " N LAT. 89 ° 25 ' 45.30 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.6 meters DH SATELLITE 3.6M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MIL-002
LOCATION: 12100 W HOWARD AVENUE, MILWAUKEE, GREENFIELD, WI
42 ° 58 ' 28.00 " N LAT. 88 ° 3 ' 58.00 " W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FSM-004
LOCATION: 311 Lexington Ave, Sebastian, Fort Smith, AR
35 ° 22 ' 51.22 " N LAT. 94 ° 25 ' 1.85 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: BDL-001
LOCATION: 10 COLUMBUS BLVD FIRST FLOOR, HARTFORD, HARTFORD, CT
41 ° 45 ' 33.48 " N LAT. 72 ° 40 ' 8.04 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EAU-002
LOCATION: 619 CAMERON, EAU CLAIRE, EAU CLAIRE, WI
44 ° 48 ' 57.00 " N LAT. 91 ° 31 ' 7.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G1
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3 meters DH SATELLITE UNKNOWN
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT3 3 meters PRODELIN 1344-1305
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WAS-024
LOCATION: 1801 ROCKVILLE PIKE 5TH FLOOR, MONTGOMERY, ROCKVILLE, MD
39 ° 3 ' 33.00 " N LAT. 77 ° 7 ' 24.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WIL-023
LOCATION: 920 WEST BASIN ROAD SUITE 400, NEW CASTLE, NEW CASTLE, DE
39 ° 41 ' 44.42 " N LAT. 75 ° 35 ' 56.58 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WIL-010
LOCATION: 1575 MCKEE ROAD SUITE 206, KENT, DOVER, DE
39 ° 11 ' 16.50 " N LAT. 75 ° 33 ' 51.70 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	WIL-026			
LOCATION:	5595 WEST DENNEYS RD, KENT, DOVER, DE			
	39 ° 12 ' 2.41 " N LAT.			75 ° 33 ' 49.75 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	NHA-001			
LOCATION:	495 BENHAM STREET, NEW HAVEN, HAMDEN, CT			
	41 ° 22 ' 3.20 " N LAT.			72 ° 56 ' 24.10 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	ANT2	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	HAW-001			
LOCATION:	650 IWILEI ROAD SUITE 400, HONOLULU, HONOLULU, HI			
	21 ° 18 ' 35.00 " N LAT.			157 ° 51 ' 36.00 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8
	3700.0000 - 4200.0000 MHz		36M0GTW	
ANTENNA ID:	ANT2	4.9 meters	Orbitron	4.9
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	LTR-010			
LOCATION:	10800 COLONEL GLENN RD, PULASKI, LITTLE ROCK, AR			
	34 ° 42 ' 51.35 " N LAT.			92 ° 23 ' 50.82 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	OKC-001			
LOCATION:	1900 NW EXPRESSWAY SUITE 1000, OKLAHOMA, OKLAHOMA CITY, OK			
	35 ° 31 ' 18.70 " N LAT.			97 ° 32 ' 44.00 " W LONG.
ANTENNA ID:	ANT1	4.1 meters	COMTECH	847130-G2
	3700.0000 - 4200.0000 MHz		36M0GTW	

SITE ID: PHX-035
 LOCATION: 4686 E VAN BUREN ST SUITE 300, MARICOPA, PHOENIX, AZ
 33 ° 27 ' 10.00 " N LAT. 111 ° 59 ' 5.50 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8
 3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.7 meters PRODELIN 1375
 3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: GAL-006
 LOCATION: 1632 S SECOND STREET, MCKINLEY, GALLUP, NM
 35 ° 30 ' 46.00 " N LAT. 108 ° 44 ' 21.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375
 3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SPR-015
 LOCATION: 410 OLD COUNTY ROAD, HAMPDEN, HOLYOKE, MA
 42 ° 11 ' 36.34 " N LAT. 72 ° 41 ' 10.87 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WOR-006
 LOCATION: 96 STEREO LANE LOT 1, ASSESSORS MAP 26, LOT 108, WORCESTER, PAXTON, MA
 42 ° 18 ' 33.28 " N LAT. 71 ° 54 ' 9.53 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HYA-001
 LOCATION: 154 BARNSTABLE ROAD, BARNSTABLE, HYANNIS, MA
 41 ° 39 ' 26.59 " N LAT. 70 ° 17 ' 0.34 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375
 3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8M
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TUC-003
 LOCATION: 3202 N ORACLE ROAD, PIMA, TUCSON, AZ
 32 ° 15 ' 57.44 " N LAT. 110 ° 58 ' 35.73 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
		3700.0000 - 4200.0000 MHz	36M0GTW	
SITE ID:	BOS-037			
LOCATION:	ONE CABOT ROAD SUITE 320, MIDDLESEX, MEDFORD, MA			
	42 ° 24 ' 19.44 " N LAT.		71 ° 4 ' 30.00 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8 M PRIME FOCUS
		3700.0000 - 4200.0000 MHz	36M0G7W	
SITE ID:	AVL-009			
LOCATION:	13 SUMMERLIN DRIVE, BUNCOMBE, ASHEVILLE, NC			
	35 ° 35 ' 46.00 " N LAT.		82 ° 36 ' 16.00 " W LONG.	
ANTENNA ID:	ANT1	3.7 meters	SATCOM TECHNOLOGIES	1375
		3700.0000 - 4200.0000 MHz	36M0GTW	
SITE ID:	CHS-001			
LOCATION:	950 HOUSTON NORTHCUTT BLVD, CHARLESTON, MOUNT PLEASANT, SC			
	32 ° 48 ' 3.70 " N LAT.		79 ° 53 ' 28.88 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8 PRIME FOCUS
		3700.0000 - 4200.0000 MHz	36M0GTW	
SITE ID:	CLT-003			
LOCATION:	801 WOOD RIDGE CENTER DRIVE, MECKLENBURG, CHARLOTTE, NC			
	35 ° 11 ' 1.00 " N LAT.		80 ° 53 ' 39.00 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8M
		3700.0000 - 4200.0000 MHz	36M0GTW	
SITE ID:	CLT-003			
LOCATION:	801 WOOD RIDGE CENTER DRIVE, MECKLENBURG, CHARLOTTE, NC			
	35 ° 11 ' 3.00 " N LAT.		80 ° 53 ' 40.00 " W LONG.	
ANTENNA ID:	ANT1	4.6 meters	ANDREW	4.6 METER
		3700.0000 - 4200.0000 MHz	36M0GTW	
SITE ID:	TUL-027			
LOCATION:	7136 S YALE AVE SUITE 500, TULSA, TULSA, OK			
	36 ° 3 ' 32.30 " N LAT.		95 ° 55 ' 24.22 " W LONG.	
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1374
		3700.0000 - 4200.0000 MHz	36M0GTW	

ANTENNA ID: ANT2 5 meters COMTECH 5.0 Meter
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: FLO-001
LOCATION: 181 E EVANS ST, FLORENCE, FLORENCE, SC
34 ° 11 ' 50.78 " N LAT. 79 ° 45 ' 49.84 " W LONG.

ANTENNA ID: ANT1 3.8 meters PRODELIN 1375
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: GRB-003
LOCATION: 2 PAI PARK SUITE B, GUILFORD, GREENSBORO, NC
36 ° 4 ' 23.39 " N LAT. 79 ° 57 ' 41.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: BAL-010
LOCATION: 711 W 40TH STREET SUITE 350, BALTIMORE, BALTIMORE, MD
39 ° 20 ' 9.00 " N LAT. 76 ° 37 ' 48.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FRE-003
LOCATION: 5966 GROVE HILL ROAD, FREDERICK, FREDERICK, MD
39 ° 24 ' 56.30 " N LAT. 77 ° 27 ' 34.30 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: COL-008
LOCATION: 316 GREYSTONE BLVD, RICHLAND, COLUMBIA, SC
34 ° 0 ' 56.82 " N LAT. 81 ° 4 ' 28.47 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MAN-009
LOCATION: 70 FOUNDRY STREET SUITE 300, HILLSBOROUGH, MANCHESTER, NH
42 ° 59 ' 29.00 " N LAT. 71 ° 28 ' 20.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT CHALLENGER
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PMH-001
LOCATION: 815 LAFAYETTE RD, ROCKINGHAM, PORTSMOUTH, NH
43 ° 3 ' 6.85 " N LAT. 70 ° 4 ' 6.10 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: EWR-009
LOCATION: 45 ED MITCHELL AVE, SUSSEX, FRANKLIN, NJ
41 ° 7 ' 13.72 " N LAT. 74 ° 34 ' 40.43 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ALB-016
LOCATION: 1203 TROY SCHENECTADY ROAD SUITE 201, ALBANY, LATHAM, NY
42 ° 46 ' 22.50 " N LAT. 73 ° 49 ' 16.70 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G1
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3 meters CHANNEL MASTER UNKNOWN
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SBY-012
LOCATION: 351 TILGHMAN ROAD, WICOMICO, SALISBURY, MD
38 ° 21 ' 51.00 " N LAT. 75 ° 32 ' 38.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: NYC-089
LOCATION: 710 EDWIN L WARD SR MEM BLVD, BERGEN, RUTHERFORD, NJ
40 ° 47 ' 53.78 " N LAT. 74 ° 5 ' 29.52 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GSP-012
LOCATION: 101 N MAIN ST SUITE 1000, GREENVILLE, GREENVILLE, SC
34 ° 51 ' 7.00 " N LAT. 82 ° 23 ' 55.10 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MYR-001
LOCATION: 4841 HWY 17 BYPASS S, HORRY, MYRTLE BEACH, SC
33 ° 40 ' 37.40 " N LAT. 78 ° 57 ' 52.04 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: RAL-030
LOCATION: 2132 TEN TEN ROD, WAKE, APEX, NC
35 ° 42 ' 50.15 " N LAT. 78 ° 49 ' 4.14 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: BIN-001
LOCATION: 320 NORTH JENSEN ROAD, BROOME, VESTAL, NY
42 ° 6 ' 7.08 " N LAT. 75 ° 59 ' 39.83 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AKN-016
LOCATION: 7755 FREEDOM AVENUE NW, STARK, NORTH CANTON, OH
40 ° 53 ' 35.95 " N LAT. 81 ° 25 ' 48.83 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS UNKNOWN

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MNS-001
LOCATION: 1400 RADIO LANE, RICHLAND, MANSFIELD, OH
40 ° 46 ' 1.00 " N LAT. 82 ° 32 ' 48.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CHI-064
LOCATION: 8601 S KEDZIE AVE, COOK, CHICAGO, IL
41 ° 44 ' 12.65 " N LAT. 87 ° 42 ' 2.28 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CHI-023
LOCATION: 233 N MICHIGAN AVE SUITE 2700, COOK, CHICAGO, IL
41 ° 53 ' 13.00 " N LAT. 87 ° 37 ' 24.41 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	SAV-004			
LOCATION:	245 ALFRED STREET, CHATHAM, SAVANNAH, GA		81 ° 8 ' 49.48 " W LONG.	
	32 ° 5 ' 23.70 " N LAT.			
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1375
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	WCH-001			
LOCATION:	1535 N NORTH STREET, FAYETTE, WASHINGTON COURT HOU, OH		83 ° 27 ' 4.51 " W LONG.	
	39 ° 33 ' 0.33 " N LAT.			
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
ANTENNA ID:	ANT2	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	CIN-050			
LOCATION:	1906 HIGHLAND AVENUE, HAMILTON, CINCINNATI, OH		84 ° 30 ' 8.00 " W LONG.	
	39 ° 6 ' 58.00 " N LAT.			
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	PRT-380
	3700.0000 - 4200.0000 MHz		36M0GTW	
ANTENNA ID:	ANT2	3 meters	COMTECH	928D0100-G1
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	NYC-034			
LOCATION:	333 MEADOWLANDS PKWY 5TH FLOOR, HUDSON, SECAUCUS, NJ		74 ° 4 ' 57.90 " W LONG.	
	40 ° 46 ' 46.63 " N LAT.			
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	POU-001			
LOCATION:	20 TUCKER DRIVE, DUTCHESS, POUGHKEEPSIE, NY		73 ° 53 ' 15.30 " W LONG.	
	41 ° 42 ' 17.82 " N LAT.			
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: CHL-001
LOCATION: 45 WEST MAIN STREET, ROSS, CHILLICOTHE, OH
39 ° 19 ' 59.74 " N LAT. 82 ° 59 ' 1.33 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CLE-025
LOCATION: 6200 OAK TREE BLVD SUITE 400, CUYAHOGA, CLEVELAND, OH
41 ° 23 ' 36.40 " N LAT. 81 ° 39 ' 44.20 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CSP-001
LOCATION: 2864 SOUTH CIRCLE DRIVE SUITE 150, EL PASO, COLORADO SPRINGS, CO
38 ° 47 ' 51.95 " N LAT. 104 ° 47 ' 38.66 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CLM-012
LOCATION: 2323 W FIFTH AVE SUITE 200, FRANKLIN, COLUMBUS, OH
39 ° 59 ' 17.37 " N LAT. 83 ° 4 ' 4.64 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: DAY-002
LOCATION: 101 PINE ST, MONTGOMERY, DAYTON, OH
39 ° 45 ' 29.41 " N LAT. 84 ° 11 ' 6.60 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3 meters COMTECH 3m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: CIN-028
LOCATION: 8044 MONTGOMERY ROAD SUITE 650, HAMILTON, CINCINNATI, OH
39 ° 12 ' 3.36 " N LAT. 84 ° 22 ' 17.23 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: ROC-017
LOCATION: 100 CHESTNUT STREET SUITE 1700, MONROE, ROCHESTER, NY
43 ° 9 ' 17.00 " N LAT. 77 ° 36 ' 8.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SYR-025
LOCATION: 500 PLUM STREET SUITE 400, ONONDAGA, SYRACUSE, NY
43 ° 3 ' 17.99 " N LAT. 76 ° 9 ' 32.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ABE-008
LOCATION: 1541 ALTA DRIVE SUITE 400, WHITEHALL TOWNSHIP, WHITEHALL, PA
40 ° 37 ' 37.50 " N LAT. 75 ° 29 ' 10.60 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HAR-001
LOCATION: 600 CORPORATE CIRCLE, DAUPHIN, HARRISBURG, PA
40 ° 18 ' 24.29 " N LAT. 76 ° 50 ' 57.82 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: POU-002
LOCATION: 5620 ROUTE 9G, COLUMBIA, HUDSON, NY
42 ° 12 ' 4.31 " N LAT. 73 ° 50 ' 11.21 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: DEF-002
LOCATION: 2110 RADIO DRIVE, DEFIANCE, DEFIANCE, OH
41 ° 16 ' 40.00 " N LAT. 84 ° 23 ' 50.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: DEF-004
LOCATION: 709 N PERRY, HENRY, NAPOLEON, OH
41 ° 23 ' 29.00 " N LAT. 84 ° 7 ' 30.70 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 1374
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: DEN-002
LOCATION: 4695 SOUTH MONACO STREET, DENVER, DENVER, CO
39 ° 37 ' 39.87 " N LAT. 104 ° 54 ' 43.51 " W LONG.

ANTENNA ID: ANT1 3.8 meters PRODELIN 1386
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: DTW-017
LOCATION: 27675 HALSTEAD ROAD, OAKLAND, FARMINGTON HILLS, MI
42 ° 29 ' 46.19 " N LAT. 83 ° 25 ' 8.91 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: DEF-008
LOCATION: ROSEBROOK RD, DEFIANCE, SHERWOOD, OH
41 ° 17 ' 29.00 " N LAT. 84 ° 32 ' 15.00 " W LONG.

ANTENNA ID: ANT1 3.1 meters PATRIOT PRT310
3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.7 meters ABF 3.7
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MKG-001
LOCATION: 3565 GREEN ST, MUSKEGON, MUSKEGON, MI
43 ° 11 ' 16.70 " N LAT. 86 ° 14 ' 11.80 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: GRA-001
LOCATION: 77 MONROE CENTER SUITE 1000, KENT, GRAND RAPIDS, MI
42 ° 57 ' 51.60 " N LAT. 85 ° 40 ' 10.40 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8
3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.8 meters PATRIOT 3.8
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: IND-026
LOCATION: 6161 FALL CREEK ROAD, MARION, INDIANAPOLIS, IN
 39 ° 51 ' 53.00 " N LAT. 86 ° 3 ' 41.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: LEX-001
LOCATION: 2601 NICHOLASVILLE ROAD, FAYETTE, LEXINGTON, KY
 37 ° 59 ' 56.00 " N LAT. 84 ° 31 ' 20.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: FTC-007
LOCATION: 4270 BYRD DRIVE, LARIMER, LOVELAND, CO
 40 ° 26 ' 10.20 " N LAT. 104 ° 59 ' 40.70 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 945710212
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: LOU-004
LOCATION: 4000 RADIO DRIVE SUITE 1, JEFFERSON, LOUISVILLE, KY
 38 ° 11 ' 46.31 " N LAT. 85 ° 41 ' 6.82 " W LONG.

ANTENNA ID: ANT1 3.2 meters CHANNEL MASTER 16
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MAR-001
LOCATION: 1330 N MAIN ST, MARION, MARION, OH
 40 ° 36 ' 50.00 " N LAT. 83 ° 7 ' 49.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MKG-001
LOCATION: 3565 GREEN ST, MUSKEGON, MUSKEGON, MI
 43 ° 11 ' 16.70 " N LAT. 86 ° 14 ' 11.80 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: PUB-001
LOCATION: 106 WEST 24TH STREET, PUEBLO, PUEBLO, CO
38 ° 17 ' 25.38 " N LAT. 104 ° 36 ' 28.70 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: LIM-004
LOCATION: 667 WEST MARKET STREET, ALLEN, LIMA, OH
40 ° 44 ' 22.00 " N LAT. 84 ° 6 ' 57.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G1

3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.1 meters PATRIOT PRT310

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SOM-004
LOCATION: 101 FIRST RADIO LANE, PULASKI, SOMERSET, KY
37 ° 7 ' 5.00 " N LAT. 84 ° 36 ' 41.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SGF-003
LOCATION: 1856 SOUTH GLENSTONE, GREENE, SPRINGFIELD, MO
37 ° 10 ' 47.73 " N LAT. 93 ° 15 ' 41.20 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 4096-225

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: TOL-022
LOCATION: 125 SOUTH SUPERIOR STREET LOT 494, LOT 1 & 2 OF LOT 495, LUCAS, TOLEDO, OH
41 ° 38 ' 45.36 " N LAT. 83 ° 32 ' 25.70 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 2.8 meters SCIENTIFIC ATLANTA 9000

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: YNG-001
LOCATION: 7461 SOUTH AVE, MAHONING, YOUNGSTOWN, OH
41 ° 1 ' 12.00 " N LAT. 80 ° 38 ' 1.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: STL-012
LOCATION: 1001 HIGHLANDS PLAZA DR SUITE 100, ST LOUIS, STLOUIS, MO
 38 ° 37 ' 48.85 " N LAT. 90 ° 17 ' 0.49 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

Points of Communication:

- ABE-008 - PERMITTED LIST - ()
- ABQ-007 - PERMITTED LIST - ()
- AKN-016 - PERMITTED LIST - ()
- ALB-016 - PERMITTED LIST - ()
- AME-003 - PERMITTED LIST - ()
- AVL-009 - PERMITTED LIST - ()
- BAL-010 - PERMITTED LIST - ()
- BDL-001 - PERMITTED LIST - ()
- BIN-001 - PERMITTED LIST - ()
- BIS-007 - PERMITTED LIST - ()
- BOS-037 - PERMITTED LIST - ()
- CED-013 - PERMITTED LIST - ()
- CED-013 - PERMITTED LIST - ()
- CHI-023 - PERMITTED LIST - ()
- CHI-064 - PERMITTED LIST - ()
- CHL-001 - PERMITTED LIST - ()
- CHS-001 - PERMITTED LIST - ()
- CIN-028 - PERMITTED LIST - ()
- CIN-050 - PERMITTED LIST - ()
- CLE-025 - PERMITTED LIST - ()
- CLM-012 - PERMITTED LIST - ()
- CLT-003 - PERMITTED LIST - ()

CLT-003 - PERMITTED LIST - ()
COL-008 - PERMITTED LIST - ()
CSP-001 - PERMITTED LIST - ()
DAY-002 - PERMITTED LIST - ()
DEF-002 - PERMITTED LIST - ()
DEF-004 - PERMITTED LIST - ()
DEF-008 - PERMITTED LIST - ()
DEN-002 - PERMITTED LIST - ()
DES-010 - PERMITTED LIST - ()
DES-016 - PERMITTED LIST - ()
DIC-002 - PERMITTED LIST - ()
DTW-017 - PERMITTED LIST - ()
EAU-002 - PERMITTED LIST - ()
ELP-004 - PERMITTED LIST - ()
EWR-009 - PERMITTED LIST - ()
FAY-014 - PERMITTED LIST - ()
FLO-001 - PERMITTED LIST - ()
FRE-003 - PERMITTED LIST - ()
FRM-002 - PERMITTED LIST - ()
FSM-004 - PERMITTED LIST - ()
FTC-007 - PERMITTED LIST - ()
GAL-006 - PERMITTED LIST - ()
GRA-001 - PERMITTED LIST - ()
GRB-003 - PERMITTED LIST - ()
GRF-001 - PERMITTED LIST - ()
GSP-012 - PERMITTED LIST - ()
HAR-001 - PERMITTED LIST - ()
HAW-001 - PERMITTED LIST - ()
HYA-001 - PERMITTED LIST - ()
IAC-001 - PERMITTED LIST - ()

IND-026 - PERMITTED LIST - ()
LEX-001 - PERMITTED LIST - ()
LIM-004 - PERMITTED LIST - ()
LOU-004 - PERMITTED LIST - ()
LTR-010 - PERMITTED LIST - ()
MAN-009 - PERMITTED LIST - ()
MAR-001 - PERMITTED LIST - ()
MEM-023 - PERMITTED LIST - ()
MIL-002 - PERMITTED LIST - ()
MIN-020 - PERMITTED LIST - ()
MKG-001 - PERMITTED LIST - ()
MKG-001 - PERMITTED LIST - ()
MLI-007 - PERMITTED LIST - ()
MNS-001 - PERMITTED LIST - ()
MNT-010 - PERMITTED LIST - ()
MSN-008 - PERMITTED LIST - ()
MYR-001 - PERMITTED LIST - ()
NHA-001 - PERMITTED LIST - ()
NYC-034 - PERMITTED LIST - ()
NYC-089 - PERMITTED LIST - ()
OGA-001 - PERMITTED LIST - ()
OKC-001 - PERMITTED LIST - ()
OMA-008 - PERMITTED LIST - ()
PHX-035 - PERMITTED LIST - ()
PMH-001 - PERMITTED LIST - ()
POU-001 - PERMITTED LIST - ()
POU-002 - PERMITTED LIST - ()
PUB-001 - PERMITTED LIST - ()
RAL-030 - PERMITTED LIST - ()
ROC-017 - PERMITTED LIST - ()

RST-007 - PERMITTED LIST - ()

SAV-004 - PERMITTED LIST - ()

SBY-012 - PERMITTED LIST - ()

SGF-003 - PERMITTED LIST - ()

SIO-007 - PERMITTED LIST - ()

SOM-004 - PERMITTED LIST - ()

SPR-015 - PERMITTED LIST - ()

STL-012 - PERMITTED LIST - ()

SYR-025 - PERMITTED LIST - ()

TOL-022 - PERMITTED LIST - ()

TUC-003 - PERMITTED LIST - ()

TUL-027 - PERMITTED LIST - ()

WAS-024 - PERMITTED LIST - ()

WCH-001 - PERMITTED LIST - ()

WIC-011 - PERMITTED LIST - ()

WIL-010 - PERMITTED LIST - ()

WIL-023 - PERMITTED LIST - ()

WIL-026 - PERMITTED LIST - ()

WOR-006 - PERMITTED LIST - ()

YNG-001 - PERMITTED LIST - ()

SES-REG-20180926-04055 E E190360 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/26/2018 - 09/26/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 111 Academy Street, GREENWICH, NY
43 ° 5 ' 34.67 " N LAT.

73 ° 30 ' 55.13 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcomm1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 20 Rockwell Road, QUEENSBURY, NY
43 ° 21 ' 34.28 " N LAT. 73 ° 37 ' 50.63 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 111 Willis Avenue, MINEOLA, NY
40 ° 44 ' 33.46 " N LAT. 73 ° 38 ' 15.80 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 10 Peninsula Boulevard, LYNBROOK, NY
40 ° 39 ' 32.76 " N LAT. 73 ° 40 ' 10.36 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 25410 Bates Road, LITTLE NECK, NY
40 ° 46 ' 6.17 " N LAT. 73 ° 43 ' 45.49 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 26 Dennis Avenue, PLATTSBURGH, NY
44 ° 41 ' 29.84 " N LAT. 73 ° 28 ' 32.72 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 111 North Avenue, NEW ROCHELLE, NY
40 ° 54 ' 25.84 " N LAT. 73 ° 46 ' 41.23 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 60 Wayside Lane, SCARSDALE, NY
40 ° 59 ' 31.82 " N LAT. 73 ° 47 ' 43.71 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
 LOCATION: 801 Kitchawan Road, OSSINING, NY
 41 ° 13 ' 3.52 " N LAT. 73 ° 47 ' 44.49 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
 LOCATION: 10 Glenmore Avenue, SARATOGA SPRINGS, NY
 43 ° 4 ' 25.68 " N LAT. 73 ° 48 ' 24.12 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
 LOCATION: 14427 Sanford Avenue, FLUSHING, NY
 40 ° 45 ' 33.84 " N LAT. 73 ° 49 ' 11.62 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
 LOCATION: 411 Loudon Road, LOUDONVILLE, NY
 42 ° 42 ' 8.48 " N LAT. 73 ° 45 ' 8.52 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
 LOCATION: 211 East Kingsbridge Road, BRONX, NY
 40 ° 51 ' 55.70 " N LAT. 73 ° 53 ' 35.96 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
 LOCATION: 110-114 Pennsylvania Avenue, BROOKLYN, NY
 40 ° 40 ' 30.20 " N LAT. 73 ° 53 ' 49.02 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 204 Spackenkill Road, POUGHKEEPSIE, NY
41 ° 39 ' 24.62 " N LAT. 73 ° 53 ' 51.00 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 40-24 62nd Street, WOODSIDE, NY
40 ° 44 ' 37.75 " N LAT. 73 ° 54 ' 9.89 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 8621 114th Street, RICHMOND HILL, NY
40 ° 41 ' 56.28 " N LAT. 73 ° 50 ' 6.14 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 360 Lenox Avenue Malcolm X Boulevard, NEW YORK CITY, NY
40 ° 48 ' 34.89 " N LAT. 73 ° 56 ' 37.31 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 217 East 87th Street, NEW YORK CITY, NY
40 ° 46 ' 45.51 " N LAT. 73 ° 57 ' 8.75 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 185 Marcy Avenue, BROOKLYN, NY
40 ° 42 ' 26.56 " N LAT. 73 ° 57 ' 28.83 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 1218 Glenwood Road, BROOKLYN, NY
40 ° 37 ' 54.72 " N LAT. 73 ° 57 ' 53.40 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 1815 Riverside Dr, NEW YORK CITY, NY
40 ° 51 ' 57.90 " N LAT. 73 ° 55 ' 45.39 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 125 Columbus Avenue, NEW YORK CITY, NY
40 ° 46 ' 22.85 " N LAT. 73 ° 58 ' 54.52 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 2455 86th Street, BROOKLYN, NY
40 ° 35 ' 54.62 " N LAT. 73 ° 59 ' 15.20 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 343 Court Street, BROOKLYN, NY
40 ° 40 ' 56.98 " N LAT. 73 ° 59 ' 44.23 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 144 West 15th Street, NEW YORK CITY, NY
40 ° 44 ' 19.70 " N LAT. 73 ° 59 ' 54.24 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: Greenville Center Road, GREENVILLE, NY
42 ° 23 ' 29.91 " N LAT. 73 ° 59 ' 54.88 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 26 John Brown Road, LAKE PLACID, NY
44 ° 15 ' 36.74 " N LAT. 73 ° 58 ' 8.89 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 828 60th Street, BROOKLYN, NY
40 ° 38 ' 4.81 " N LAT. 74 ° 0 ' 31.23 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 442 New Hempstead Rd, NEW CITY, NY
41 ° 8 ' 59.18 " N LAT. 74 ° 1 ' 40.39 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 184 Rte 32 S, NEW PALTZ, NY
41 ° 43 ' 31.76 " N LAT. 74 ° 4 ' 56.73 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 151 North Saint Austins Place, STATEN ISLAND, NY
40 ° 38 ' 14.94 " N LAT. 74 ° 6 ' 28.45 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 913 Rockland Avenue, STATEN ISLAND, NY
40 ° 35 ' 23.09 " N LAT. 74 ° 8 ' 55.64 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 153 Fording Place Road, LAKE KATRINE, NY
41 ° 58 ' 52.31 " N LAT. 74 ° 0 ' 13.52 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 417 Steele Ave Extension, GLOVERSVILLE, NY
43 ° 2 ' 25.23 " N LAT. 74 ° 19 ' 19.32 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 141 Church Street, CENTRAL BRIDGE, NY
42 ° 42 ' 22.16 " N LAT. 74 ° 20 ' 21.41 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 790 Silver Lake Scotchtown Road, MIDDLETOWN, NY
41 ° 28 ' 40.22 " N LAT. 74 ° 22 ' 12.25 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 104 Richardson Avenue, MONTICELLO, NY
41 ° 38 ' 45.81 " N LAT. 74 ° 40 ' 55.17 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 284 Andrews Street, MASSENA, NY
44 ° 55 ' 21.80 " N LAT. 74 ° 55 ' 1.72 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 8 County Route 24, MALONE, NY
44 ° 51 ' 30.65 " N LAT. 74 ° 15 ' 28.12 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 21 Castle Dr, POTSDAM, NY
44 ° 40 ' 48.60 " N LAT. 74 ° 58 ' 33.24 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 107 Balmoral Dr, WEST ONEONTA, NY
42 ° 28 ' 33.06 " N LAT. 75 ° 7 ' 14.35 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 8439 Clark Mills Road, WHITESBORO, NY
43 ° 6 ' 20.62 " N LAT. 75 ° 19 ' 50.63 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 8650 Turin Road, ROME, NY
43 ° 16 ' 51.43 " N LAT. 75 ° 28 ' 8.95 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 7796 East State Street, LOWVILLE, NY
43 ° 47 ' 42.86 " N LAT. 75 ° 28 ' 53.39 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 317 Gros Boulevard, EAST HERKIMER, NY
43 ° 2 ' 10.13 " N LAT. 74 ° 57 ' 41.10 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 6622 State Hwy 37, OGDENSBURG, NY
44 ° 39 ' 40.51 " N LAT. 75 ° 32 ' 33.34 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48

LOCATION: 1566 Middle Road, ONEIDA, NY

43 ° 3 ' 50.33 " N LAT.

75 ° 37 ' 13.28 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49

LOCATION: 1 Lions Park Lane, GREENE, NY

42 ° 19 ' 32.49 " N LAT.

75 ° 45 ' 51.63 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 4 Cole Drive, NORWICH, NY

42 ° 32 ' 50.31 " N LAT.

75 ° 31 ' 50.86 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

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- 50 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20180926-04179 E E190496 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
 Registration 09/26/2018 - 09/26/2033
 Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 1009 Old Main Road, PEMBROKE, NC
 34 ° 41 ' 13.37 " N LAT. 79 ° 12 ' 23.55 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcomm1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
 LOCATION: 1401 Rascoe Dameron Road, CASWELL, NC
 36 ° 17 ' 46.47 " N LAT. 79 ° 20 ' 10.86 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
 LOCATION: 9800 US Highway 15 501, PINEHURST, NC
 35 ° 10 ' 58.73 " N LAT. 79 ° 26 ' 20.88 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
 LOCATION: 1210 Pelham Drive, LAURINBURG, NC
 34 ° 45 ' 31.70 " N LAT. 79 ° 29 ' 49.81 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 712 South Williamson Avenue, ELON, NC
36 ° 5 ' 18.62 " N LAT. 79 ° 30 ' 44.95 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 1050 Martin Luther King Jr Boulevard, CHAPEL HILL, NC
35 ° 56 ' 31.92 " N LAT. 79 ° 3 ' 23.90 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 310 Roberdell Road, ROCKINGHAM, NC
34 ° 57 ' 11.16 " N LAT. 79 ° 44 ' 44.23 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 3621 Lakefield Drive, GREENSBORO, NC
36 ° 0 ' 50.08 " N LAT. 79 ° 48 ' 0.46 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 1109 McDowell Road, ASHEBORO, NC
35 ° 40 ' 20.26 " N LAT. 79 ° 50 ' 27.10 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 3719 Pinetop Road, GREENSBORO, NC
36 ° 6 ' 38.35 " N LAT. 79 ° 51 ' 40.09 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 8934 West Market Street, COLFAX, NC
36 ° 6 ' 11.05 " N LAT. 79 ° 59 ' 42.04 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 4751 State Hwy 14, EDEN, NC
36 ° 27 ' 32.25 " N LAT. 79 ° 43 ' 18.76 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 1718 Ridge Street, ALBEMARLE, NC
35 ° 22 ' 34.11 " N LAT. 80 ° 10 ' 16.88 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 4780 Westchester Road, WINSTON-SALEM, NC
36 ° 3 ' 59.57 " N LAT. 80 ° 20 ' 32.27 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 121 Golf Course Road, PILOT MOUNTAIN, NC
36 ° 22 ' 31.56 " N LAT. 80 ° 28 ' 59.17 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 1255 Julian Road, SALISBURY, NC
35 ° 37 ' 44.99 " N LAT. 80 ° 29 ' 8.91 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 700 East Sunset Drive, MONROE, NC
34 ° 58 ' 14.47 " N LAT. 80 ° 32 ' 10.30 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 1830 Chestnut Drive, HIGH POINT, NC
35 ° 57 ' 11.54 " N LAT. 80 ° 2 ' 43.34 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 13925 Thompson Road, MINT HILL, NC
35 ° 8 ' 14.56 " N LAT. 80 ° 40 ' 5.84 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 100 Windsor Park Drive, DOBSON, NC
36 ° 22 ' 45.15 " N LAT. 80 ° 42 ' 46.45 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 2500 Rocky River Road, CHARLOTTE, NC
35 ° 16 ' 32.22 " N LAT. 80 ° 43 ' 17.99 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 3020 Hilliard Drive, CHARLOTTE, NC
35 ° 13 ' 59.37 " N LAT. 80 ° 46 ' 35.08 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 5815 Carmel Road, CHARLOTTE, NC
35 ° 5 ' 52.45 " N LAT. 80 ° 50 ' 18.20 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 162 Temple Lane, MT AIRY, NC
36 ° 27 ' 59.29 " N LAT. 80 ° 37 ' 33.70 " W LONG.

SITE ID: 31
LOCATION: 4065 North Center Street, HICKORY, NC
35 ° 47 ' 5.10 " N LAT. 81 ° 19 ' 10.56 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 357 Country Club Road, SHELBY, NC
35 ° 17 ' 2.56 " N LAT. 81 ° 30 ' 26.22 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 1775 Connelly Springs Road, LENOIR, NC
35 ° 50 ' 53.64 " N LAT. 81 ° 32 ' 28.82 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 901 Bethel Road, MORGANTON, NC
35 ° 44 ' 18.35 " N LAT. 81 ° 39 ' 17.78 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 604 Poplar Grove Road, BOONE, NC
36 ° 12 ' 59.15 " N LAT. 81 ° 41 ' 25.47 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 105 Old Tram St, LINCOLNTON, NC
35 ° 28 ' 17.78 " N LAT. 81 ° 13 ' 22.77 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 2230 Airport Road, MARION, NC
35 ° 42 ' 48.60 " N LAT. 82 ° 0 ' 54.00 " W LONG.

ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	38			
LOCATION:	3401 Sweeten Creek Road, ARDEN, NC			
	35 ° 28 ' 56.40 " N LAT.		82 ° 31 ' 5.97 " W LONG.	
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	39			
LOCATION:	91 Monticello Road, WEAVERVILLE, NC			
	35 ° 42 ' 32.28 " N LAT.		82 ° 34 ' 21.27 " W LONG.	
ANTENNA ID:	39	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	40			
LOCATION:	2475 Brevard Road, ARDEN, NC			
	35 ° 26 ' 8.90 " N LAT.		82 ° 34 ' 28.74 " W LONG.	
ANTENNA ID:	40	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	41			
LOCATION:	980 Neely Road, BREVARD, NC			
	35 ° 14 ' 12.40 " N LAT.		82 ° 43 ' 15.32 " W LONG.	
ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	42			
LOCATION:	250 Mount Pleasant Church Road, FOREST CITY, NC			
	35 ° 17 ' 58.69 " N LAT.		81 ° 50 ' 34.91 " W LONG.	
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	43			
LOCATION:	33 Pine Ridge Drive, FRANKLIN, NC			
	35 ° 12 ' 18.42 " N LAT.		83 ° 23 ' 43.95 " W LONG.	
ANTENNA ID:	43	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 44
LOCATION: 656 NC Highway 141, MURPHY, NC
35 ° 4 ' 40.87 " N LAT. 83 ° 57 ' 24.92 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 959 Middle Road, RIVERHEAD, NY
40 ° 56 ' 7.77 " N LAT. 72 ° 41 ' 26.06 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 1 Cedar Avenue, MEDFORD, NY
40 ° 48 ' 9.43 " N LAT. 73 ° 1 ' 2.04 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 372 Terryville Road, PORT JEFFERSON STATI, NY
40 ° 54 ' 34.42 " N LAT. 73 ° 3 ' 5.62 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 26 Cattle Dr, CHEROKEE, NC
35 ° 26 ' 36.60 " N LAT. 83 ° 19 ' 11.64 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 160 Washington Avenue, PLAINVIEW, NY
40 ° 46 ' 57.80 " N LAT. 73 ° 27 ' 43.63 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 351 Brook Avenue, BAY SHORE, NY
40 ° 44 ' 18.48 " N LAT. 73 ° 15 ' 7.31 " W LONG.

ANTENNA ID: 50

3.4 meters

GENERAL DYNAMICS

Satcom 1344

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

14 - PERMITTED LIST - ()

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SES-REG-20180926-04181

E E190498

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Registration

09/26/2018 - 09/26/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1260 Otter Road, HELENA, MT
46 ° 38 ' 0.89 " N LAT. 112 ° 1 ' 8.60 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 41 Mormon Lane, WHITEHALL, MT
45 ° 52 ' 24.41 " N LAT. 112 ° 4 ' 38.37 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 501 N JACKSON ST, BOULDER, MT
46 ° 14 ' 31.95 " N LAT. 112 ° 7 ' 26.83 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 1000 1st Street Northeast, CHOTEAU, MT
47 ° 48 ' 58.56 " N LAT. 112 ° 10 ' 17.80 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 1610 East 6th Avenue, HELENA, MT
46 ° 35 ' 14.92 " N LAT. 112 ° 0 ' 42.49 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 414 6th Avenue Southeast, CUT BANK, MT
48 ° 37 ' 39.14 " N LAT. 112 ° 19 ' 57.50 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 1351 Mt Highland Dr, BUTTE, MT
45 ° 57 ' 32.62 " N LAT. 112 ° 29 ' 11.66 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 31 N Harrison St, LIMA, MT
44 ° 38 ' 9.18 " N LAT. 112 ° 35 ' 35.54 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 93 Hwy 91 S, DILLON, MT
45 ° 12 ' 24.14 " N LAT. 112 ° 38 ' 28.57 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 1300 West Park Avenue, ANACONDA, MT
46 ° 7 ' 58.34 " N LAT. 112 ° 58 ' 13.84 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 3560 Montana Hwy 287, SHERIDAN, MT
45 ° 28 ' 56.25 " N LAT. 112 ° 13 ' 11.87 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 1100 Sawmill Rd, PHILIPSBURG, MT
46 ° 20 ' 17.13 " N LAT. 113 ° 18 ' 26.44 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 212 Jardine Avenue, JACKSON, MT
45 ° 22 ' 8.26 " N LAT. 113 ° 24 ' 32.43 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 300 Redwood Rd, SEELEY LAKE, MT
47 ° 10 ' 10.43 " N LAT. 113 ° 28 ' 29.77 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 515 McLeod Avenue, MISSOULA, MT
46 ° 51 ' 32.00 " N LAT. 113 ° 59 ' 25.11 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 3201 Bancroft Street, MISSOULA, MT
46 ° 50 ' 27.42 " N LAT. 114 ° 0 ' 29.52 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 6197 Hwy 1, DRUMMOND, MT
46 ° 38 ' 38.72 " N LAT. 113 ° 9 ' 58.15 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 6501 Mormon Creek Road, LOLO, MT
46 ° 44 ' 50.10 " N LAT. 114 ° 5 ' 11.19 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 700 4th SE Ave, RONAN, MT
47 ° 31 ' 23.02 " N LAT. 114 ° 5 ' 29.33 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 100 Middle Burnt Fork Road, STEVENSVILLE, MT
46 ° 30 ' 5.51 " N LAT. 114 ° 5 ' 31.83 " W LONG.

SITE ID: 27
LOCATION: 16044 Frenchtown Frontage Road, FRENCHTOWN, MT
47 ° 0 ' 45.28 " N LAT. 114 ° 13 ' 17.92 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 180 Redfield Lane, LAKESIDE, MT
48 ° 0 ' 55.35 " N LAT. 114 ° 13 ' 46.79 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 1202 4th Avenue East, POLSON, MT
47 ° 41 ' 32.03 " N LAT. 114 ° 8 ' 47.70 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 6330 US Highway 93 South, WHITEFISH, MT
48 ° 23 ' 21.66 " N LAT. 114 ° 20 ' 11.33 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 12 Moats Lane, SUPERIOR, MO
47 ° 10 ' 55.12 " N LAT. 114 ° 52 ' 19.43 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 1021 South Central Avenue, PLAINS, MT
47 ° 27 ' 42.90 " N LAT. 114 ° 53 ' 43.89 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 1005 Osloski Road, EUREKA, MT
48 ° 54 ' 7.97 " N LAT. 115 ° 3 ' 47.27 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 110 Golf St, THOMPSON FALLS, MT
 47 ° 35 ' 43.23 " N LAT. 115 ° 19 ' 49.67 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 1380 Whitefish Stage, KALISPELL, MT
 48 ° 13 ' 39.90 " N LAT. 114 ° 18 ' 29.87 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 141 Lake Creek Road, TROY, MT
 48 ° 26 ' 8.14 " N LAT. 115 ° 51 ' 51.32 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 1048 West Cape Rock Drive, CAPE GIRARDEAU, MO
 37 ° 21 ' 0.89 " N LAT. 89 ° 31 ' 37.46 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 827 Euclid Avenue, SIKESTON, MO
 36 ° 53 ' 11.44 " N LAT. 89 ° 36 ' 30.88 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 3933 McPherson Ave, MO
 38 ° 38 ' 24.24 " N LAT. 90 ° 14 ' 28.22 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 7400 Page Avenue, PAGEDALE, MO
38 ° 40 ' 40.03 " N LAT. 90 ° 19 ' 4.61 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 2056 US Hwy 2 South, LIBBY, MT
48 ° 21 ' 45.95 " N LAT. 115 ° 32 ' 18.65 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 4511 Butler Hill Road, ST LOUIS CITY, MO
38 ° 29 ' 15.38 " N LAT. 90 ° 21 ' 57.34 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 6386 Howdershell Road, HAZELWOOD, MO
38 ° 47 ' 4.01 " N LAT. 90 ° 22 ' 40.09 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 10445 Clayton Road, FRONTENAC, MO
38 ° 38 ' 0.60 " N LAT. 90 ° 24 ' 40.84 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 709 South Henry Street, FARMINGTON, MO
37 ° 46 ' 26.05 " N LAT. 90 ° 25 ' 11.90 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 2414 Katy LN, POPLAR BLUFF, MO
36 ° 47 ' 18.93 " N LAT. 90 ° 25 ' 43.35 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47

LOCATION: 1237 West Highway 72, FREDERICKTOWN, MO

37 ° 33 ' 36.50 " N LAT.

90 ° 19 ' 4.78 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48

LOCATION: 10851 Highway 21, HILLSBORO, MO

38 ° 13 ' 29.36 " N LAT.

90 ° 34 ' 19.80 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49

LOCATION: 1401 South Henke Road, LAKE ST LOUIS, MO

38 ° 46 ' 59.88 " N LAT.

90 ° 46 ' 5.60 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 2245 OLD HWY 94 S, ST CHARLES, MO

38 ° 45 ' 40.33 " N LAT.

90 ° 32 ' 21.81 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

14 - PERMITTED LIST - ()

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17 - PERMITTED LIST - ()
18 - PERMITTED LIST - ()
19 - PERMITTED LIST - ()
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28 - PERMITTED LIST - ()
29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
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35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
39 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()
40 - PERMITTED LIST - ()
41 - PERMITTED LIST - ()
42 - PERMITTED LIST - ()
43 - PERMITTED LIST - ()

44 - PERMITTED LIST - ()
45 - PERMITTED LIST - ()
46 - PERMITTED LIST - ()
47 - PERMITTED LIST - ()
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49 - PERMITTED LIST - ()
5 - PERMITTED LIST - ()
50 - PERMITTED LIST - ()
6 - PERMITTED LIST - ()
7 - PERMITTED LIST - ()
8 - PERMITTED LIST - ()
9 - PERMITTED LIST - ()

SES-REG-20180926-04360 E E190689 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/26/2018 - 09/26/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12701 Indian School Road Northeast, ALBUQUERQUE, NM
35 ° 5 ' 50.53 " N LAT. 106 ° 30 ' 7.00 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 11750 San Victorio Avenue Northeast, ALBUQUERQUE, NM
35 ° 8 ' 54.85 " N LAT. 106 ° 30 ' 21.63 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 275 Avenida de Bernalillo, BERNALILLO, NM
35 ° 17 ' 53.01 " N LAT. 106 ° 32 ' 51.17 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 16314 S Hwy 84, CHAMA, NM
36 ° 51 ' 16.25 " N LAT. 106 ° 34 ' 34.17 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 5709 Haines Avenue Northeast, ALBUQUERQUE, NM
35 ° 6 ' 1.26 " N LAT. 106 ° 34 ' 48.35 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 1120 4th Street, ANTHONY, NM
32 ° 0 ' 37.75 " N LAT. 106 ° 36 ' 7.09 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 4109 Eubank Boulevard Northeast, ALBUQUERQUE, NM
35 ° 7 ' 39.00 " N LAT. 106 ° 32 ' 1.17 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 4500 Seven Bar Loop Road Northwest, ALBUQUERQUE, NM
35 ° 12 ' 17.18 " N LAT. 106 ° 40 ' 23.48 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 2807 Cabezon Boulevard Southeast, RIO RANCHO, NM
35 ° 13 ' 31.58 " N LAT. 106 ° 40 ' 43.90 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 2199 Highway 304, BELEN, NM
34 ° 38 ' 2.98 " N LAT. 106 ° 44 ' 6.37 " W LONG.

SITE ID: 17
LOCATION: 3210 Venus Street, LAS CRUCES, NM
32 ° 21 ' 19.32 " N LAT. 106 ° 45 ' 53.57 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 200 West 6th Avenue, TRUTH OR CONSEQUENCE, NM
33 ° 8 ' 9.34 " N LAT. 107 ° 15 ' 7.55 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 1000 West Florida Street, DEMING, NM
32 ° 15 ' 13.66 " N LAT. 107 ° 46 ' 13.21 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 1010 Bondad Avenue, GRANTS, NM
35 ° 9 ' 48.89 " N LAT. 107 ° 49 ' 40.58 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 2749 North Hwy 35, MIMBRES, NM
32 ° 49 ' 8.43 " N LAT. 107 ° 56 ' 16.90 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 902 West Blanco Boulevard, BLOOMFIELD, NM
36 ° 43 ' 7.20 " N LAT. 107 ° 59 ' 21.89 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: Crownpoint Road, CROWNPOINT, NM
35 ° 41 ' 6.85 " N LAT. 108 ° 9 ' 48.18 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
 LOCATION: 1/2 Mile N Of Hwy 550, ESCRITO, NM
 36 ° 14 ' 14.03 " N LAT. 107 ° 34 ' 26.22 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
 LOCATION: 29 Navarre Blvd, THOREAU, NM
 35 ° 24 ' 24.85 " N LAT. 108 ° 13 ' 16.35 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
 LOCATION: 3755 North Swan Street, SILVER CITY, NM
 32 ° 48 ' 1.18 " N LAT. 108 ° 16 ' 11.31 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
 LOCATION: 10 Road 6523, KIRTLAND, NM
 36 ° 44 ' 52.94 " N LAT. 108 ° 22 ' 9.02 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
 LOCATION: 17 N Tietjen Ave, RAMAH, NM
 35 ° 8 ' 6.43 " N LAT. 108 ° 29 ' 40.89 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
 LOCATION: Hwy 211 420, GILA, NM
 32 ° 57 ' 54.28 " N LAT. 108 ° 34 ' 43.21 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 4400 College Boulevard, FARMINGTON, NM
36 ° 46 ' 9.10 " N LAT. 108 ° 9 ' 56.25 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 809 Pyramid Street, LORDSBURG, NM
32 ° 20 ' 38.18 " N LAT. 108 ° 42 ' 33.40 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 601 Susan Avenue, GALLUP, NM
35 ° 30 ' 53.79 " N LAT. 108 ° 43 ' 40.16 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 23 Church Rd, COTTON CITY, NM
32 ° 4 ' 1.14 " N LAT. 108 ° 52 ' 16.52 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 13 Luna Valley Dr, LUNA, NM
33 ° 49 ' 8.89 " N LAT. 108 ° 57 ' 16.34 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 6209 6301-7 PALISADES AVE, WEST NEW YORK, NJ
40 ° 47 ' 27.19 " N LAT. 74 ° 0 ' 42.69 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: US Highway 491, SHIPROCK, NM
36 ° 48 ' 44.44 " N LAT. 108 ° 41 ' 55.61 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 14 Reynolds Drive, EATONTOWN, NJ
40 ° 18 ' 6.26 " N LAT. 74 ° 2 ' 18.30 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 30 Youngs Road, MAHWAH, NJ
41 ° 2 ' 45.72 " N LAT. 74 ° 10 ' 58.22 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 1348 Old Freehold Road, TOMS RIVER, NJ
39 ° 59 ' 24.21 " N LAT. 74 ° 11 ' 50.68 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 1 Mary Bell Road, MANAHAWKIN, NJ
39 ° 43 ' 52.53 " N LAT. 74 ° 14 ' 22.64 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 1600 Springfield Avenue, MAPLEWOOD, NJ
40 ° 43 ' 21.75 " N LAT. 74 ° 15 ' 23.93 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 2501 New York Avenue, UNION CITY, NJ
40 ° 46 ' 5.28 " N LAT. 74 ° 1 ' 50.89 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 1781 Raritan Road, SCOTCH PLAINS, NJ
40 ° 37 ' 10.67 " N LAT. 74 ° 21 ' 25.63 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 283 James Street, MORRISTOWN, NJ
40 ° 46 ' 3.73 " N LAT. 74 ° 29 ' 4.48 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 624 Zion Road, EGG HARBOR, NJ
39 ° 21 ' 58.93 " N LAT. 74 ° 35 ' 41.81 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 373 Croshaw Road, WRIGHTSTOWN, NJ
40 ° 3 ' 5.56 " N LAT. 74 ° 36 ' 53.55 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 901 Canal Pointe Boulevard, PRINCETON, NJ
40 ° 19 ' 36.73 " N LAT. 74 ° 38 ' 44.79 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 271 Maple Street, PERTH AMBOY, NJ
40 ° 30 ' 32.05 " N LAT. 74 ° 16 ' 21.12 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 35 Lamington Road, BRANCBURG, NJ
40 ° 36 ' 31.36 " N LAT. 74 ° 41 ' 43.74 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 156 Mountain Road, LEDGEWOOD, NJ

40 ° 52 ' 53.44 " N LAT.

74 ° 40 ' 50.99 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

14 - PERMITTED LIST - ()

15 - PERMITTED LIST - ()

16 - PERMITTED LIST - ()

17 - PERMITTED LIST - ()

18 - PERMITTED LIST - ()

19 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

20 - PERMITTED LIST - ()

21 - PERMITTED LIST - ()

22 - PERMITTED LIST - ()

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50 - PERMITTED LIST - ()

6 - PERMITTED LIST - ()

7 - PERMITTED LIST - ()

8 - PERMITTED LIST - ()

9 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1967 18th Street, LOS ALAMOS, NM
35 ° 53 ' 10.57 " N LAT. 106 ° 18 ' 2.27 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 366 Grand Canyon Drive, WHITE ROCK, NM
35 ° 49 ' 18.93 " N LAT. 106 ° 12 ' 6.77 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 1008 Fairview Drive, ESPANOLA, NM
36 ° 0 ' 27.90 " N LAT. 106 ° 3 ' 15.82 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: St Hwy 64 Go 1 2 Mi E of St Hwy 285, TRES PIEDRAS, NM
36 ° 38 ' 39.48 " N LAT. 105 ° 57 ' 33.14 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 410 Rodeo Road, SANTA FE, NM
35 ° 38 ' 17.58 " N LAT. 105 ° 57 ' 0.13 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 1800 23rd Street, ALAMOGORDO, NM
32 ° 55 ' 5.10 " N LAT. 105 ° 56 ' 23.98 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 18 Edgewood 7, EDGEWOOD, NM
 35 ° 3 ' 31.84 " N LAT. 106 ° 11 ' 29.15 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 1466 Hwy 41, ESTANCIA, NM
 34 ° 48 ' 41.41 " N LAT. 106 ° 3 ' 17.55 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 1091 Mechem Drive, RUIDOSO, NM
 33 ° 21 ' 35.99 " N LAT. 105 ° 39 ' 56.43 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 307 Camino De Santiago, TAOS, NM
 36 ° 22 ' 56.21 " N LAT. 105 ° 34 ' 49.57 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 710 Kathryn Drive, LAS VEGAS, NM
 35 ° 36 ' 47.05 " N LAT. 105 ° 13 ' 32.48 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 2201 West Country Club Road, ROSWELL, NM
 33 ° 25 ' 24.40 " N LAT. 104 ° 33 ' 17.79 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 2136 La Mesa Drive, RATON, NM
36 ° 51 ' 35.51 " N LAT. 104 ° 26 ' 36.08 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 92A State Rd 73 Go 1 Mi SE State Hwy 75, RODARTE, NM
36 ° 9 ' 28.57 " N LAT. 105 ° 40 ' 37.83 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 1708 North Mesa Street, CARLSBAD, NM
32 ° 27 ' 6.21 " N LAT. 104 ° 14 ' 9.99 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 2400 S 9th St, TUCUMCARI, NM
35 ° 9 ' 17.18 " N LAT. 103 ° 44 ' 8.04 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 3720 North Grimes Street, HOBBS, NM
32 ° 44 ' 27.75 " N LAT. 103 ° 8 ' 40.58 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 851 Forest Avenue, JAMESTOWN, NY
42 ° 4 ' 42.69 " N LAT. 79 ° 14 ' 38.67 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 754 Scovell Drive, LEWISTON, NY
43 ° 10 ' 35.98 " N LAT. 79 ° 1 ' 13.98 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 2519 West Hermosa Dr, ARTESIA, NM
32 ° 49 ' 39.93 " N LAT. 104 ° 25 ' 44.20 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 1424 Maple Road, WILLIAMSVILLE, NY
42 ° 59 ' 29.72 " N LAT. 78 ° 44 ' 2.19 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 6339 Hamm Road, LOCKPORT, NY
43 ° 8 ' 25.18 " N LAT. 78 ° 41 ' 15.23 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 127 William Kidder Road, LANCASTER, NY
42 ° 53 ' 0.51 " N LAT. 78 ° 34 ' 52.65 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 12500 County Line Road, ARCADE, NY
42 ° 31 ' 19.01 " N LAT. 78 ° 27 ' 49.01 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 1935 Windfall Road, OLEAN, NY
42 ° 5 ' 28.83 " N LAT. 78 ° 24 ' 40.62 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 12995 Rt 438 Gowanda-Irving Rd, GOWANDA, NY
42 ° 31 ' 38.43 " N LAT. 78 ° 58 ' 28.87 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 100 Crescent Drive, WELLSVILLE, NY
42 ° 7 ' 31.42 " N LAT. 77 ° 55 ' 14.36 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 42 East South Street, GENESEO, NY
42 ° 47 ' 35.71 " N LAT. 77 ° 48 ' 3.08 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 1250 English Road, ROCHESTER, NY
43 ° 14 ' 19.39 " N LAT. 77 ° 40 ' 51.19 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 1400 Westfall Road, ROCHESTER, NY
43 ° 6 ' 59.10 " N LAT. 77 ° 34 ' 51.60 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 275 Whipple Lane, ROCHESTER, NY
43 ° 12 ' 29.10 " N LAT. 77 ° 33 ' 59.99 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 4088 Lake Road North, BROCKPORT, NY
43 ° 13 ' 16.60 " N LAT. 77 ° 56 ' 8.17 " W LONG.

ANTENNA ID:	32	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	33			
LOCATION:	120 Rumsey Street, BATH, NY		77 ° 17 ' 58.90 " W LONG.	
	42 ° 20 ' 42.69 " N LAT.			
ANTENNA ID:	33	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	34			
LOCATION:	365 Parrish Street, CANANDAIGUA, NY		77 ° 17 ' 27.27 " W LONG.	
	42 ° 52 ' 26.79 " N LAT.			
ANTENNA ID:	34	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	35			
LOCATION:	2801 Temple Road, PALMYRA, NY		77 ° 14 ' 7.90 " W LONG.	
	43 ° 2 ' 31.98 " N LAT.			
ANTENNA ID:	35	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	36			
LOCATION:	80 Chatfield Place East, PAINTED POST, NY		77 ° 7 ' 4.07 " W LONG.	
	42 ° 9 ' 11.90 " N LAT.			
ANTENNA ID:	36	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	37			
LOCATION:	1455 Aunkst Road, WATERLOO, NY		76 ° 52 ' 7.97 " W LONG.	
	42 ° 51 ' 57.91 " N LAT.			
ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	38			
LOCATION:	460 Kreag Road, PITTSFORD, NY		77 ° 28 ' 0.59 " W LONG.	
	43 ° 3 ' 50.78 " N LAT.			
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 39
LOCATION: 319 Pennsylvania Avenue, TRUMANSBURG, NY
42 ° 31 ' 46.51 " N LAT. 76 ° 39 ' 52.03 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 114 Burleigh Drive, ITHACA, NY
42 ° 28 ' 31.30 " N LAT. 76 ° 28 ' 31.36 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 837 State Route 48, FULTON, NY
43 ° 16 ' 52.28 " N LAT. 76 ° 23 ' 40.95 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 42
LOCATION: 430 Montrose Turnpike, OWEGO, NY
42 ° 5 ' 25.69 " N LAT. 76 ° 15 ' 31.51 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 43
LOCATION: 3725 Fairview Drive, CORTLAND, NY
42 ° 35 ' 17.38 " N LAT. 76 ° 13 ' 24.98 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 1060 West Broad Street, HORSEHEADS, NY
42 ° 9 ' 54.52 " N LAT. 76 ° 51 ' 2.86 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 801 East Colvin Street, SYRACUSE, NY
43 ° 1 ' 35.67 " N LAT. 76 ° 8 ' 5.42 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46

LOCATION: 53 Nelson Avenue, PULASKI, NY

43 ° 34 ' 30.06 " N LAT.

76 ° 7 ' 12.11 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47

LOCATION: 5070 North Eagle Village Road, MANLIUS, NY

43 ° 1 ' 17.83 " N LAT.

75 ° 57 ' 38.20 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48

LOCATION: 305 Murray Hill Road, VESTAL, NY

42 ° 5 ' 24.86 " N LAT.

75 ° 57 ' 33.08 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49

LOCATION: 20020 County Route 65, WATERTOWN, NY

43 ° 57 ' 24.67 " N LAT.

75 ° 56 ' 3.73 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 4889 Bear Road, LIVERPOOL, NY

43 ° 7 ' 43.87 " N LAT.

76 ° 10 ' 40.32 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()
14 - PERMITTED LIST - ()
15 - PERMITTED LIST - ()
16 - PERMITTED LIST - ()
17 - PERMITTED LIST - ()
18 - PERMITTED LIST - ()
19 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()
20 - PERMITTED LIST - ()
21 - PERMITTED LIST - ()
22 - PERMITTED LIST - ()
23 - PERMITTED LIST - ()
24 - PERMITTED LIST - ()
25 - PERMITTED LIST - ()
26 - PERMITTED LIST - ()
27 - PERMITTED LIST - ()
28 - PERMITTED LIST - ()
29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
34 - PERMITTED LIST - ()
35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
39 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()

Nature of Service: Fixed Satellite Service

SITE ID: Selective TV

LOCATION: 4340 County Road 22, Douglas, Garfield, MN

45 ° 55 ' 59.00 " N LAT.

95 ° 26 ' 51.00 " W LONG.

ANTENNA ID: 1 3.7 meters ChannelMaster 1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

Selective TV - PERMITTED LIST - ()

SES-REG-20180928-04597 E E190964 Pentecostal Revival Assoc., Inc.

Registration

09/28/2018 - 09/28/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 135 Lettie Lane, Putnam, Palatka, FL

29 ° 34 ' 48.80 " N LAT.

81 ° 41 ' 56.40 " W LONG.

ANTENNA ID: ANT 1 3 meters Winegard 3.0 m

3700.0000 - 4200.0000 MHz 36M0F3F 0.00 dBW Analog Video with Associated Subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181001-05141 E E191522 WICN Public Radio, Inc.

Registration

10/01/2018 - 10/01/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio Roof

LOCATION: 50 Portland St., Worcester, Worcester, MA

42 ° 15 ' 35.00 " N LAT.

71 ° 48 ' 7.10 " W LONG.

ANTENNA ID: 1 3.8 meters Microdyne M38

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video services.

Points of Communication:

SES-REG-20181003-04162 E E190469 Scripps Broadcasting Holdings LLC

Registration

10/03/2018 - 10/03/2033

Grant of Authority

Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 301 Artesian Street (Studio), Nueces, Corpus Christi, TX
27 ° 47 ' 32.40 " N LAT.

97 ° 24 ' 6.00 " W LONG.

ANTENNA ID: S1	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S2	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S3	4.5 meters	Scientific Atlantic	8345
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S4	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S5	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S6	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S7	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			
ANTENNA ID: S8	7 meters	Scientific Atlantic	8028
3700.0000 - 4200.0000 MHz			Digital Multiplex Carrier
36M0G7W			

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181003-04879 E E191251 Kingdom Access Television
Registration 10/03/2018 - 10/03/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Kingdom Access TV
LOCATION: 515 Bay Street, Caledonia, St. Johnsbury, VT
44 ° 29 ' 49.28 " N LAT. 72 ° 0 ' 53.67 " W LONG.

ANTENNA ID: KATV-1 3.25 meters Unimesh N/A
3700.0000 - 4200.0000 MHz 6M00C7W ATSC Video (Digital TV) mpeg

Points of Communication:

Kingdom Access TV - PERMITTED LIST - ()

SES-REG-20181004-04840 E E191211 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2530 West 200 South, PROVO, UT
40 ° 13 ' 52.09 " N LAT. 111 ° 42 ' 15.27 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 400 West 1800 South, OREM, UT
40 ° 15 ' 52.35 " N LAT. 111 ° 42 ' 18.35 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 1260 South 400 West, OREM, UT
40 ° 16 ' 27.23 " N LAT. 111 ° 42 ' 19.87 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 2801 West 620 North, PROVO, UT
40 ° 14 ' 31.19 " N LAT. 111 ° 42 ' 30.10 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 90 North 600 West, OREM, UT
40 ° 17 ' 55.63 " N LAT. 111 ° 42 ' 33.57 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 1050 North 600 West, OREM, UT
40 ° 18 ' 57.67 " N LAT. 111 ° 42 ' 36.15 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 785 College Drive, LOGAN, UT
40 ° 16 ' 47.25 " N LAT. 111 ° 42 ' 50.02 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 56 East 600 North, 84042, UT
40 ° 20 ' 53.74 " N LAT. 111 ° 42 ' 50.97 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 546 North 500 West, OREM, UT
40 ° 18 ' 24.96 " N LAT. 111 ° 42 ' 25.83 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 864 West 800 South, OREM, UT
40 ° 17 ' 2.73 " N LAT. 111 ° 42 ' 57.75 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 825 Loader Drive, PLEASANT GROVE, UT
40 ° 21 ' 14.00 " N LAT. 111 ° 43 ' 0.75 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 965 West 2000 North, OREM, UT
40 ° 19 ' 59.84 " N LAT. 111 ° 43 ' 10.73 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 250 West 600 South, LINDON, UT
40 ° 19 ' 35.89 " N LAT. 111 ° 43 ' 16.96 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 75 South 600 East, PAYSON, UT
40 ° 2 ' 35.33 " N LAT. 111 ° 43 ' 23.19 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 824 West 800 South, OREM, UT
40 ° 16 ' 59.60 " N LAT. 111 ° 42 ' 54.60 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 16
LOCATION: 1176 North 730 East, PLEASANT GROVE, UT
40 ° 22 ' 36.22 " N LAT. 111 ° 43 ' 28.17 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 17
LOCATION: 1075 South Geneva Road, OREM, UT
40 ° 16 ' 38.79 " N LAT. 111 ° 43 ' 44.64 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 18
LOCATION: 610 West 100 South, LINDON, UT
40 ° 20 ' 10.30 " N LAT. 111 ° 43 ' 49.73 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 19
LOCATION: 275 East 500 South, PLEASANT GROVE, UT
40 ° 21 ' 29.26 " N LAT. 111 ° 44 ' 13.66 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 20
LOCATION: 711 S Peteetneet Blvd, PAYSON, UT
40 ° 1 ' 57.19 " N LAT. 111 ° 43 ' 23.48 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 800 North 100 West, PLEASANT GROVE, UT
40 ° 22 ' 21.02 " N LAT. 111 ° 44 ' 31.04 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 2755 W Old Hwy Rd, MORGAN, UT
41 ° 6 ' 16.10 " N LAT. 111 ° 44 ' 31.31 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 650 West 800 South, PAYSON, UT
40 ° 1 ' 53.88 " N LAT. 111 ° 44 ' 33.77 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 780 West 500 South, PAYSON, UT
40 ° 2 ' 13.74 " N LAT. 111 ° 44 ' 41.31 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 105 West 1800 North, PLEASANT GROVE, UT
40 ° 22 ' 56.84 " N LAT. 111 ° 44 ' 30.52 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 1548 North 900 West, PLEASANT GROVE, UT
40 ° 22 ' 49.72 " N LAT. 111 ° 45 ' 12.26 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 1028 West 1000 North, PLEASANT GROVE, UT
40 ° 22 ' 28.29 " N LAT. 111 ° 45 ' 20.89 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 1125 East Alpine Blvd, ALPINE, UT
40 ° 27 ' 53.15 " N LAT. 111 ° 45 ' 27.72 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
LOCATION: 56 South 1300 West, PLEASANT GROVE, UT
40 ° 21 ' 48.58 " N LAT. 111 ° 45 ' 36.86 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
LOCATION: 3950 W Cedar Hills Drive, CEDAR HILLS, UT
40 ° 24 ' 54.82 " N LAT. 111 ° 45 ' 10.84 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
LOCATION: 825 E 500 N, AMERICAN FORK, UT
40 ° 23 ' 15.64 " N LAT. 111 ° 46 ' 33.19 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
LOCATION: 98 East Canyon Crest Road, ALPINE, UT
40 ° 26 ' 48.82 " N LAT. 111 ° 46 ' 35.92 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
LOCATION: 545 North 200 East, SANTAQUIN, UT
39 ° 59 ' 3.06 " N LAT. 111 ° 46 ' 55.32 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
LOCATION: 5335 West 11200 North, HIGHLAND, UT
40 ° 26 ' 7.07 " N LAT. 111 ° 47 ' 10.54 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 4580 West Cedar Hills Drive, CEDAR HILLS, UT
40 ° 24 ' 57.54 " N LAT. 111 ° 46 ' 5.67 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 327 South Long Drive, ALPINE, UT
40 ° 26 ' 55.98 " N LAT. 111 ° 47 ' 18.49 " W LONG.

ANTENNA ID:	36	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	37			
LOCATION:	320 N 100 E, AMERICAN FORK, UT			
	40 ° 23 ' 0.76 " N LAT.		111 ° 47 ' 44.05 " W LONG.	
ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	38			
LOCATION:	45 South 500 West, SANTAQUIN, UT			
	39 ° 58 ' 32.85 " N LAT.		111 ° 47 ' 45.58 " W LONG.	
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	39			
LOCATION:	975 North 60 East, AMERICAN FORK, UT			
	40 ° 23 ' 45.82 " N LAT.		111 ° 47 ' 51.26 " W LONG.	
ANTENNA ID:	39	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	40			
LOCATION:	1450 East 1500 North, LOGAN, UT			
	41 ° 45 ' 29.34 " N LAT.		111 ° 47 ' 52.48 " W LONG.	
ANTENNA ID:	40	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	41			
LOCATION:	8170 South Shorthills Drive, SALT LAKE CITY, UT			
	40 ° 36 ' 9.93 " N LAT.		111 ° 47 ' 53.15 " W LONG.	
ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		
SITE ID:	42			
LOCATION:	6500 East 1900 North, EDEN, UT			
	41 ° 17 ' 37.06 " N LAT.		111 ° 47 ' 36.58 " W LONG.	
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		

SITE ID: 43
LOCATION: 7035 South Nutree Dr, SALT LAKE CITY, UT
40 ° 37 ' 15.01 " N LAT. 111 ° 47 ' 58.74 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 44
LOCATION: 950 North 1200 East, LOGAN, UT
41 ° 44 ' 55.67 " N LAT. 111 ° 48 ' 13.15 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 45
LOCATION: 3103 East Craig Drive, SALT LAKE CITY, UT
40 ° 41 ' 32.80 " N LAT. 111 ° 48 ' 19.73 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 46
LOCATION: 9880 South 3100 East, SANDY, UT
40 ° 34 ' 17.25 " N LAT. 111 ° 48 ' 21.06 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 240 S Center St, AMERICAN FORK, UT
40 ° 22 ' 18.04 " N LAT. 111 ° 47 ' 58.02 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 535 East 200 South, HYDE PARK, UT
41 ° 47 ' 43.55 " N LAT. 111 ° 48 ' 22.69 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 11196 South Wasatch Boulevard, SANDY, UT
40 ° 32 ' 52.72 " N LAT. 111 ° 48 ' 24.15 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50

LOCATION: 3408 South Celeste Way, SALT LAKE CITY, UT

40 ° 41 ' 50.85 " N LAT.

111 ° 48 ' 21.07 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

11 - PERMITTED LIST - ()

12 - PERMITTED LIST - ()

13 - PERMITTED LIST - ()

14 - PERMITTED LIST - ()

15 - PERMITTED LIST - ()

16 - PERMITTED LIST - ()

17 - PERMITTED LIST - ()

18 - PERMITTED LIST - ()

19 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

20 - PERMITTED LIST - ()

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29 - PERMITTED LIST - ()

3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
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5 - PERMITTED LIST - ()
50 - PERMITTED LIST - ()
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7 - PERMITTED LIST - ()
8 - PERMITTED LIST - ()
9 - PERMITTED LIST - ()

SES-REG-20181005-04875 E E191247 Nexstar Broadcasting, Inc.
Registration 10/05/2018 - 10/05/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WLAX Studio1
LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
43 ° 51 ' 42.72 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	Sat 1	5 meters	Comtech	5M	
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data

SITE ID: WLAX Studio3
LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
43 ° 51 ' 42.72 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	MeTV	4.6 meters	DH	4.6M	
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data

SITE ID: WLAX Studio4
LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
43 ° 51 ' 42.72 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	FOX 1	4.5 meters	Andrew	4.5M	
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data

SITE ID: WLAX Studio5
LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
43 ° 51 ' 42.82 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	FOX 2	5 meters	AFC	5M	
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz			36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data

SITE ID: WLAX Studio6
 LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
 43 ° 51 ' 42.72 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	Pitchblue	3.8 meters	Patriot	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data

SITE ID: WLAX Studio2
 LOCATION: 1305 Interchange Pl, La Crosse, La Crosse, WI
 43 ° 51 ' 42.72 " N LAT. 91 ° 14 ' 17.92 " W LONG.

ANTENNA ID:	Sat 3	5 meters	DH	Gibralter
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data

SITE ID: WLNS Studio1
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

ANTENNA ID:	Dish 9	4.5 meters	Dawnco	4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data

SITE ID: WMBD Studio1
 LOCATION: 3131 N University St, Peoria, Peoria, IL
 40 ° 43 ' 37.02 " N LAT. 89 ° 36 ' 50.98 " W LONG.

ANTENNA ID:	Dish 3 CBS	5 meters	SA	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data

SITE ID: WMBD Studio2
 LOCATION: 3131 N University St, Peoria, Peoria, IL
 40 ° 43 ' 37.02 " N LAT. 89 ° 36 ' 50.98 " W LONG.

ANTENNA ID:	Dish 5	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBD Studio3			
LOCATION:	3131 N University St, Peoria, Peoria, IL		89 ° 36 ' 50.98 " W LONG.	
	40 ° 43 ' 37.02 " N LAT.			
ANTENNA ID:	Dish 7	3.66 meters	AFC	PR12
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WLAX Studio7			
LOCATION:	1305 Interchange Pl, La Crosse, La Crosse, WI		91 ° 14 ' 17.92 " W LONG.	
	43 ° 51 ' 42.72 " N LAT.			
ANTENNA ID:	Sat 2	5 meters	DH	5M
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBD Studio5			
LOCATION:	3131 N University St, Peoria, Peoria, IL		89 ° 36 ' 50.98 " W LONG.	
	40 ° 43 ' 37.02 " N LAT.			
ANTENNA ID:	Dish 1	5 meters	DH	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBD Studio6			
LOCATION:	3131 N University St, Peoria, Peoria, IL		89 ° 36 ' 50.98 " W LONG.	
	40 ° 42 ' 37.02 " N LAT.			
ANTENNA ID:	Dish 2 CBS	5 meters	AFC	PR166.4 Rev 2
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data

SITE ID: WMBD Studio7
LOCATION: 3131 N University St, Peoria, Peoria, IL
40 ° 43 ' 37.02 " N LAT. 89 ° 36 ' 50.98 " W LONG.

ANTENNA ID: Dish 4 3.8 meters Comtech C38P
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WMBD Studio8
LOCATION: 3131 N University St, Peoria, Peoria, IL
40 ° 43 ' 37.02 " N LAT. 89 ° 36 ' 50.98 " W LONG.

ANTENNA ID: Dish 10 4 meters USS unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WMBD Studio4
LOCATION: 3131 N University St, Peoria, Peoria, IL
40 ° 43 ' 37.02 " N LAT. 89 ° 36 ' 50.98 " W LONG.

ANTENNA ID: Dish 9 4.5 meters DH unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WOI Studio2
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.60 " N LAT. 93 ° 45 ' 29.36 " W LONG.

ANTENNA ID: ABC Pri 7.3 meters Andrew ES73-1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WOI Studio3
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.52 " N LAT. 93 ° 45 ' 29.19 " W LONG.

ANTENNA ID: Pathfire 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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SITE ID: WOI Studio4
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.53 " N LAT. 93 ° 45 ' 29.05 " W LONG.

ANTENNA ID: ABC News1	3.1 meters	Patriot	PRT-310
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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SITE ID: WOI Studio5
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.70 " N LAT. 93 ° 45 ' 28.00 " W LONG.

ANTENNA ID: Sat5,WMDX	4.5 meters	Patriot	PRT-450
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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SITE ID: WOI Studio1
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.48 " N LAT. 93 ° 45 ' 29.50 " W LONG.

ANTENNA ID: CNN	3.8 meters	Patriot	PRT-380
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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SITE ID: WOI Studio7
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.67 " N LAT. 93 ° 45 ' 28.67 " W LONG.

ANTENNA ID: Syndic	3.8 meters	Patriot	PRT-380
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
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SITE ID: WOI Studio8
LOCATION: 3903 Westown Pkwy, Polk, W Des Moines, IA
41 ° 35 ' 50.67 " N LAT. 93 ° 45 ' 28.67 " W LONG.

ANTENNA ID: CW	4.5 meters	EASi	4.5
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WCBD Studio1		
LOCATION:	210 W Coleman Blvd, Charleston, Mt Pleasant, SC 32 ° 47 ' 53.00 " N LAT. 79 ° 53 ' 51.00 " W LONG.		
ANTENNA ID:	NBC	5 meters	Andrew unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WCBD Studio2		
LOCATION:	210 W Coleman Blvd, Charleston, Mt Pleasant, SC 32 ° 47 ' 53.00 " N LAT. 79 ° 53 ' 51.00 " W LONG.		
ANTENNA ID:	CNN,News,S	3.1 meters	Patriot PRT-310
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WOI Studio6		
LOCATION:	3903 Westown Pkwy, Polk, W Des Moines, IA 41 ° 35 ' 50.52 " N LAT. 93 ° 45 ' 28.00 " W LONG.		
ANTENNA ID:	Sat7,8	3.1 meters	Patriot PRT-310
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WCBD Studio4		
LOCATION:	210 W Coleman Blvd, Charleston, Mt Pleasant, SC 32 ° 47 ' 53.00 " N LAT. 79 ° 53 ' 51.00 " W LONG.		
ANTENNA ID:	CW,News	6.1 meters	Patriot unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WCBD Studio5		
LOCATION:	210 W Coleman Blvd, Charleston, Mt Pleasant, SC 32 ° 47 ' 53.00 " N LAT. 79 ° 53 ' 51.00 " W LONG.		
ANTENNA ID:	DH 3.8	3.8 meters	DH 3.8
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID:	WDHN Studio1		
LOCATION:	5274 E State Hwy 52, Houston, Webb, AL 31 ° 14 ' 26.75 " N LAT. 85 ° 18 ' 41.62 " W LONG.		

ANTENNA ID: ABC Backup 4.5 meters Andrew ES45P
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WDHN Studio2
 LOCATION: 5274 E State Hwy 52, Houston, Webb, AL
 31 ° 14 ' 26.75 " N LAT. 85 ° 18 ' 41.62 " W LONG.

ANTENNA ID: G19,28,PB 3 meters Winegard unknown
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WCBD Studio3
 LOCATION: 210 W Coleman Blvd, Charleston, Mt Pleasant, SC
 32 ° 47 ' 53.00 " N LAT. 79 ° 53 ' 51.00 " W LONG.

ANTENNA ID: Ant 3 6.1 meters Vertex unknown
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WFLA Studio1
 LOCATION: 200 S Parker St, Hillsborough, Tampa, FL
 27 ° 56 ' 41.10 " N LAT. 82 ° 27 ' 36.30 " W LONG.

ANTENNA ID: Sat 14 3 meters Prodelin unknown
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WFLA Studio2
 LOCATION: 200 S Parker St, Hillsborough, Tampa, FL
 27 ° 56 ' 41.10 " N LAT. 82 ° 27 ' 36.30 " W LONG.

ANTENNA ID: Net3,Escap 3.1 meters Patriot PRT-310
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WFLA Studio3
 LOCATION: 200 S Parker St, Hillsborough, Tampa, FL
 27 ° 56 ' 41.10 " N LAT. 82 ° 27 ' 36.30 " W LONG.

ANTENNA ID: MyTV 3.8 meters DH Gibraltar
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

SITE ID: WFLA Transmitters
 LOCATION: 15001 Boyette Rd, Hillsborough, Riverview, FL
 27 ° 50 ' 33.10 " N LAT. 82 ° 15 ' 44.30 " W LONG.

ANTENNA ID:	Sat 6,8	6 meters	Scientific Atlanta	8060
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WDHN Studio3			
LOCATION:	5274 E State Hwy 52, Houston, Webb, AL		85 ° 18 ' 41.62 " W LONG.	
	31 ° 14 ' 26.75 " N LAT.			
ANTENNA ID:	Steerable	3 meters	DH	30DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJBF Farm			
LOCATION:	1336 Augusta W Pkwy, Richmond, Augusta, GA		82 ° 5 ' 4.50 " W LONG.	
	33 ° 28 ' 3.00 " N LAT.			
ANTENNA ID:	Ants1-9	4.5 meters	DH	DH45
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJBF Farm2			
LOCATION:	1336 Augusta W Pkwy, Richmond, Augusta, GA		82 ° 5 ' 4.80 " W LONG.	
	33 ° 28 ' 2.70 " N LAT.			
ANTENNA ID:	Ant 10	3.7 meters	DH	DH37P
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJBF Roof			
LOCATION:	1336 Augusta W Pkwy, Richmond, Augusta, GA		82 ° 5 ' 6.79 " W LONG.	
	33 ° 28 ' 3.75 " N LAT.			
ANTENNA ID:	Ant 11	3.7 meters	DH	DH37P
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJTV Studio1			
LOCATION:	1820 TV Rd, Hinds, Jackson, MS		90 ° 15 ' 49.00 " W LONG.	
	32 ° 17 ' 2.80 " N LAT.			
ANTENNA ID:	CBS,CW,ION	5 meters	DH	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WFLA Studio4			
LOCATION:	200 S Parker St, Hillsborough, Tampa, FL		82 ° 27 ' 36.30 " W LONG.	
	27 ° 56 ' 41.10 " N LAT.			

ANTENNA ID:	Sat 2,3	4.5 meters	Patriot	Commercial Series
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJTV Studio3			
LOCATION:	1820 TV Rd, Hinds, Jackson, MS			
	32 ° 17 ' 2.80 " N LAT.			90 ° 15 ' 49.00 " W LONG.
ANTENNA ID:	GPs	3.7 meters	DH	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WKRK Studio1			
LOCATION:	555 Broadcast Dr, Mobile, Mobile, AL			
	30 ° 40 ' 17.62 " N LAT.			88 ° 6 ' 54.60 " W LONG.
ANTENNA ID:	Ant 1,2	5 meters	Comtech	C50P
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WKRK Studio2			
LOCATION:	555 Broadcast Dr, Mobile, Mobile, AL			
	30 ° 40 ' 17.62 " N LAT.			88 ° 6 ' 54.61 " W LONG.
ANTENNA ID:	Antenna 2	3 meters	Andrew	3.0m
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WKRK Studio3			
LOCATION:	555 Broadcast Dr, Mobile, Mobile, AL			
	30 ° 40 ' 17.62 " N LAT.			88 ° 6 ' 54.61 " W LONG.
ANTENNA ID:	Ants 4-8	3.7 meters	Prodelin	1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WJTV Studio2			
LOCATION:	1820 TV Rd, Hinds, Jackson, MS			
	32 ° 17 ' 2.80 " N LAT.			90 ° 15 ' 49.00 " W LONG.
ANTENNA ID:	CW2	4 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBB TX1			
LOCATION:	13735 Scotts Ferry Rd, Bay, Youngstown, FL			
	30 ° 21 ' 9.00 " N LAT.			85 ° 23 ' 28.00 " W LONG.

ANTENNA ID:	ABC	5 meters	Comtech	948-1485
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBB TX2			
LOCATION:	13735 Scotts Ferry Rd, Bay, Youngstown, FL			
	30 ° 21 ' 9.00 " N LAT.			85 ° 23 ' 28.00 " W LONG.
ANTENNA ID:	Daily Feed	3 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBB Studio1			
LOCATION:	613 Harrison Ave, Bay, Panama City, FL			
	30 ° 9 ' 33.70 " N LAT.			85 ° 39 ' 38.70 " W LONG.
ANTENNA ID:	Daily Feed	3 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBB Studio2			
LOCATION:	613 Harrison Ave, Bay, Panama City, FL			
	30 ° 9 ' 33.70 " N LAT.			85 ° 39 ' 38.70 " W LONG.
ANTENNA ID:	MeTV	4.5 meters	unknown	unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WKRG Studio4			
LOCATION:	555 Broadcast Dr, Mobile, Mobile, AL			
	30 ° 40 ' 17.62 " N LAT.			88 ° 6 ' 54.61 " W LONG.
ANTENNA ID:	Ant 9	4.2 meters	Dawnco	D42F48-8PC-6.6
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WMBB Studio4			
LOCATION:	613 Harrison Ave, Bay, Panama City, FL			
	30 ° 9 ' 33.70 " N LAT.			85 ° 39 ' 38.70 " W LONG.
ANTENNA ID:	ABC2	4.2 meters	DH	spun aluminum
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WRBL Studio1			
LOCATION:	1350 13th Ave, Muscogee, Columbus, GA			
	32 ° 28 ' 19.98 " N LAT.			84 ° 58 ' 25.01 " W LONG.

ANTENNA ID:	MeTV	3.1 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WRBL Studio2			
LOCATION:	1350 13th Ave, Muscogee, Columbus, GA			
	32 ° 28 ' 21.28 " N LAT.			84 ° 58 ' 26.10 " W LONG.
ANTENNA ID:	Pathfire	2.4 meters	Prodelin	0179-174
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WRBL Studio3			
LOCATION:	1350 13th Ave, Muscogee, Columbus, GA			
	32 ° 28 ' 20.00 " N LAT.			84 ° 58 ' 25.00 " W LONG.
ANTENNA ID:	NetsSats	5.1 meters	Dawnco	unknown
SITE ID:	WMBB Studio3			
LOCATION:	613 Harrison Ave, Bay, Panama City, FL			
	30 ° 9 ' 33.70 " N LAT.			85 ° 39 ' 38.70 " W LONG.
ANTENNA ID:	ABC	3 meters	DH	spun aluminum
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WSAV Studio1			
LOCATION:	1430 E Victory Dr, Chatham, Savannah, GA			
	32 ° 2 ' 48.33 " N LAT.			81 ° 4 ' 40.08 " W LONG.
ANTENNA ID:	CW,180-2	4.2 meters	DH	42AE
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WSAV Studio2			
LOCATION:	1430 E Victory Dr, Chatham, Savannah, GA			
	32 ° 2 ' 48.33 " N LAT.			81 ° 4 ' 40.08 " W LONG.
ANTENNA ID:	Dish 23	3.7 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				PSK, Digital video with assoc. digital audio/data
SITE ID:	WSAV Studio3			
LOCATION:	1430 E Victory Dr, Chatham, Savannah, GA			
	32 ° 2 ' 48.33 " N LAT.			81 ° 4 ' 40.08 " W LONG.
ANTENNA ID:	Dish182-4	3.7 meters	DH	unknown

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID: WSPA Studio1			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 17.15 " N LAT.		82 ° 0 ' 17.20 " W LONG.	
ANTENNA ID: Zephyrus	1.7 meters	unknown	unknown
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID: WRBL Studio4			
LOCATION: 1350 13th Ave, Muscogee, Columbus, GA			
32 ° 28 ' 21.35 " N LAT.		84 ° 58 ' 25.12 " W LONG.	
ANTENNA ID: Ion	4.2 meters	Dawnco	D42PMD60-8PC-6.6
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	PSK, Digital video with assoc. digital audio/data
SITE ID: WSPA Studio3			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 16.74 " N LAT.		82 ° 0 ' 13.90 " W LONG.	
ANTENNA ID: Ant 3	7 meters	Avcom	unknown
SITE ID: WSPA Studio4			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 17.34 " N LAT.		82 ° 0 ' 13.22 " W LONG.	
ANTENNA ID: Ant 22	4.5 meters	Patriot	unknown
SITE ID: WSPA Studio5			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 17.88 " N LAT.		82 ° 0 ' 13.14 " W LONG.	
ANTENNA ID: Ant 19	3.7 meters	Patriot	unknown
SITE ID: WSPA Studio6			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 18.21 " N LAT.		82 ° 0 ' 13.10 " W LONG.	
ANTENNA ID: Ant 23	4.5 meters	Patriot	unknown
SITE ID: WSPA Studio2			
LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC			
34 ° 58 ' 16.58 " N LAT.		82 ° 0 ' 15.22 " W LONG.	
ANTENNA ID: Ant 13	7 meters	Microdyne	unknown

SITE ID: WSPA Studio8
 LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC
 34 ° 58 ' 16.00 " N LAT. 82 ° 0 ' 13.00 " W LONG.

 ANTENNA ID: Ant 4,5,6 4.5 meters EASi unknown

SITE ID: WSPA Studio9
 LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC
 34 ° 58 ' 16.73 " N LAT. 82 ° 0 ' 17.40 " W LONG.

 ANTENNA ID: Ant 11 3.7 meters Prodelin unknown

SITE ID: WLNS Studio2
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

 ANTENNA ID: Dish 10 7 meters Andrew 7

SITE ID: WLNS Studio3
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

SITE ID: WSPA Studio7
 LOCATION: 250 International Dr, Spartanburg, Spartanburg, SC
 34 ° 58 ' 16.15 " N LAT. 82 ° 0 ' 12.85 " W LONG.

 ANTENNA ID: Ant 7 4.5 meters D&H unknown

SITE ID: WLNS Studio5
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

 ANTENNA ID: Dish 4 3.8 meters USS unknown

SITE ID: WLNS Studio6
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

 ANTENNA ID: Dish 7,8 3.6 meters Miralite unknown

SITE ID: WROC Studio
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

 ANTENNA ID: Dish 11,12 4.5 meters Andrew unknown

SITE ID: WROC Studio2
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

 ANTENNA ID: CS 5 7 meters SA unknown

SITE ID: WLNS Studio4
 LOCATION: 2820 E Saginaw, Ingham, Lansing, MI
 42 ° 44 ' 22.60 " N LAT. 84 ° 30 ' 44.50 " W LONG.

ANTENNA ID: DHs 4.5 meters DH unknown

SITE ID: WROC Studio4
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

ANTENNA ID: CS 6 4.5 meters SA unknown

SITE ID: WROC Studio5
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

ANTENNA ID: Dish 4 4.5 meters Patriot unknown

SITE ID: WROC Studio6
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

SITE ID: WROC Studio7
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

ANTENNA ID: Dish 1 6.1 meters Harris unknown

SITE ID: WROC Studio3
 LOCATION: 201 Humboldt St, Monroe, Rochester, NY
 43 ° 9 ' 11.90 " N LAT. 77 ° 33 ' 46.90 " W LONG.

ANTENNA ID: Dish 6,10 4.5 meters DH unknown

SITE ID: WSYR Studio3
 LOCATION: 5904 Bridge St, Onondaga, East Syracuse, NY
 43 ° 3 ' 20.95 " N LAT. 76 ° 3 ' 52.41 " W LONG.

ANTENNA ID: Dish 2 3.8 meters Patriot PRT-380

SITE ID: WSYR Studio4
 LOCATION: 5904 Bridge St, Onondaga, East Syracuse, NY
 43 ° 3 ' 20.95 " N LAT. 76 ° 3 ' 52.41 " W LONG.

ANTENNA ID: Dish 18 3.8 meters DH single piece

SITE ID: WBRE Studio1
 LOCATION: 62 S Franklin st, Luzerne, Wilkes-Barre, PA
 41 ° 14 ' 45.30 " N LAT. 75 ° 53 ' 5.70 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 7M

SITE ID: WROC Studio8
LOCATION: 201 Humboldt St, Monroe, Rochester, NY
43 ° 9 ' 11.90 " N LAT.

77 ° 33 ' 46.90 " W LONG.

ANTENNA ID: Dish 3 5 meters USS unknown

Points of Communication:

- WBRE Studio1 - PERMITTED LIST - ()
- WCBD Studio1 - PERMITTED LIST - ()
- WCBD Studio2 - PERMITTED LIST - ()
- WCBD Studio3 - PERMITTED LIST - ()
- WCBD Studio4 - PERMITTED LIST - ()
- WCBD Studio5 - PERMITTED LIST - ()
- WDHN Studio1 - PERMITTED LIST - ()
- WDHN Studio2 - PERMITTED LIST - ()
- WDHN Studio3 - PERMITTED LIST - ()
- WFLA Studio1 - PERMITTED LIST - ()
- WFLA Studio2 - PERMITTED LIST - ()
- WFLA Studio3 - PERMITTED LIST - ()
- WFLA Studio4 - PERMITTED LIST - ()
- WFLA Transmitters - PERMITTED LIST - ()
- WJBF Farm - PERMITTED LIST - ()
- WJBF Farm2 - PERMITTED LIST - ()
- WJBF Roof - PERMITTED LIST - ()
- WJTV Studio1 - PERMITTED LIST - ()
- WJTV Studio2 - PERMITTED LIST - ()
- WJTV Studio3 - PERMITTED LIST - ()
- WKRG Studio1 - PERMITTED LIST - ()
- WKRG Studio2 - PERMITTED LIST - ()
- WKRG Studio3 - PERMITTED LIST - ()
- WKRG Studio4 - PERMITTED LIST - ()
- WLAX Studio1 - PERMITTED LIST - ()

WLAX Studio2 - PERMITTED LIST - ()
WLAX Studio3 - PERMITTED LIST - ()
WLAX Studio4 - PERMITTED LIST - ()
WLAX Studio5 - PERMITTED LIST - ()
WLAX Studio6 - PERMITTED LIST - ()
WLAX Studio7 - PERMITTED LIST - ()
WLNS Studio1 - PERMITTED LIST - ()
WLNS Studio2 - PERMITTED LIST - ()
WLNS Studio3 - PERMITTED LIST - ()
WLNS Studio4 - PERMITTED LIST - ()
WLNS Studio5 - PERMITTED LIST - ()
WLNS Studio6 - PERMITTED LIST - ()
WMBB Studio1 - PERMITTED LIST - ()
WMBB Studio2 - PERMITTED LIST - ()
WMBB Studio3 - PERMITTED LIST - ()
WMBB Studio4 - PERMITTED LIST - ()
WMBB TX1 - PERMITTED LIST - ()
WMBB TX2 - PERMITTED LIST - ()
WMBD Studio1 - PERMITTED LIST - ()
WMBD Studio2 - PERMITTED LIST - ()
WMBD Studio3 - PERMITTED LIST - ()
WMBD Studio4 - PERMITTED LIST - ()
WMBD Studio5 - PERMITTED LIST - ()
WMBD Studio6 - PERMITTED LIST - ()
WMBD Studio7 - PERMITTED LIST - ()
WMBD Studio8 - PERMITTED LIST - ()
WOI Studio1 - PERMITTED LIST - ()
WOI Studio2 - PERMITTED LIST - ()
WOI Studio3 - PERMITTED LIST - ()
WOI Studio4 - PERMITTED LIST - ()

WOI Studio5 - PERMITTED LIST - ()

WOI Studio6 - PERMITTED LIST - ()

WOI Studio7 - PERMITTED LIST - ()

WOI Studio8 - PERMITTED LIST - ()

WRBL Studio1 - PERMITTED LIST - ()

WRBL Studio2 - PERMITTED LIST - ()

WRBL Studio3 - PERMITTED LIST - ()

WRBL Studio4 - PERMITTED LIST - ()

WROC Studio - PERMITTED LIST - ()

WROC Studio2 - PERMITTED LIST - ()

WROC Studio3 - PERMITTED LIST - ()

WROC Studio4 - PERMITTED LIST - ()

WROC Studio5 - PERMITTED LIST - ()

WROC Studio7 - PERMITTED LIST - ()

WROC Studio8 - PERMITTED LIST - ()

WSAV Studio1 - PERMITTED LIST - ()

WSAV Studio2 - PERMITTED LIST - ()

WSAV Studio3 - PERMITTED LIST - ()

WSPA Studio1 - PERMITTED LIST - ()

WSPA Studio2 - PERMITTED LIST - ()

WSPA Studio3 - PERMITTED LIST - ()

WSPA Studio4 - PERMITTED LIST - ()

WSPA Studio5 - PERMITTED LIST - ()

WSPA Studio6 - PERMITTED LIST - ()

WSPA Studio7 - PERMITTED LIST - ()

WSPA Studio8 - PERMITTED LIST - ()

WSPA Studio9 - PERMITTED LIST - ()

WSYR Studio3 - PERMITTED LIST - ()

WSYR Studio4 - PERMITTED LIST - ()

SES-REG-20181005-04877 E E191249 N. W. Communications

Registration

10/05/2018 - 10/05/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 206 Main St, Holt, Maitland, MO

40 ° 12 ' 0.84 " N LAT.

95 ° 4 ' 27.76 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	NA
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video
ANTENNA ID:	2	3.8 meters	Comtech	NA
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video
ANTENNA ID:	3	3.8 meters	Comtech	NA
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video
ANTENNA ID:	4	3.2 meters	Comtech	NA
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video
ANTENNA ID:	5	3.7 meters	Prodelin	NA
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181005-04882 E E191254 N. W. Communications

Registration

10/05/2018 - 10/05/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 460 N. Main, Vernon County, Schell City, MO

37 ° 56 ' 48.01 " N LAT.

93 ° 23 ' 49.62 " W LONG.

ANTENNA ID:	1	3 meters	Channel Master	N/A
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK, compressed video
ANTENNA ID:	2	3.8 meters	Comtech	N/A

3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 3	3.7 meters	Prodelin	1374-995
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 4	3.8 meters	Comtech	N/A
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 5	3 meters	Channel Master	N/A
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 6	3 meters	Channel Master	N/A
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 7	3 meters	Channel Master	N/A
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video
ANTENNA ID: 8	3 meters	Channel Master	N/A
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK,compressed video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181005-04907	E E191278	North American Broadcasting Co., Inc.	
Registration			10/05/2018 - 10/05/2033
Grant of Authority			Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio
LOCATION: 1458 Dublin Road, Franklin, Columbus, OH
39 ° 59 ' 8.60 " N LAT. 83 ° 3 ' 54.00 " W LONG.

ANTENNA ID: 1	3.2 meters	AFC (Microdyne)	PR-10
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio Signals

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181006-05101 E E191479 Standard Tobacco Company, Inc.
Registration 10/06/2018 - 10/06/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WFTM Studio
LOCATION: 626 Forest Avenue PO Box 100, USA, Maysville, KY
38 ° 38 ' 30.00 " N LAT. 83 ° 45 ' 0.00 " W LONG.

ANTENNA ID: WFTMStudio 4.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7W Ditigal

Points of Communication:

WFTM Studio - AMC-8 (S2379 - (139 W.L.))

SES-REG-20181006-05142 E E191523 Standard Tobacco Company, Inc.
Registration 10/06/2018 - 10/06/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 94 Bentley Court, Robertson, Mouny Olivet, KY
38 ° 31 ' 45.00 " N LAT. 84 ° 2 ' 18.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 2
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 19.00 " W LONG.

ANTENNA ID: 2 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 3
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 19.00 " W LONG.

ANTENNA ID: 3 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 4
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 19.00 " W LONG.

ANTENNA ID: 4 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 5
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT.

ANTENNA ID: 5 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 6
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 43.00 " N LAT. 84 ° 2 ' 20.00 " W LONG.

ANTENNA ID: 6 3.8 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 7
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 20.00 " W LONG.

ANTENNA ID: 7 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

Points of Communication:

- 1 - SES-3 (S2892) - (103 W.L.)
- 2 - GALAXY 17 (S2715) - (91 W.L.)
- 3 - AMC 10 (S2432) - (135 W.L.)
- 4 - AMC-15 (S2180) - (105.0 W.L.)
- 5 - AMC-11(S2433) - (131 W.L.)
- 6 - GALAXY 14 (S2385) - (125 W.L.)
- 7 - GALAXY 15 (S2387) - (133.1)

SES-REG-20181007-04929 E E191300 UniMas Fresno LLC
Registration
Grant of Authority

10/07/2018 - 10/07/2033
Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Upper Grouse Valley Rd, Tulare, Balch Park, CA
36 ° 17 ' 12.74 " N LAT.

118 ° 50 ' 19.34 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04948	E	E191320	Troy Cablevision, Inc.	
Registration				10/02/2018 - 10/02/2033
Grant of Authority				Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1006 S Brundidge St., United States, Troy, AL
31 ° 47 ' 40.84 " N LAT.

85 ° 57 ' 56.87 " W LONG.

ANTENNA ID:	1	2.8 meters	Scientific Atlanta	9000
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	2	3.8 meters	Patriot	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	3	3.8 meters	National Downlink	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	4	3.8 meters	Satel Lite Exports	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	5	4.6 meters	Andrew	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	6	3.8 meters	National Downlink	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	7	3.8 meters	Patriot	???

3700.0000 - 4200.0000 MHz	30M0G7W	Modulation And Digital Services
ANTENNA ID: 8	3.8 meters Patriot	???
3700.0000 - 4200.0000 MHz	30M0G7W	Modulation And Digital Services
ANTENNA ID: 9	3.8 meters Patriot	???
3700.0000 - 4200.0000 MHz	30M0G7W	Modulation And Digital Services
ANTENNA ID: 10	4.6 meters Comtech	???
3700.0000 - 4200.0000 MHz	30M0G7W	Modulation And Digital Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04950	E E191322	Cameron Broadcasting, Inc.	10/04/2018 - 10/04/2033
Registration			Date Effective: 06/26/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: BHC 1
LOCATION: 2350 Miracle Mile Road Ste300, Mohave, Bullhead City AZ, AZ
35 ° 6 ' 5.00 " N LAT. 114 ° 35 ' 39.00 " W LONG.

ANTENNA ID: ANT 1	3.6 meters Unknown	Unknown
3700.0000 - 4200.0000 MHz	30M0G7W 0.00 dBW	Modulation and Services Analog and Digital Audio with associated subcarriers

Points of Communication:

BHC 1 - PERMITTED LIST - ()

SES-REG-20181008-04952	E E191324	5-Star Communications Inc.	10/08/2018 - 10/08/2033
Registration			Date Effective: 06/26/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KVTK
LOCATION: 210 W. 3rd St., Yankton, Yankton, SD
42 ° 52 ' 12.07 " N LAT. 97 ° 23 ' 39.93 " W LONG.

ANTENNA ID: Ant1	3.8 meters Comtech	8.3M Round
3700.0000 - 4200.0000 MHz	36M0G7F 0.00 dBW	Audio for radio broadcast

Points of Communication:

KVTK - PERMITTED LIST - ()

SES-REG-20181008-04953 E E191325 EnTouch

Registration

10/05/2018 - 10/05/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 16055 Spring Cypress Rd 16055 Spring Cypress Rd, Harris, Cypress, TX

29 ° 58 ' 43.89 " N LAT.

95 ° 40 ' 9.07 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	2	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	3	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	4	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	5	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	6	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	7	3.8 meters	Comtech	829066-G2RC
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	8	4.2 meters	DH Antenna	D42F48-8PC-5.5
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers
ANTENNA ID:	9	4.2 meters	DH Antenna	D42F48-8PC-5.5
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video with subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04955	E E191327	Horizon Cable TV, Inc.	10/05/2018 - 10/05/2033
Registration			Date Effective: 06/26/2020
Grant of Authority			

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 510 Mesa Rd, Marin, Point Reyes Station, CA
38 ° 4 ' 13.91 " N LAT. 122 ° 48 ' 30.97 " W LONG.

ANTENNA ID:	1	3.7 meters	Patriot	3.7
		3700.0000 - 4200.0000 MHz	36MCG7D	video
ANTENNA ID:	2	3.7 meters	Patriot	3.7
		3700.0000 - 4200.0000 MHz	36MCG7D	video
ANTENNA ID:	3	3.7 meters	Patriot	3.7
		3700.0000 - 4200.0000 MHz	36MCG7D	video
ANTENNA ID:	4	1.8 meters	Patriot	1.8
		3700.0000 - 4200.0000 MHz	36MCG7D	video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04956	E E191328	Union Springs Telephone Co.,Inc.	10/08/2018 - 10/08/2033
Registration			Date Effective: 06/26/2020
Grant of Authority			

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 47 Depot St, Bullock, Midway, AL
32 ° 4 ' 40.62 " N LAT. 85 ° 31 ' 18.42 " W LONG.

ANTENNA ID:	1	5 meters	Anixter	???
		3700.0000 - 4200.0000 MHz	36NOG7D	Modulation And Digital Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04957 E E191329 Union Springs Telephone Co.,Inc.
Registration 10/08/2018 - 10/08/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 206 Hardaway Ave East, Bullock, Union Springs, AL
32 ° 8 ' 39.87 " N LAT. 85 ° 42 ' 52.32 " W LONG.

ANTENNA ID:	1	5 meters	Anixter	???
	3700.0000 - 4200.0000 MHz		30M0G7W	Modulation And Digital Services
ANTENNA ID:	2	2.8 meters	Prodelin	???
	3700.0000 - 4200.0000 MHz		36NOG7D	Modulation And Digital Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04962 E E191334 Northland Cable Television, Inc.
Registration 10/08/2018 - 10/08/2033
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1020 S. Brazos Street, Houston, Crockett, TX
31 ° 18 ' 16.60 " N LAT. 95 ° 27 ' 4.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video Programming
ANTENNA ID:	2	3.8 meters	Scientific Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video Programming
ANTENNA ID:	3	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video Programming
ANTENNA ID:	4	3.8 meters	Procline	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Video Programming

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 212 W Cypress, Jackson, Altus, OK
34 ° 38 ' 22.42 " N LAT. 99 ° 20 ' 9.62 " W LONG.

ANTENNA ID: ANT1 4.5 meters Unimesh ust410a

3700.0000 - 4200.0000 MHz

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181009-04989 E E191365 Absolute Communications II, L.L.C.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Worthington
LOCATION: 28779 County Highway 35 28779 County Highway 35, Nobles, WORTHINGTON, MN
43 ° 37 ' 48.57 " N LAT. 95 ° 40 ' 43.43 " W LONG.

ANTENNA ID: Worthingto 2.8 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0G7W QPSK

Points of Communication:

Worthington - PERMITTED LIST - ()

SES-REG-20181009-05007 E E191383 TURNER BROADCASTING SYSTEM, INC.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 03
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 1.30 " N LAT. 84 ° 23 ' 36.20 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 7MPolar

3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW QPSK, 8PSK & 16APSK Modulation, digital video

3700.0000 - 4200.0000 MHz 20M0G7F 0.00 dBW QPSK, 8PSK & 16APSK Modulation, digital video

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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SITE ID: Antenna 05
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 1.30 " N LAT. 84 ° 23 ' 36.60 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 7MPolar

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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Points of Communication:

Antenna 03 - PERMITTED LIST - ()

Antenna 05 - PERMITTED LIST - ()

SES-REG-20181009-05008 E E191384 TURNER BROADCASTING SYSTEM, INC.

Registration 10/09/2018 - 10/09/2033

Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CRES Antenna 09
LOCATION: 7200 Campbellton Rd. SW, Fulton, Atlanta, GA
33 ° 41 ' 26.70 " N LAT. 84 ° 37 ' 19.20 " W LONG.

ANTENNA ID: 1 11 meters Viasat 8016

3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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SITE ID: CRES Antenna 15
LOCATION: 7200 Campbellton Rd. SW, Fulton, Atlanta, GA
33 ° 41 ' 26.10 " N LAT. 84 ° 37 ' 19.40 " W LONG.

ANTENNA ID: 1 9.3 meters Andrews 237237

3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
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3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

Points of Communication:

CRES Antenna 09 - PERMITTED LIST - ()

CRES Antenna 15 - PERMITTED LIST - ()

SES-REG-20181009-05012 E E191388 TURNER BROADCASTING SYSTEM, INC.
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CRES Antenna 16
 LOCATION: 7200 Campbellton Rd. SW, Fulton, Atlanta, GA
 33 ° 41 ' 24.60 " N LAT. 84 ° 37 ' 20.30 " W LONG.

ANTENNA ID: 1	9 meters	Viasat	8009A
3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: CRES Antenna 21
 LOCATION: 7200 Campbellton Rd. SW, Fulton, Atlanta, GA
 33 ° 41 ' 24.20 " N LAT. 84 ° 37 ' 20.40 " W LONG.

ANTENNA ID: 1	9 meters	Viasat	8009A
3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

SITE ID: CRES Antenna 11
 LOCATION: 7200 Campbellton Rd. SW, Fulton, Atlanta, GA
 33 ° 41 ' 24.80 " N LAT. 84 ° 37 ' 20.50 " W LONG.

ANTENNA ID: 1	9 meters	Viasat	8009A
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3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	20M0G7F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video
3700.0000 - 4200.0000 MHz	15M5G1F	0.00 dBW	QPSK, 8PSK & 16APSK Modulation, digital video

Points of Communication:

CRES Antenna 11 - PERMITTED LIST - ()

CRES Antenna 16 - PERMITTED LIST - ()

CRES Antenna 21 - PERMITTED LIST - ()

SES-REG-20181009-05019 E E191395 Legacy Communications, LLC
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4
 LOCATION: 106 W. 8th Street, Red Willow, McCook, NE
 40 ° 11 ' 52.40 " N LAT. 100 ° 38 ' 13.10 " W LONG.

ANTENNA ID: 1	3.2 meters	Scientific Atlanta	9000
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video and Audio Services
3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Video and Audio Services with associated subcarriers

Points of Communication:

4 - PERMITTED LIST - ()

SES-REG-20181009-05021 E E191397 Legacy Communications, LLC
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 41
 LOCATION: 2002 Char Avenue, Scotts Bluff, Scottsbluff, NE
 41 ° 52 ' 0.20 " N LAT. 103 ° 40 ' 38.00 " W LONG.

ANTENNA ID: 1	3.2 meters	Scientific Atlanta	9000
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video and Audio Services

3700.0000 - 4200.0000 MHz

36M0F8F

0.00 dBW

Video and Audio Services with associated subcarriers

Points of Communication:

41 - PERMITTED LIST - ()

SES-REG-20181009-05023 E E191400 Northland Cable Television, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 39636 Oak Ridge Drive, Madera, Oakhurst, CA

37 ° 19 ' 27.60 " N LAT.

119 ° 36 ' 0.60 " W LONG.

ANTENNA ID: 1

3.8 meters

Patriot

PRT 380

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05026 E E191403 KUVS License Partnership, G.P.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 38

LOCATION: End of Riata Way Angels Camp, Calaveras, Sacramento, CA

38 ° 7 ' 6.89 " N LAT.

120 ° 43 ' 30.55 " W LONG.

ANTENNA ID: 1

3.8 meters

Tag Faded

Tag Faded

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video, Audio, and Data

Points of Communication:

38 - PERMITTED LIST - ()

SES-REG-20181009-05072 E E191450 Northland Cable Television, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 105 Siskiyou Ave, Siskiyou, Mt. Shasta, CA
 41 ° 18 ' 15.20 " N LAT. 122 ° 18 ' 42.80 " W LONG.

ANTENNA ID:	1	4.5 meters	AFC	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	2	3.8 meters	AFC	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	3	3.8 meters	Patriot	PRT 380
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming
ANTENNA ID:	4	3.1 meters	Patriot	PRT 310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05114 E E191494 University of WI - Madison
 Registration 10/09/2018 - 10/09/2033
 Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: UWSSEC
 LOCATION: 1225 West Dayton St, Dane, Madison, WI
 43 ° 4 ' 14.00 " N LAT. 89 ° 24 ' 24.00 " W LONG.

ANTENNA ID:	Orchard	11 meters	Unknown	NA
	3700.0000 - 4200.0000 MHz		36M0G7D	8 PSK, DVBS2 NOAAport, Gilmore Relay, Wallops Relay, Meteosat second generation relay
ANTENNA ID:	Patriot1	4.5 meters	Patriot	NA
	3700.0000 - 4200.0000 MHz		36M0G7D	8PSK, DVBS2, NOAAport
ANTENNA ID:	Patriot3	6.3 meters	Patriot	630DAKP
	3700.0000 - 4200.0000 MHz		36M0G7D	8 PSK, DVBS2 NOAAport, Gilmore Relay
ANTENNA ID:	LittleAndr	3.8 meters	Andrews	NA

3700.0000 - 3840.0000 MHz

36M0F8F

DVBS2 Geonetcast

Points of Communication:

UWSSEC - GALAXY 28 (S2160) - (89.0 W.L.)

UWSSEC - INTELSAT 21 (S2863) - (58.0 W.L.)

UWSSEC - SES-1 (S2807) - (101.0 W.L.)

UWSSEC - SES-2 (S2826) - (87 W.L.)

SES-REG-20181010-05151 E E191532 6 Johnson Road Licenses, Inc.

Registration

10/10/2018 - 10/10/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Fishkill NY

LOCATION: 715 Rt 52, Dutchess, Beacon, NY

41 ° 31 ' 25.87 " N LAT.

73 ° 55 ' 50.66 " W LONG.

ANTENNA ID: 1

2.8 meters

DH Satellite

2.8meter

3700.0000 - 4200.0000 MHz

Points of Communication:

Fishkill NY - PERMITTED LIST - ()

SES-REG-20181010-05155 E E191536 Pacific and Southern, LLC

Registration

10/10/2018 - 10/10/2033

Grant of Authority

Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1 Monroe Place NE, Fulton, Atlanta, GA

33 ° 48 ' 34.00 " N LAT.

84 ° 22 ' 22.00 " W LONG.

ANTENNA ID: 1

4.5 meters

Patriot

Parabolic/Front Feed

3700.0000 - 4200.0000 MHz

36M0G7W

QPSK, DVBS, DBVS2 video services

ANTENNA ID: 2

5.5 meters

CTI (SATCOM/RSI)

Cassegrain-4010/4020

3700.0000 - 4200.0000 MHz

36M0G7W

QPSK, DVBS, DBVS2 video services

ANTENNA ID: 3

3.8 meters

COMTECH

Parabolic/Front Feed

	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DBVS2 video services
ANTENNA ID:	4	5.5 meters	CTI (SATCOM/RSI)		Cassegrain-4010/4020
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	5	3.8 meters	DAWNCO		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	6	3.8 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	7	3.8 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	8	3.8 meters	ANDREW		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	9	3.8 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	10	3.7 meters	DAWNCO		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
SITE ID:	2				
LOCATION:	110 Arizona Avenue, DeKalb, Atlanta, GA				
	33 ° 45 ' 24.00 " N LAT.			84 ° 19 ' 55.00 " W LONG.	
ANTENNA ID:	11	7 meters	RSI		PARABOLIC/500-0643
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	12	4.5 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	13	3.8 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services
ANTENNA ID:	14	3.8 meters	PATRIOT		Parabolic/Front Feed
	3700.0000 - 4200.0000 MHz		36M0G7W		QPSK, DVBS, DVBS2 video services

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20181010-05156 E E191537 BFI Licenses, LLC
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: RO 2

LOCATION: 3845 Pleasantdale Rd, Dekalb, Atlanta, GA

33 ° 53 ' 47.50 " N LAT.

84 ° 14 ' 21.20 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

ANTENNA ID:	2	3.7 meters	California Microwave	3.7Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

RO 2 - PERMITTED LIST - ()

SES-REG-20181010-05190 E E191571 6 Johnson Road Licenses, Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Door Drive, Rutland, Rutland, VT

43 ° 35 ' 27.90 " N LAT.

72 ° 59 ' 29.46 " W LONG.

ANTENNA ID:	1	2.8 meters	DH Satellite	2.8Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05195 E E191576 Northland Cable Television, Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Statesboro - NCTV

LOCATION: 328 Cindy Lane, Bulloch, Statesboro, GA

32 ° 26 ' 6.10 " N LAT.

81 ° 44 ' 41.60 " W LONG.

ANTENNA ID:	Antenna 1	3.8 meters	Patriot	PRT 380	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 2	3.8 meters	Patriot	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 3	5 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 4	2.8 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 5	3.7 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 6	2.8 meters	Scientific Atlanta	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 7	3.7 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 8	5 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 9	3.7 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	Antenna 10	6 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video Programming

Points of Communication:

Statesboro - NCTV - PERMITTED LIST - ()

SES-REG-20181010-05197 E E191578 Woods Communications Corporation
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 2
LOCATION: Old Union Road, Pike, Fitzpatrick, AL
32 ° 3 ' 36.50 " N LAT. 85 ° 57 ' 1.80 " W LONG.

ANTENNA ID: ANT1 3.048 meters Wineguard WG-10
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and services Digital Video

Points of Communication:

Site 2 - PERMITTED LIST - ()

SES-REG-20181010-05200 E E191581 Freese-Notis Weather, Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site1
LOCATION: 2413 Grand Ave. 2413 Grand Ave., Polk, Des Moines, IA
41 ° 37 ' 10.00 " N LAT. 93 ° 35 ' 53.00 " W LONG.

ANTENNA ID: ant1 3.7 meters General dynamics big
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog video with associated subcarriers

Points of Communication:

Site1 - PERMITTED LIST - ()

SES-REG-20181010-05203 E E191584 L&D Broadcasters, Inc.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8010 N Main Street, Montgomery, Dayton, OH
39 ° 50 ' 22.70 " N LAT. 84 ° 15 ' 24.50 " W LONG.

ANTENNA ID: 1 3 meters American Antennas, Inc. TVRO 4.5

3700.0000 - 4200.0000 MHz

36M0G7W

digital audio and video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05204 E E191585 Fox Broadcasting Company

Registration

10/10/2018 - 10/10/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 16550 West Nine Mile, Oakland, Southfield, MI

42 ° 27 ' 36.10 " N LAT.

83 ° 12 ' 44.60 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 2 6.1 meters Vertex 6.1

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 3 4.5 meters Patriot 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 4 4.5 meters DH 4.5

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 5 3.8 meters D&H 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 6 3 meters D&H 3.0

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05205 E E191586 Fox Broadcasting Company
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 119 East 10th Street, Travis, Austin, TX
30 ° 16 ' 16.40 " N LAT. 97 ° 44 ' 26.20 " W LONG.

ANTENNA ID: 1	3.8 meters	Andrew Corporation	3.8M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 2	3.8 meters	Patriot	3.8
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 3	3.7 meters	AFC	3.7
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 4	3.5 meters	Parabolic	3.5M
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 5	3.5 meters	Parabolic	3.5
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 6	1.3 meters	Parabolic	1.3
3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05222 E E191601 Mongoose Works, Ltd.
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: HQ
 LOCATION: 4950 S El Camino Dr, Arapahoe, Cherry Hills Village, CO
 39 ° 37 ' 34.60 " N LAT. 104 ° 55 ' 2.20 " W LONG.

ANTENNA ID:	T90	0.9 meters	Wave Frontier	T90
ANTENNA ID:	3.0A	3 meters	Winegard	CK-1088
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	3.2	3.2 meters	Radyx	10.5
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	3.0B	3 meters	Unimesh	10AS
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video and Weather Data
ANTENNA ID:	3.5A	3.5 meters	Tek 2000	350
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	1.8	1.8 meters	Prodelin	1186
ANTENNA ID:	2.6B	2.6 meters	Birdview	20/20M
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	3.5B	3.5 meters	Tek 2000	350
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	2.6A	2.6 meters	Birdview	20/20M
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video
ANTENNA ID:	3.0C	3 meters	Kaultronics	KTI-10
	3700.0000 - 4200.0000 MHz		30M0G7W 0.00 dBW	Digital Video

Points of Communication:

HQ - PERMITTED LIST - ()

SES-REG-20181010-05226 E E191605 KDTV License Partnership, G.P.
 Registration 10/10/2018 - 10/10/2033
 Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 9526 Weller Road, Alameda, San Jose, CA
 37 ° 29 ' 57.15 " N LAT. 121 ° 52 ' 20.99 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech Polar Mount
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181010-05388 E E200093 KROS Broadcasting, Inc.
 Registration 10/10/2018 - 10/10/2033
 Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KROS
 LOCATION: 870 13th Avenue North, Clinton, Clinton, IA
 41 ° 51 ' 34.90 " N LAT. 90 ° 12 ' 17.10 " W LONG.

ANTENNA ID: KROS1 2.8 meters scientific atlanta 9000
 3700.0000 - 4200.0000 MHz 36M0G7W audio

Points of Communication:

KROS - PERMITTED LIST - ()

SES-REG-20181010-05939 E E200631 MID-HUDSON CABLEVISION
 Registration 10/10/2018 - 10/10/2033
 Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: Olympus Palace Road, Greene, Catskill, NY
 42 ° 12 ' 36.00 " N LAT. 73 ° 54 ' 0.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA UNKNOWN
 3700.0000 - 4200.0000 MHz 36M0G7W Video

ANTENNA ID: 2 4 meters Protelin Unknown
 3700.0000 - 4200.0000 MHz 36M0G7W Video

ANTENNA ID: 3 4 meters Protelin Unknown

	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	4	10 meters	Unknown	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	5	4 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	6	4 meters	Viking	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	7	4 meters	Viking	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	7	4 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	8	4 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	9	4 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	10	6 meters	Unknown	AMC1/W1
	3700.0000 - 4200.0000 MHz		36M0G7W	Video
ANTENNA ID:	11	4 meters	D/H Satellite	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-04562	E E190929	Commonwealth Public Broadcasting Corporation
Registration		10/11/2018 - 10/11/2033
Grant of Authority		Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WVPT Earth Station
LOCATION: 298 Port Republic Road, Rockingham, Harrisonburg, VA
38 ° 25 ' 56.28 " N LAT. 78 ° 52 ' 34.00 " W LONG.

ANTENNA ID: 4M., 4 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 36M0G7W DVB-S QPSK

Points of Communication:

WVPT Earth Station - PERMITTED LIST - ()

SES-REG-20181011-04745 E E191115 KOB-TV, LLC
Registration 07/12/2018 - 07/12/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOB STUDIO
LOCATION: 4 BROADCAST PLAZA, S.W., BERNALILLO, ALBUQUERQUE, NM
35 ° 4 ' 53.80 " N LAT. 106 ° 40 ' 1.40 " W LONG.

ANTENNA ID: KOB STUDIO 5 meters ATCI 5B
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW COMPRESSED DIGITAL VIDEO

Points of Communication:

KOB STUDIO - PERMITTED LIST - ()

SES-REG-20181011-04766 E E191136 SUNBEAM TELEVISION CORPORATION
Registration 08/21/2018 - 08/21/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WSVN STUDIOS
LOCATION: 1401 79TH STREET CAUSEWAY, MIAMI-DADE, NORTH BAY VILLAGE, FL
25 ° 50 ' 59.30 " N LAT. 80 ° 9 ' 17.10 " W LONG.

ANTENNA ID: 4.5m 4.5 meters SCIENTIFIC ATLANTA 8345
3700.0000 - 4200.0000 MHz 1M64G7D 0.00 dBW QPSK DATA
3700.0000 - 4200.0000 MHz 11M5G7F 0.00 dBW QPASK COMPRESSED VIDEO
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW ANALOG VIDEO WITH AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

QPSK, QPASK COMPRESSED,
ANALOG VIDEO WITH AUDIO
SUBCARRIERS

Points of Communication:

WSVN STUDIOS - PERMITTED LIST - ()

SES-REG-20181011-05186 E E191567

Jukebox Media LLC

Registration

10/05/2018 - 10/05/2033

Grant of Authority

Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 Public Square S., Wayne, Waynesboro, TN
35 ° 19 ' 9.27 " N LAT.

87 ° 45 ' 47.52 " W LONG.

ANTENNA ID: 1

3.5 meters

KTI

TV-3.5

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video & Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05354 E E200060

The Borough of Kutztown

Registration

10/11/2018 - 10/11/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 135 Alex Court, Berks, Kutztown, PA
40 ° 31 ' 54.00 " N LAT.

75 ° 46 ' 32.00 " W LONG.

ANTENNA ID: ANT1

Simulsat

Simulsat 5

3700.0000 - 4200.0000 MHz

30M0G7W

0.00 dBW

Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-05404 E E200109

UNIVERSITY OF NORTHWESTERN - ST. PAUL

Registration

10/11/2018 - 10/11/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KFNW
LOCATION: 5702 52ND AVE S, CASS, FARGO, SD
46 ° 48 ' 10.99 " N LAT. 96 ° 52 ' 56.01 " W LONG.

ANTENNA ID: KFNW 3.7 meters PRODELIN 1374-995
3700.0000 - 4200.0000 MHz 37M0G7W 0.00 dBW ALLSAT

Points of Communication:

KFNW - PERMITTED LIST - ()

SES-REG-20181011-05434 E E200139 Wittenberg Cable TV Co Inc
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Wittenberg Cable TV
LOCATION: 104 W Walker Street, Marathon, Wittenberg, WI
44 ° 49 ' 52.00 " N LAT. 89 ° 10 ' 3.00 " W LONG.

ANTENNA ID: unknown
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Wittenberg Cable TV - PERMITTED LIST - ()

SES-REG-20181011-05667 E E200364 TDS BROADBAND SERVICE LLC
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MI Connection
LOCATION: 420 S. Academy Street, Iredell, Mooresville, NC
35 ° 34 ' 42.68 " N LAT. 80 ° 49 ' 11.31 " W LONG.

ANTENNA ID: AMC10 4.6 meters Scientific Atlanta 8005
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW c-band, catv channels

ANTENNA ID: G14 4.6 meters Scientific Atlanta 8005
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

ANTENNA ID: G23 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: G15	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: G13	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: AMC11	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: SES11	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: G18	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: SES1	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: G17	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
ANTENNA ID: SES3	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video

Points of Communication:

- MI Connection - AMC 10 (S2432) - (135 W.L.)
- MI Connection - AMC-11(S2433) - (131 W.L.)
- MI Connection - AMC-18 (S2713) - (139 WL)
- MI Connection - GALAXY 13 (S2386) - (127 W.L.)
- MI Connection - GALAXY 14 (S2385) - (125 W.L.)
- MI Connection - GALAXY 15 (S2387) - (133.1)
- MI Connection - GALAXY 17 (S2715) - (91 W.L.)
- MI Connection - GALAXY 18 (S2733) - (123 W.L.)
- MI Connection - GALAXY 23 (S2592) - (121 W.L.)

MI Connection - SES-1 (S2807) - (101.0 W.L.)

MI Connection - SES-3 (S2892) - (103 W.L.)

SES-REG-20181011-05805 E E200497 Codcomm, Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Codcomm
LOCATION: 243 South Street 243 South Street, Barnstable, Hyannis, MA
41 ° 39 ' 2.00 " N LAT. 70 ° 17 ' 2.00 " W LONG.

ANTENNA ID: Antenna 1 3.8 meters Andrew 3.8 receive
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Radio broadcasting

Points of Communication:

Codcomm - PERMITTED LIST - ()

SES-REG-20181012-05259 E E191631 MBM TEXAS VALLEY LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1201 North Jackson Road #900, Hidalgo, McAllen, TX
26 ° 12 ' 44.75 " N LAT. 98 ° 12 ' 10.09 " W LONG.

ANTENNA ID: unknown
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05453 E E200158 Wireless Beehive LLC
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Lake Point
 LOCATION: 2000 E Sunset Rd., Tooele, Lake Point, UT
 40 ° 40 ' 48.75 " N LAT. 112 ° 15 ' 30.18 " W LONG.

ANTENNA ID:	SA3.2	3.2 meters	SA	3.2
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	3.8m	3.8 meters	Patriot	Patriot
			36M0G7D	Video
ANTENNA ID:	SSE	4.5 meters	SSE8345	Big Dish
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	prodelin-o	3.7 meters	Prodelin	old
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	Prodelin-N	3.7 meters	Prodelin	New
	3700.0000 - 4200.0000 MHz		36M0G7D	Video
ANTENNA ID:	Eagle	3.7 meters	Eagle	3.7
	3700.0000 - 4200.0000 MHz		36M0G7D	Video

Points of Communication:

Lake Point - AMC 10 (S2432) - (135 W.L.)
 Lake Point - AMC-11(S2433) - (131 W.L.)
 Lake Point - AMC-18 (S2713) - (139 WL)
 Lake Point - GALAXY 13 (S2386) - (127 W.L.)
 Lake Point - GALAXY 14 (S2385) - (125 W.L.)
 Lake Point - GALAXY 15 (S2387) - (133.1)
 Lake Point - GALAXY 17 (S2715) - (91 W.L.)
 Lake Point - GALAXY 18 (S2733) - (123 W.L.)
 Lake Point - PERMITTED LIST - ()
 Lake Point - SES-1 (S2807) - (101.0 W.L.)
 Lake Point - SES-11 (S2964) - (104.95 W.L.)
 Lake Point - SES-3 (S2892) - (103 W.L.)

SES-REG-20181012-05455 E E200159 Center Cable Co.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Greeley
LOCATION: 80861 498th Ave, Greeley, Greeley, NE
41 ° 32 ' 50.14 " N LAT. 98 ° 31 ' 15.97 " W LONG.

ANTENNA ID: Triple 3.7 meters Satcom vs 370 3C
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video
ANTENNA ID: northeast 3.7 meters DH 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video
ANTENNA ID: petalled 3.7 meters Patriot p370ae
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video

Points of Communication:

Greeley - PERMITTED LIST - ()

SES-REG-20181012-05558 E E200261 Cable Services, inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Valley City 1
LOCATION: 33rd St SE & 118th Ave SE, Barnes, Valley City, ND
46 ° 56 ' 7.00 " N LAT. 97 ° 58 ' 30.00 " W LONG.

ANTENNA ID: 3.8Pat 3.8 meters Patriot 3.8AzEI
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Valley City 1 - PERMITTED LIST - ()

SES-REG-20181012-05576 E E200279 Pennyryle Christian Community, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WNKJ Studios
LOCATION: 1100 E. 18th St., Christian, Hopkinsville, KY
36 ° 51 ' 22.00 " N LAT. 87 ° 28 ' 54.00 " W LONG.

ANTENNA ID: SAT1 3.8 meters Comtech 934D0015G1
3700.0000 - 4200.0000 MHz 30K0F1E Digital Audio

Points of Communication:

WNKJ Studios - PERMITTED LIST - ()

SES-REG-20181012-05578 E E200281 New Hope Telephone Coop
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: NHTC
LOCATION: 5415 Main Drive, Madison, New Hope, AL
34 ° 32 ' 22.70 " N LAT. 86 ° 23 ' 44.70 " W LONG.

ANTENNA ID: ANTI 5 meters ATCI Simulsat
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

NHTC - PERMITTED LIST - ()

SES-REG-20181012-05593 E E200295 KBUK Radio, Inc.
Registration 10/12/2018 - 10/12/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: P.O. Box 609, Fayette, LaGrange, TX
29 ° 52 ' 58.00 " N LAT. 96 ° 51 ' 57.00 " W LONG.

ANTENNA ID: 3.0M 3 meters Prodelin 3.0M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181014-05662 E E200359 Wilcop Cable TV
Registration 10/18/2018 - 10/18/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A
LOCATION: Pine ave, Rockcastle, Brodhead, KY
37 ° 24 ' 14.60 " N LAT. 84 ° 24 ' 38.50 " W LONG.

ANTENNA ID: 1 unknown unknown
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181015-04805 E E191176 jefferson county cable, inc
Registration 07/17/2018 - 07/17/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Empire Ohio
LOCATION: 319 Twp Rd 246, Jefferson, Toronto, OH
40 ° 30 ' 12.93 " N LAT. 80 ° 38 ' 44.78 " W LONG.

ANTENNA ID: G-17 3.1 meters Patriot 3.1
3700.0000 - 4200.0000 MHz 36M0G7W Analog and Digital with associate Audio subcarriers

ANTENNA ID: Patri 3.8 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Analog and Digital with associated audio subcarriers

Points of Communication:

Empire Ohio - AMC-1(S2445) - (130.90)

Empire Ohio - GALAXY 13 (S2386) - (127 W.L.)

Empire Ohio - GALAXY 14 (S2385) - (125 W.L.)

Empire Ohio - GALAXY 17 (S2715) - (91 W.L.)

Empire Ohio - GALAXY 18 (S2733) - (123 W.L.)

Empire Ohio - GALAXY 23 (S2592) - (121 W.L.)

Empire Ohio - PERMITTED LIST - ()

Empire Ohio - PERMITTED LIST - ()

Empire Ohio - SES-1 (S2807) - (101.0 W.L.)

Empire Ohio - SES-11 (S2964) - (104.95 W.L.)

Empire Ohio - SES-3 (S2892) - (103 W.L.)

SES-REG-20181015-05230 E E191609 Houston Christian Broadcasters, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 744 Oaklawn, Murray, Sulphur, LA
34 ° 40 ' 1.00 " N LAT. 96 ° 58 ' 52.00 " W LONG.

ANTENNA ID: 1 3.7 meters General Dynamics 1374

3700.0000 - 4200.0000 MHz 400KG7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05730 E E200419 Frontdoor Broadcasting, L.L.C.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTXK Studio
LOCATION: 1359 Carmichael Way, Montgomery, Montgomery, AL
32 ° 21 ' 25.60 " N LAT. 86 ° 14 ' 23.90 " W LONG.

ANTENNA ID: Sat Ant 1 3 meters Orbitron SX-10

3700.0000 - 4200.0000 MHz 36M0G7W video / audio / data

Points of Communication:

WTXK Studio - PERMITTED LIST - ()

SES-REG-20181015-05734 E E200423 Tiger Communications, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WACQ Studio
LOCATION: 320 Barnett Blvd, Elmore, Tallassee, AL
32 ° 32 ' 10.90 " N LAT. 85 ° 53 ' 39.80 " W LONG.

ANTENNA ID:	Sat Ant 1	3.8 meters	Comtech	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video / audio / data
ANTENNA ID:	Sat Ant 2	3.4 meters	Prodelin	1344
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video / audio / data
ANTENNA ID:	Sat Ant 3	3.65 meters	Cosmos	12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video / audio / data

Points of Communication:

WACQ Studio - PERMITTED LIST - ()

SES-REG-20181015-05771 E E200463 Hi-Line Radio Fellowship, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KXEI Studio
LOCATION: 317 First Street, Hill, Havre, MT
48 ° 33 ' 14.00 " N LAT. 109 ° 40 ' 39.10 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	True Focus	4P12.5-S
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video

Points of Communication:

KXEI Studio - PERMITTED LIST - ()

SES-REG-20181015-05776 E E200468 Boulder Community Broadcast Association, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KGNU

LOCATION: 4700 Walnut St, Boulder, Boulder, CO
40 ° 1 ' 10.00 " N LAT.

105 ° 14 ' 35.00 " W LONG.

ANTENNA ID: 3.8 3.8 meters Comtech 3.8 PF

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz 30K0G3W Digital / analog traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz 36M0G3W Digital / analog traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz 30K0G7W Digital traffic, various FEC, data rates and modulation

Points of Communication:

KGNU - PERMITTED LIST - ()

SES-REG-20181015-05778 E E200470 Washington Broadcasting Company

Registration

10/15/2018 - 10/15/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 98 South Main St., Washington, Washington, PA
40 ° 10 ' 10.30 " N LAT.

80 ° 14 ' 40.60 " W LONG.

ANTENNA ID: 1 3.8 meters Challenger Comm. 3.8MPF

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-05794 E E200486 PMJ COMMUNICATIONS, INC.

Registration

10/15/2018 - 10/15/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WLEA Studio
LOCATION: 5942 County Route 64, Steuben, Hornell, NY
42 ° 17 ' 17.00 " N LAT. 77 ° 38 ' 47.00 " W LONG.

ANTENNA ID: Ant 1 2.8 meters Scientific Atlanta Series 9000
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video with associated subcarriers

Points of Communication:

WLEA Studio - PERMITTED LIST - ()

SES-REG-20181015-05796 E E200488 Grace Community Church of Amarillo
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 4111 Plains Blvd, Potter, Amarillo, TX
35 ° 11 ' 53.20 " N LAT. 101 ° 53 ' 0.90 " W LONG.

ANTENNA ID: Ant 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW DIGITAL

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181015-05832 E E200522 Prairieburg Telephone Company, Incorporated
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Prairieburg
LOCATION: 120 W Main Street, Linn, Prairieburg, IA
42 ° 14 ' 19.38 " N LAT. 91 ° 25 ' 25.84 " W LONG.

ANTENNA ID: Ant1 3.7 meters DH Satellite 3.7DH1
3700.0000 - 4200.0000 MHz 30M0G7W Analog Video with associated audio subcarriers

ANTENNA ID: Ant2 3.2 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 30M0G7W Analog Video with associated audio subcarriers

ANTENNA ID:	Ant3	3.7 meters	General Dynamics Satcom Technologies	3.7M
	3700.0000 - 4200.0000 MHz	30M0G7W		Analog Video with associated audio subcarriers

Points of Communication:

- Prairieburg - GALAXY 14 (S2385) - (125 W.L.)
- Prairieburg - GALAXY 15 (S2387) - (133.1)
- Prairieburg - GALAXY 17 (S2715) - (91 W.L.)
- Prairieburg - GALAXY 18 (S2733) - (123 W.L.)
- Prairieburg - PERMITTED LIST - ()
- Prairieburg - SES-1 (S2807) - (101.0 W.L.)
- Prairieburg - SES-11 (S2964) - (104.95 W.L)
- Prairieburg - SES-3 (S2892) - (103 W.L.)

SES-REG-20181015-05839	E	E200529	Kensington Digital Media of Indiana, L.L.C.	
Registration				10/15/2018 - 10/15/2033
Grant of Authority				Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WSRW Studio
LOCATION: 216 West Market St., Kosciusko, Warsaw, IN
41 ° 14 ' 14.70 " N LAT. 85 ° 51 ' 31.60 " W LONG.

ANTENNA ID:	ANT1	2.43 meters	Channel Master	2.43 meter
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Audio

Points of Communication:

- WSRW Studio - PERMITTED LIST - ()

SES-REG-20181015-05890	E	E200580	Pickwick Cablevision, Inc.	
Registration				10/15/2018 - 10/15/2033
Grant of Authority				Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Counce
LOCATION: 1845 Old SR 57, Hardin, Counce, TN
35 ° 1 ' 49.00 " N LAT. 88 ° 14 ' 10.00 " W LONG.

ANTENNA ID: unknown

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Counce - PERMITTED LIST - ()

SES-REG-20181015-06079 E E200770 MLS Communications, Inc.
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio
LOCATION: 3001 N. Highway 64 Guymon, OK, OK, Guymon, OK
36 ° 42 ' 36.58 " N LAT. 101 ° 29 ' 10.15 " W LONG.

ANTENNA ID: Antenna1 3 meters Yagi ant3.0
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW digital video

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181015-06134 E E200824 Sanilac Broadcasting Co
Registration 10/15/2018 - 10/15/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WMIC Studio
LOCATION: 19 S. Elk St., Sanilac, Sandusky, MI
43 ° 25 ' 14.90 " N LAT. 82 ° 49 ' 47.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters Comtech 3.8 meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio
3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio

Points of Communication:

WMIC Studio - PERMITTED LIST - ()

SES-REG-20181016-05270 E E191642 Blue Stream Communications, LLC
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12409 NW 35th Street, USA, Coral Springs, FL
26 ° 16 ' 29.74 " N LAT. 80 ° 17 ' 33.78 " W LONG.

ANTENNA ID: 1 4.5 meters American Antennas, INC TVRO-4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-06163 E E200851 Board of Education of the City of Atlanta
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1631 LA France St NE
LOCATION: 1631 LA France St NE, Fulton, Atlanta, GA
33 ° 45 ' 34.16 " N LAT. 84 ° 20 ' 5.08 " W LONG.

ANTENNA ID: 934D0015-G 3.8 meters comtech 3.8 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1631 LA France St NE - PERMITTED LIST - ()

SES-REG-20181016-06201 E E200888 S & K TV Systems, Inc.
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Birchwood
LOCATION: 401 Cedar Avenue, Washburn, Birchwood, WI
45 ° 39 ' 6.00 " N LAT. 91 ° 33 ' 35.00 " W LONG.

ANTENNA ID: ANT 1 3.7 meters VIKING P370FAE

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video
ANTENNA ID: ant 2	3 meters	Channel Master	6346
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video
ANTENNA ID: ant 3	3.4 meters	prodelin	1344
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video
ANTENNA ID: ant 4	3 meters	na	na
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services Digital Video

Points of Communication:

Birchwood - PERMITTED LIST - ()

SES-REG-20181016-06202	E E200889	Dowdy & Dowdy Partnership	10/16/2018 - 10/16/2033
Registration			Date Effective: 06/30/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gulfport
 LOCATION: 10250 Lorraine Rd, Harrison, Gulfport, MS
 30 ° 26 ' 4.40 " N LAT. 89 ° 1 ' 47.50 " W LONG.

ANTENNA ID: 1	3.1 meters	Patriot	3.1m Prime Focus
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video, audio and data

Points of Communication:

Gulfport - PERMITTED LIST - ()

SES-REG-20181016-06233	E E200913	STATE BOARD OF EDUCATION STATE OF IDAHO	10/16/2018 - 10/16/2033
Registration			Date Effective: 06/30/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAID-TV- Ant. 2
 LOCATION: 1455 N. Orchard Street, ADA, Boise, ID
 43 ° 37 ' 4.68 " N LAT. 116 ° 14 ' 40.27 " W LONG.

ANTENNA ID: ANT-2	5 meters	DH Satellite	50DH-1
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

KAID-TV- Ant. 2 - PERMITTED LIST - ()

SES-REG-20181016-06258 E E200931 Withers Broadcasting Company of Paducah, LLC
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WZZL Studio
LOCATION: 1700 North 18th Street, McCracken, Paducah, KY
 37 ° 5 ' 50.77 " N LAT. 88 ° 37 ' 22.87 " W LONG.

ANTENNA ID: ANT1 3.7 meters Channel Master 12ft

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

SITE ID: WMOK Studio
LOCATION: 339 Fairgrounds Road, Massac, Metropolis, IL
 37 ° 9 ' 10.77 " N LAT. 88 ° 42 ' 36.13 " W LONG.

ANTENNA ID: ANT1 3.7 meters Channel Master 12ft

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

Points of Communication:

WMOK Studio - PERMITTED LIST - ()

WZZL Studio - PERMITTED LIST - ()

SES-REG-20181016-06363 E E201020 Bresnan Communications, LLC
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 140 E Loucks St, Sheridan, Sheridan, WY
 44 ° 47 ' 49.10 " N LAT. 106 ° 57 ' 13.90 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video, Audio, Data

ANTENNA ID:	2	4.5 meters	Scientific Atlanta	SA4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video, Audio, Data
ANTENNA ID:	3	3.8 meters	Comtech	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video, Audio, Data
ANTENNA ID:	4	5 meters	Scientific Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video, Audio, Data
ANTENNA ID:	5	4.6 meters	Scientific Atlanta	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video, Audio, Data
ANTENNA ID:	6	3.8 meters	Patriot	Unknown
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-06379 E E201030 PARISH COMMUNICATIONS
 Registration 10/16/2018 - 10/16/2033
 Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Petoskey
 LOCATION: 7792 Pickerel Lake Rd, Emmet, Petoskey, MI
 45 ° 22 ' 34.53 " N LAT. 84 ° 48 ' 38.95 " W LONG.

ANTENNA ID:	Petoskey	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		Petoskey	0.00 dBW
				Video

Points of Communication:

Petoskey - PERMITTED LIST - ()

SES-REG-20181016-06392 E E201040 Ingstad Brothers Broadcasting, LLC
 Registration 10/16/2018 - 10/16/2033
 Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KNUJ Studio Location
LOCATION: 317 North Minnesota, Brown, New Ulm, MN
44 ° 19 ' 0.00 " N LAT. 94 ° 27 ' 45.58 " W LONG.

ANTENNA ID: ant1 3.8 meters Comtech 3.8 meter dual axis
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog digital video/audio with associated sub-carries

Points of Communication:

KNUJ Studio Location - PERMITTED LIST - ()

SES-REG-20181016-06411 E E201055 St. Peter the Rock Media
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 07/01/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 6201 West Snowville, Cuyahoga, Brecksville, OH
41 ° 17 ' 3.50 " N LAT. 81 ° 38 ' 30.90 " W LONG.

ANTENNA ID: ANT 1 3.8 meters Harris TVRO 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Audio & Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06431 E E201073 Fletcher Smith and Associates
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 07/01/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ACTV Headend
LOCATION: 210 Frank Edwards Road, Ashe, West Jefferson, NC
36 ° 20 ' 27.70 " N LAT. 81 ° 31 ' 54.90 " W LONG.

ANTENNA ID: Patriot 3.8 meters Patriot Patriot
3700.0000 - 4200.0000 MHz 100KG7W Digital Data, Audio, and Video

Points of Communication:

ACTV Headend - PERMITTED LIST - ()

SES-REG-20181016-06434 E E201075 Radigan Broadcasting Group, LLC
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 07/01/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WEBO-AM Transmitter
LOCATION: 147 Montrose Avenue, Tioga, Owego, NY
42 ° 5 ' 31.60 " N LAT. 76 ° 15 ' 25.50 " W LONG.

ANTENNA ID: ANT1 3.7 meters Dawn Co D37
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio with associated subcarriers

Points of Communication:

WEBO-AM Transmitter - PERMITTED LIST - ()

SES-REG-20181016-06449 E E201092 Iowa City Broadcasting Company, Inc.
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KDMA Studio Location
LOCATION: 4454 Highway 212 West, Chippewa, Montevideo, MN
44 ° 56 ' 3.22 " N LAT. 95 ° 44 ' 47.86 " W LONG.

ANTENNA ID: ant1 3.8 meters Comtech 3.8 meter dual axis
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog digital video/audio with associated sub-carriers

Points of Communication:

KDMA Studio Location - PERMITTED LIST - ()

SES-REG-20181017-05999 E E200693 WBIN Media Co., Inc.
Registration 10/11/2018 - 10/11/2033
Grant of Authority Date Effective: 07/01/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Westbrook
LOCATION: 30 Thomas Dr Westbrook, Maine, Cumberland, Westbrook, ME
43 ° 38 ' 5.00 " N LAT. 70 ° 20 ' 58.00 " W LONG.

ANTENNA ID: unknown

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Westbrook - PERMITTED LIST - ()

SES-REG-20181017-06556 E E201179 HC2 Station Group, Inc.
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Laurel Tower SA
LOCATION: 1010 W Laurel St, San Antonio, TX
29 ° 26 ' 29.90 " N LAT. 98 ° 30 ' 22.80 " W LONG.

ANTENNA ID: ANT 1 3 meters Andersen 4P-10S

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Laurel Tower SA - PERMITTED LIST - ()

SES-REG-20181017-06558 E E201181 HC2 Station Group, Inc.
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Tampa Boyette Rd
LOCATION: 14607 Boyette Road, Riverview, FL
27 ° 50 ' 51.50 " N LAT. 82 ° 15 ' 49.40 " W LONG.

ANTENNA ID: ANT 1 3 meters Andersen 4P-10S

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Tampa Boyette Rd - PERMITTED LIST - ()

SES-REG-20181017-06564 E E201184 HC2 LPTV Holdings, Inc.
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Cedar Hill/Milton
LOCATION: 1360 Belt Line Rd, Cedar Hill, TX
32 ° 35 ' 22.00 " N LAT. 96 ° 58 ' 12.90 " W LONG.

ANTENNA ID: ANT 1 3 meters Prodelin 1304
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers
ANTENNA ID: ANT 2 3 meters D&H 30DH1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Cedar Hill/Milton - PERMITTED LIST - ()

SES-REG-20181017-06580 E E201201 A-1 COMMUNICATIONS
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 406 West Union Street, Columbia, Magnolia, AR
33 ° 16 ' 7.30 " N LAT. 93 ° 14 ' 37.40 " W LONG.

ANTENNA ID: Ant 1 3.04 meters Prime Focus Tech 2000
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-06581 E E201202 CableSouth Media III, LLC
Registration 10/16/2018 - 10/16/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 3
LOCATION: 645 Frontage Rd, Lonoke, Lonoke, AR
34 ° 48 ' 9.63 " N LAT. 91 ° 52 ' 47.83 " W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot 829066-G2RC
3700.0000 - 4200.0000 MHz

Points of Communication:

Site 3 - PERMITTED LIST - ()

SES-REG-20181017-06710	E	E201327	New Ulm Telecom, Inc.	10/17/2018 - 10/17/2033
Registration				Date Effective: 06/24/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: Hutchinson Headend

LOCATION: 225 Franklin St. SW, McLeod, Hutchinson, MN

44 ° 53 ' 21.61 " N LAT.

94 ° 22 ' 12.90 " W LONG.

ANTENNA ID: Hutch1 4.5 meters Scientific Atlanta SA 8345

3700.0000 - 4200.0000 MHz 36M0G7W Reception of analog and digital video signals with associated subcarriers

ANTENNA ID: Hutch2 3.7 meters Prodelin 1374-1375

3700.0000 - 4200.0000 MHz 36M0G7W Reception of analog and digital video signals with associated subcarriers

Points of Communication:

Hutchinson Headend - PERMITTED LIST - ()

SES-REG-20181017-06777	E	E201400	Fort Randall Cable Systems, Inc	10/17/2018 - 10/17/2033
Registration				Date Effective: 06/29/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: Tripp South Dakota

LOCATION: 807 S Main St., Hutchinson, Tripp, SD

43 ° 21 ' 49.00 " N LAT.

97 ° 9 ' 60.00 " W LONG.

ANTENNA ID: Tripp 4.6 meters Prodelin Mod. 8005

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Video

Points of Communication:

Tripp South Dakota - PERMITTED LIST - ()

SES-REG-20181017-06837	E	E201455	JAX BROADCASTING, LLC	10/17/2018 - 10/17/2033
Registration				Date Effective: 06/29/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE 1

LOCATION: 236 Woodland Drive, Bedford, Shelbyville, TN
35 ° 27 ' 17.72 " N LAT.

86 ° 27 ' 7.54 " W LONG.

ANTENNA ID: ANT 1 3.8 meters Comtech 3.8m

3700.0000 - 4200.0000 MHz 30K0F1D Digital aural carriers

Points of Communication:

SITE 1 - PERMITTED LIST - ()

SES-REG-20181017-06840 E E201458 Vermont Telephone Co., Inc

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: VTel Headend

LOCATION: 2 Elm St, Windsor, North Springfield, VT
43 ° 19 ' 55.52 " N LAT.

72 ° 31 ' 22.22 " W LONG.

ANTENNA ID: VTel SAT 7.558 meters Simulsat 5B Multibeam Antenna

3700.0000 - 4200.0000 MHz 36M0G7W Linear Television Transports

Points of Communication:

VTel Headend - AMC 10 (S2432) - (135 W.L.)

VTel Headend - AMC-11(S2433) - (131 W.L.)

VTel Headend - GALAXY 13 (S2386) - (127 W.L.)

VTel Headend - GALAXY 14 (S2385) - (125 W.L.)

VTel Headend - GALAXY 15 (S2387) - (133.1)

VTel Headend - GALAXY 17 (S2715) - (91 W.L.)

VTel Headend - GALAXY 18 (S2733) - (123 W.L.)

VTel Headend - GALAXY 23 (S2592) - (121 W.L.)

VTel Headend - GALAXY 28 (S2160) - (89.0 W.L.)

VTel Headend - PERMITTED LIST - ()

VTel Headend - SES-1 (S2807) - (101.0 W.L.)

VTel Headend - SES-11 (S2964) - (104.95 W.L.)

VTel Headend - SES-3 (S2892) - (103 W.L.)

SES-REG-20181017-06842 E E201460 Electronic Design & Development, Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Skagway Cable TV

LOCATION: 3rd and Alaska PO BOX 1229 - Haines, Skagway, Skagway, AK
59 ° 27 ' 23.11 " N LAT. 135 ° 19 ' 18.50 " W LONG.

ANTENNA ID:	1	3.6 meters	chapparel	12
		3700.0000 - 4200.0000 MHz	3700	analog and digital cable tv
ANTENNA ID:	2	3.8 meters	patriot	3.8
		3700.0000 - 4200.0000 MHz	3700	analog and digital cable tv
ANTENNA ID:	3	4.5 meters	patriot	4.5
		3700.0000 - 4200.0000 MHz	3700	analog and digital cable television
ANTENNA ID:	4	12 meters	harris	20ft
		3700.0000 - 4200.0000 MHz	3700	analog and digital cable tv service

Points of Communication:

Skagway Cable TV - PERMITTED LIST - ()

SES-REG-20181017-06851 E E201470 Regional Educational Television Network / RETN
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: RETN rooftop

LOCATION: 208 Flynn Ave, Suite 2K, Chittenden, Burlington, VT
44 ° 27 ' 22.00 " N LAT. 73 ° 13 ' 5.00 " W LONG.

ANTENNA ID:	RETN	2.4 meters	Channel Master	Channel Master
		3700.0000 - 4200.0000 MHz	6M00C7W	QPSK/DVB-S, MPEG-2/MPEG-4 video programming

Points of Communication:

RETN rooftop - PERMITTED LIST - ()

SES-REG-20181017-06900 E E201515 Trenton T. V. Cable Company

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: G17

LOCATION: 2027 R Hwy 45 BYP S 2027 R Hwy 45 BYP S, Gibson, Trenton, TN

35 ° 58 ' 22.00 " N LAT.

88 ° 55 ' 33.00 " W LONG.

ANTENNA ID: G17 3.8 meters DH 38DH1

3700.0000 - 4200.0000 MHz 36MOG7D 10.00 dBW video

SITE ID: SES1

LOCATION: 2027 R Hwy 45 BYP S 2027 R Hwy 45 BYP S, Gibson, Trenton, TN

35 ° 58 ' 23.00 " N LAT.

88 ° 55 ' 33.00 " W LONG.

ANTENNA ID: SES1 3.8 meters DH 38DH1

3700.0000 - 4200.0000 MHz 36MOG7D 10.00 dBW video

SITE ID: AMC18

LOCATION: 2027 R Hwy 45 BYP S 2027 R Hwy 45 BYP S, Gibson, Trenton, TN

35 ° 58 ' 22.00 " N LAT.

88 ° 55 ' 33.00 " W LONG.

ANTENNA ID: AMC 18 3.8 meters DH 38DH1

3700.0000 - 4200.0000 MHz 36MOG7D 10.00 dBW video

SITE ID: Site G15

LOCATION: 2027 R Hwy 45 BYP S 2027 R Hwy 45 BYP S, Gibson, Trenton, TN

35 ° 58 ' 23.00 " N LAT.

88 ° 55 ' 33.00 " W LONG.

ANTENNA ID: G15 3.7 meters DH 37DH1

3700.0000 - 4200.0000 MHz 36MOG7D 10.00 dBW video

SITE ID: Site G14

LOCATION: 2027 R Hwy 45 BYP S 2027 R Hwy 45 BYP S, Gibson, Trenton, TN

35 ° 58 ' 23.00 " N LAT.

88 ° 55 ' 33.00 " W LONG.

ANTENNA ID: G14 4.5 meters DH 45DH1

3700.0000 - 4200.0000 MHz 36MOG7D 10.00 dBW video

Points of Communication:

AMC18 - PERMITTED LIST - ()

G17 - PERMITTED LIST - ()

SES1 - PERMITTED LIST - ()

Site G14 - PERMITTED LIST - ()

Site G15 - PERMITTED LIST - ()

SES-REG-20181017-06904 E E201519 Renard Communications Corp.

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Syracuse Site

LOCATION: 401 W. Kirkpatrick St., Onondaga, Syracuse, NY

43 ° 3 ' 29.90 " N LAT.

76 ° 9 ' 58.50 " W LONG.

ANTENNA ID:	5M1	4.9 meters	Orbitron	O-16
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	3M1	3.4 meters	Uniden	UST-111
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	4M2	3.8 meters	Paraclipse	PT12HH
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	3M2	3 meters	Perfect 10	10S
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	4M3	3.8 meters	Paraclipse	PT12
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	4M4	3.8 meters	KTI	STI-12
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio
ANTENNA ID:	3M3	3 meters	Macom	Dual Polar
	3700.0000 - 4200.0000 MHz		36M0G7W	digital video and audio

Points of Communication:

Syracuse Site - PERMITTED LIST - ()

SES-REG-20181017-06909 E E201524 St. Louis Regional Public Media, Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3655 Olive St., St Louis, St Louis, MO
38 ° 38 ' 21.00 " N LAT. 90 ° 14 ' 3.79 " W LONG.

ANTENNA ID: 1 3.7 meters AFC PR-12/4
3700.0000 - 4200.0000 MHz 0.0 0.00 dBW Digital Video and Audio and other data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06910 E E201525 Tongue River Communications
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 620 Betty St, Sheridan, Ranchester, WY
44 ° 54 ' 33.64 " N LAT. 107 ° 10 ' 2.38 " W LONG.

ANTENNA ID: Ran 1 3.8 meters Patriot Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Ran 2 3.8 meters Comtech Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Ran 3 3 meters Patriot Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Ran 4 4.6 meters Scientific Atlanta Unk
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06915 E E201530 City of Morganton
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CoMPAS Headend
LOCATION: 209 Vine Arden Rd, Burke, Morganton, NC
35 ° 45 ' 38.60 " N LAT. 81 ° 40 ' 54.50 " W LONG.

ANTENNA ID: A-7 4.5 meters SA 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital data, audio and video

Points of Communication:

CoMPAS Headend - PERMITTED LIST - ()

SES-REG-20181017-06941 E E201556 RTC Communications Corp.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Head End
LOCATION: 412 E 450 N, Fulton, Rochester, IN
41 ° 7 ' 20.07 " N LAT. 86 ° 13 ' 57.83 " W LONG.

ANTENNA ID: RTC-1 3.6 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

Points of Communication:

Head End - PERMITTED LIST - ()

SES-REG-20181017-06964 E E201581 Kudzu Communications Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 107 East Spring Street, Tippah, Ripley, MS
34 ° 43 ' 52.48 " N LAT. 88 ° 56 ' 55.53 " W LONG.

ANTENNA ID: ANT 1 3 meters Prime Focus 300

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Audio and Video Signals

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-06972 E E201590 Watchmen Broadcasting Productions International, Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Ant 03

LOCATION: 1750 Knox Ave, Aiken, North Augusta, SC

33 ° 30 ' 49.55 " N LAT.

81 ° 57 ' 27.99 " W LONG.

ANTENNA ID: ant03 3.7 meters Unkown Unkown

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subca

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subca

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subca

Points of Communication:

Ant 03 - PERMITTED LIST - ()

SES-REG-20181017-06975 E E201593 Port St. Lucie Broadcasters, Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WJNX-AM

LOCATION: 4100 Metzger Road, St Lucie, Ft Pierce, FL

27 ° 27 ' 20.00 " N LAT.

80 ° 22 ' 2.00 " W LONG.

ANTENNA ID: WJNX-AM 3 meters Prodelin 1304-990

3700.0000 - 4200.0000 MHz 36m0g7w 0.00 dBW 36m0g7w

Points of Communication:

WJNX-AM - GALAXY 28 (S2160) - (89.0 W.L.)

SES-REG-20181017-06977 E E201595 St. Joseph's Catholic Men's Fellowship
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 250 Lone Star Road, Nacogdoches, Nacogdoches, TX
31 ° 38 ' 34.30 " N LAT. 94 ° 41 ' 10.70 " W LONG.

ANTENNA ID: Ant 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Audio and Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-07005 E E201613 Newman Media Inc
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE1
LOCATION: 2485 S Marion Avenue, Columbia, LAKE CITY, FL
30 ° 9 ' 20.00 " N LAT. 82 ° 38 ' 14.00 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech EL/AZ
3700.0000 - 4200.0000 MHz 36M0G7W digital

Points of Communication:

SITE1 - PERMITTED LIST - ()

SES-REG-20181017-07031 E E201639 Gold Standard Broadcasting, Inc
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Radio PC
LOCATION: 700 W. 23rd Street, Bay, Panama City, FL
30 ° 11 ' 29.00 " N LAT. 85 ° 40 ' 16.00 " W LONG.

ANTENNA ID: RADIO PC 3.7 meters Dawnco Patriot

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Audio Services

Points of Communication:

Radio PC - PERMITTED LIST - ()

SES-REG-20181017-07051 E E201661 RCR of Randolph County, Ltd

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: wzoo

LOCATION: 2641 Lazy Pine Rd, Randolph, Randleman, NC

35 ° 45 ' 50.00 " N LAT.

79 ° 50 ' 4.00 " W LONG.

ANTENNA ID: 1

3.7 meters

DH Satellite

3.7

3700.0000 - 4200.0000 MHz

36M0G7W

Points of Communication:

wzoo - PERMITTED LIST - ()

SES-REG-20181017-07052 E E201662 Darren B Perkins

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KXCV

LOCATION: 800 University Drive, Nodway, Maryville, MO

40 ° 21 ' 12.60 " N LAT.

94 ° 52 ' 56.70 " W LONG.

ANTENNA ID: 1

3.7 meters

Prodelin

3700.0000 - 4200.0000 MHz

3610G7W

Points of Communication:

KXCV - PERMITTED LIST - ()

SES-REG-20181019-06917 E E201532 CITY OF WYANDOTTE DEPT. OF MUNICIPAL SERVICE

Registration

10/19/2018 - 10/19/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Wyandotte Cable
LOCATION: 3005 Biddle Ave, Wayne, Wyandotte, MI
42 ° 12 ' 10.52 " N LAT. 83 ° 8 ' 56.21 " W LONG.

ANTENNA ID: 3.8 3.8 meters D & H 3.8 meter
3700.0000 - 4200.0000 MHz 36MDG7D 45.90 dBW Video

Points of Communication:

Wyandotte Cable - PERMITTED LIST - ()

SES-REG-20181019-06955 E E201571 Three Way Broadcasting, Inc.
Registration 10/19/2018 - 10/19/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KHND Studio Location
LOCATION: 718 Lincoln Avenue, Wells, Harvey, ND
47 ° 46 ' 15.00 " N LAT. 99 ° 56 ' 6.00 " W LONG.

ANTENNA ID: ant1 3.8 meters Comtech 3.8 dual axis
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog video/audio with subcarries

Points of Communication:

KHND Studio Location - PERMITTED LIST - ()

SES-REG-20181022-06746 E E201367 Fox Sports Spartanburg 2, LLC
Registration 10/20/2018 - 10/20/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WSPG
LOCATION: 340 Garner Road, Spartanburg, Spartanburg, SC
34 ° 58 ' 26.00 " N LAT. 81 ° 55 ' 36.00 " W LONG.

ANTENNA ID: ANT 1 3.7 meters DH Satellite DH374PCAE
3700.0000 - 4200.0000 MHz 36M0G7W digital

Points of Communication:

WSPG - SES-11 (S2964) - (104.95 W.L)

SES-REG-20181023-06935 E E201550 NBC Telemundo License LLC

Registration

10/23/2018 - 10/23/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SanAntonio

LOCATION: 6234 San Pedro Ave, BEXAR, San Antonio, TX

29 ° 29 ' 37.00 " N LAT.

98 ° 29 ' 54.50 " W LONG.

ANTENNA ID: KVDA-2 4.5 meters Andrew ESA45-412
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

ANTENNA ID: KVDA-3 4.5 meters Superior Satellite Engineers SSE 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

SanAntonio - PERMITTED LIST - ()

SES-REG-20181023-07007 E E201615 Infostructure Inc

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: HUMBOLDT

LOCATION: 3620 Ocoma Way, GIBSON, HUMBOLDT, TN

35 ° 50 ' 17.00 " N LAT.

88 ° 53 ' 40.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH D37F48-5.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 2 3.7 meters Patriot Unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 1 3.7 meters DH Unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 3 5 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID:	4	3 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Digital Video

Points of Communication:

HUMBOLDT - PERMITTED LIST - ()

SES-REG-20181024-07181	E	E201774	Walmart Inc		
Registration				10/24/2018 - 10/24/2033	
Grant of Authority				Date Effective:	06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WM HO
LOCATION: 702 SW 8th Street 702 SW 8th Street, MS 0280 - WMTV, Benton, Bentonville, AR
36 ° 21 ' 55.40 " N LAT. 94 ° 13 ' 3.80 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Audio/Video

ANTENNA ID:	2	3.1 meters	Patriot	3.1
	3700.0000 - 4200.0000 MHz		36M0G7W	Audio/Video

Points of Communication:

WM HO - PERMITTED LIST - ()

SES-REG-20181025-07016	E	E201624	Muirfield Broadcasting, Inc.		
Registration				10/25/2018 - 10/25/2033	
Grant of Authority				Date Effective:	06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 200 Short Street, Moore, Southern Pines, NC
35 ° 9 ' 57.78 " N LAT. 79 ° 25 ' 10.35 " W LONG.

ANTENNA ID:	1	3 meters	Channel Master	TVRO-3.0	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181025-07132 E E201721 Broadcast Properties, Inc.
Registration 10/24/2018 - 10/24/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio Site
LOCATION: 6501 Highway 88, Franklin, Washington, MO
38 ° 28 ' 54.04 " N LAT. 91 ° 2 ' 40.29 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

Studio Site - PERMITTED LIST - ()

SES-REG-20181026-06787 E E201411 Donnell, Inc.
Registration 10/17/2018 - 10/17/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Station
LOCATION: 1472 10 St NW, Wright, Buffalo, MN
45 ° 9 ' 59.60 " N LAT. 93 ° 55 ' 13.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite D37F48-4PC-5/5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video, audio and data

Points of Communication:

Station - PERMITTED LIST - ()

SES-REG-20181026-07193 E E201786 Bristol Broadcasting Co., Inc.
Registration 10/26/2018 - 10/26/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Huntington Studios
LOCATION: 703 3rd Avenue, Cabell, Huntington, WV
38 ° 25 ' 16.00 " N LAT. 82 ° 26 ' 50.00 " W LONG.

ANTENNA ID: Ant 1 4.5 meters AMERICAN ANTENNAS, INC TVRO- 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

Huntington Studios - PERMITTED LIST - ()

SES-REG-20181027-07195 E E201788 WYRS Broadcasting
Registration 10/27/2018 - 10/27/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service

SITE ID: Manahawkin WYRS Stud
LOCATION: Lighthouse Dr., Ocean, Manahawkin, NJ
 39 ° 43 ' 15.00 " N LAT. 74 ° 16 ' 41.00 " W LONG.

ANTENNA ID: 3.1m 3.1 meters Patriot Patriot 3.1m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DVB-S

Points of Communication:

Manahawkin WYRS Stud - SES-2 (S2826) - (87 W.L.)

SES-REG-20181029-05227 E E191606 Sierra Nevada Communications
Registration 10/29/2018 - 10/29/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Pinecrest dump Rd Hwy 108, Tuolumne, Pinecrest, CA
 38 ° 11 ' 2.15 " N LAT. 120 ° 0 ' 47.28 " W LONG.

ANTENNA ID: 1 3.7 meters General Dynamic Prodelin series 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

ANTENNA ID: 2 3.7 meters General Dynamics Prodelin Series 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

ANTENNA ID: 3 3.7 meters General Dynamics Prodelin Series 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

ANTENNA ID: 4 3.7 meters General Dynamics Prodelin Series 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181029-07101	E	E201702	Anne's Entertainment Vision, Inc.	10/17/2018 - 10/17/2033
Registration				Date Effective: 06/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: WCRS Studio

LOCATION: 637 Durst Ave East, Greenwood, Greenwood, SC

34 ° 12 ' 33.20 " N LAT.

82 ° 9 ' 3.70 " W LONG.

ANTENNA ID:	MainRec	3.1 meters	Kaul-Tronics	XTI-10
	3700.0000 - 4200.0000 MHz		2M45G7W	0.00 dBW
				DVB-S Receive Digital Audio and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Audio and Data
	3700.0000 - 4200.0000 MHz		300K0G7W	0.00 dBW
				Digital Audio and Data

Points of Communication:

WCRS Studio - PERMITTED LIST - ()

SES-REG-20181029-07214	E	E201807	Sierra Nevada Communications	10/29/2018 - 10/29/2033
Registration				Date Effective: 06/29/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: Cold Springs

LOCATION: Hwy 108 CA, Tuolumne, Cold Springs, CA

38 ° 9 ' 47.84 " N LAT.

120 ° 3 ' 12.01 " W LONG.

ANTENNA ID:	1 Galaxy15	3.7 meters	General Dynamics	Prodelin Series 1375
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video
ANTENNA ID:	2 Galaxy14	3.7 meters	General Dynamics	Prodelin Series 1375
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video
ANTENNA ID:	3 SES 3	3.7 meters	General Dynamics	Prodelin series 1375
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Video
ANTENNA ID:	4 Galaxy17	3.7 meters	General Dynamics	Prodelin Series 1375

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Video
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Points of Communication:

Cold Springs - PERMITTED LIST - ()

SES-REG-20181029-07219	E	E201812	Missouri Southern State University	10/29/2018 - 10/29/2033
Registration				Date Effective: 06/29/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MSSU TV Site
LOCATION: 3950 E Newman Road, Jasper, Joplin, MO
37 ° 5 ' 50.00 " N LAT. 94 ° 27 ' 33.00 " W LONG.

ANTENNA ID:	TVAntenna1	5 meters	Unknown	Unknown
3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Analog Video with associated subcarriers	
ANTENNA ID:	TVAntenna2	3.7 meters	Unknown	Unknown
3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Analog Video with associated subcarriers	

Points of Communication:

MSSU TV Site - PERMITTED LIST - ()

SES-REG-20181029-07226	E	E201819	NBC Telemundo License LLC	10/29/2018 - 10/29/2033
Registration				Date Effective: 06/29/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: NBSCA-MA
LOCATION: 7700 Wisconsin Ave, MONTGOMERY, Bethesda, MD
38 ° 59 ' 12.20 " N LAT. 77 ° 5 ' 42.90 " W LONG.

ANTENNA ID:	NBSCA-1	6.1 meters	Scientific Atlanta	8060
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers	
ANTENNA ID:	NBSCA-23	4.5 meters	Scientific Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W		Digital video, audio and data on phase modulated carriers	
ANTENNA ID:	NBSCA-4	3.8 meters	DH Satellite	3.8 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital video, audio and data on phase modulated carriers

Points of Communication:

NBCS-MA - PERMITTED LIST - ()

SES-REG-20181030-05232 E E191612 New Life Studios, Inc.

Registration

10/30/2018 - 10/30/2033

Grant of Authority

Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 224 West Central Avenue, Fentress, Jamestown, TN

36 ° 25 ' 42.70 " N LAT.

84 ° 56 ' 5.60 " W LONG.

ANTENNA ID: 1

3 meters

Dawnco

DH30PLB-48

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Data, Audio and Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181030-06468 E E201111 CULVER COMMUNICATIONS CORP.

Registration

10/16/2018 - 10/16/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WLVL Radio

LOCATION: 320 Michigan Street, Niagara, Lockport, NY

43 ° 10 ' 31.00 " N LAT.

78 ° 42 ' 37.00 " W LONG.

ANTENNA ID: 54.9

3.9624 meters

Comtech

Norstat 3420

3700.0000 - 4200.0000 MHz

500KG7W

Points of Communication:

WLVL Radio - PERMITTED LIST - ()

SES-REG-20181030-06522 E E201163 Cumberland Cellular, Inc.

Registration

10/30/2018 - 10/30/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A
LOCATION: Russell, Russell Springs, KY
37 ° 3 ' 14.84 " N LAT. 85 ° 5 ' 15.41 " W LONG.

ANTENNA ID: R Spring 12 meters ATCi Simulsat 5B
3700.0000 - 4200.0000 MHz 36M0G7D 0.00 dBW Video

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20181030-06907 E E201522 Fannin County Broadcasting Co., Inc.
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 333 W. Highland St., Fannin, Blue Ridge, GA
34 ° 52 ' 2.80 " N LAT. 84 ° 20 ' 0.38 " W LONG.

ANTENNA ID: ANT1 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Audio and associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181030-06934 E E201549 CCR-Great Falls IV, LLC
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/25/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Great Falls, MT
LOCATION: 914 13th Avenue South, Cascade, Great Falls, MT
47 ° 29 ' 26.50 " N LAT. 111 ° 17 ' 28.94 " W LONG.

ANTENNA ID: GF-SAT-1 3 meters DH Satellite 30DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video

Points of Communication:

Great Falls, MT - PERMITTED LIST - ()

SES-REG-20181030-07041 E E201649 Coastal Carolina Radio, LLC
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Trans
LOCATION: 1000 Burton Farm Road, Pamlico, Minnesott Beach, NC
35 ° 0 ' 3.20 " N LAT. 76 ° 49 ' 54.80 " W LONG.

ANTENNA ID: SAT1 3.7 meters DAWNCO D37F48

3700.0000 - 4200.0000 MHz

Points of Communication:

Trans - AMC-11(S2433) - (131 W.L.)

SES-REG-20181030-07227 E E201820 Stephen W Staples, Jr (d/b/a WFLW-WKYM)
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 150 Worsham Lane, Wayne, Monticello, KY
36 ° 50 ' 13.42 " N LAT. 84 ° 51 ' 49.60 " W LONG.

ANTENNA ID: Ant 1 3.3 meters AFC PR12

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181030-07235 E E201828 Sierra Nevada Communications
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Groveland
LOCATION: 19619 hwy 120, Tuolumne, Groveland, CA
37 ° 50 ' 5.79 " N LAT. 120 ° 13 ' 28.27 " W LONG.

ANTENNA ID: 1 Galaxy15 3.7 meters General Dynamic Prodelin Series 1375

3700.0000 - 4200.0000 MHz	36MODG7W	0.00 dBW	video
ANTENNA ID: 2 Galaxy14	3.7 meters	General Dynamics	Prodelin Series 1375
3700.0000 - 4200.0000 MHz	36MODG7W	0.00 dBW	video
ANTENNA ID: 3 SES3	3.7 meters	General Dynamics	Prodelin Series 1375
3700.0000 - 4200.0000 MHz	36MODG7W	0.00 dBW	Video
ANTENNA ID: 4 Galaxy17	3.7 meters	General Dynamics	Prodelin Series 1375
3700.0000 - 4200.0000 MHz	36MODG7W	0.00 dBW	video

Points of Communication:

Groveland - PERMITTED LIST - ()

SES-REG-20181030-07236	E E201829	Academy of the Immaculate, Inc.	10/30/2018 - 10/30/2033
Registration			Date Effective: 06/30/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WPMW Studio
 LOCATION: 600 Pleasant Street, Bristol, New Bedford, MA
 41 ° 38 ' 5.60 " N LAT. 70 ° 55 ' 35.40 " W LONG.

ANTENNA ID: ANT1	3 meters	Prodelin	AZ/EL
3700.0000 - 4200.0000 MHz	36M0G7W		Broadcast Digital Audio and Video

Points of Communication:

WPMW Studio - PERMITTED LIST - ()

SES-REG-20181030-07244	E E201837	WRGB Licensee, LLC	10/30/2018 - 10/30/2033
Registration			Date Effective: 06/30/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WRGB Site 2
 LOCATION: 1400 Balltown Road, Schenectady, Schenectady, NY
 42 ° 48 ' 46.90 " N LAT. 73 ° 53 ' 29.90 " W LONG.

ANTENNA ID: 1	3.8 meters	Patriot	PRT380
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video and Data

Nature of Service: Fixed Satellite Service

SITE ID: Dish 4

LOCATION: 17102 North Indian Canyon Dr, Riverside, North Palm Springs, CA
33 ° 55 ' 25.90 " N LAT. 116 ° 32 ' 41.70 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 847303-G2
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Dish 4 - PERMITTED LIST - ()

SES-REG-20181030-07255 E E201852 Rock Port Cablevision
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: TKOHE

LOCATION: 21571 US Highway 59, Atchison, Tarkio, MO
40 ° 24 ' 53.42 " N LAT. 95 ° 23 ' 54.90 " W LONG.

ANTENNA ID: D1 4.5 meters Superior Satellite SSE8345
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: D2 3.8 meters Patriot Antenna Systems PRT-380
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: D3 5 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

TKOHE - PERMITTED LIST - ()

SES-REG-20181030-07256 E E201849 Henson Media of Henderson County, LLC
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 230 2nd St 230 2nd St, Henderson, Henderson, KY
37 ° 50 ' 24.50 " N LAT. 87 ° 35 ' 26.50 " W LONG.

Nature of Service: Fixed Satellite Service

SITE ID: DESIGN HOMES CORP OF
LOCATION: 600 N MARQUETTE RD, USA, PRAIRIE DU CHIEN, WI
43 ° 3 ' 31.82 " N LAT. 91 ° 8 ' 24.39 " W LONG.

ANTENNA ID: 5M10302018 5 meters DH SATELLITE 50DH8
3700.0000 - 4200.0000 MHz 36M0G7D VIDEO PROGRAM FOR BROADCAST
AND CABLE

Points of Communication:

DESIGN HOMES CORP OF - PERMITTED LIST - ()

SES-REG-20181030-07267 E E201861 KPVM Television
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Pahrump
LOCATION: 890 S. Higley, Nye, Pahrump, NV
36 ° 12 ' 24.80 " N LAT. 115 ° 57 ' 38.00 " W LONG.

ANTENNA ID: 6 3.05 meters Unknown 3.05mesh
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 1 3.05 meters Unknown 3 m solid
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

ANTENNA ID: 2 3.05 meters Unknown 3 m solid
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 3.05 meters Unknown 3 m solid
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 3.05 meters Unknown 3 m solid
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 5 3.05 meters Unknown 3.05mesh
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 7 3.05 meters Unknown 3.05mesh

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 8	0.05 meters Unknown	3.05mesh
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

Points of Communication:

Pahrump - PERMITTED LIST - ()

SES-REG-20181030-07270 E E201864 Partner Communications Cooperative
 Registration 10/30/2018 - 10/30/2033
 Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: gilman
 LOCATION: 104 N main st, Marshall, Gilman, IA
 41 ° 52 ' 47.00 " N LAT. 92 ° 47 ' 14.00 " W LONG.

ANTENNA ID: antenna 1	4.5 meters	AMERICAN ANTENNAS, INC	TVRO- 4.5
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Analog Video with associated subcarriers

Points of Communication:

gilman - PERMITTED LIST - ()

SES-REG-20181030-07272 E E201866 WYDC, Inc.
 Registration 10/30/2018 - 10/30/2033
 Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Market Street
 LOCATION: 33 East Market Street, Steuben, Corning, NY
 42 ° 8 ' 36.30 " N LAT. 77 ° 3 ' 11.30 " W LONG.

ANTENNA ID: Fox	5 meters	AFC	PR-16
3700.0000 - 4200.0000 MHz	30M0G7W	0.00 dBW	Digital Video

Points of Communication:

Market Street - PERMITTED LIST - ()

SES-REG-20181030-07273 E E201867 ReelzChannel LLC
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Albuquerque Studios
LOCATION: 5650 University BLv. SE, Bernalillo County, Albuquerque, NM
34 ° 59 ' 20.07 " N LAT. 106 ° 36 ' 45.90 " W LONG.

ANTENNA ID: DH 4.5 4.5 meters DH 45M
3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC rates

Points of Communication:

Albuquerque Studios - PERMITTED LIST - ()

SES-REG-20181031-04820 E E191191 Davis Communications Inc
Registration 06/20/2018 - 06/20/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 014486
LOCATION: 8318 S Craig Rd Four Lakes, WA, Spokane, Cheney, WA
47 ° 34 ' 39.33 " N LAT. 117 ° 36 ' 29.12 " W LONG.

ANTENNA ID: 3 3.1 meters COMTECH
3700.0000 - 4200.0000 MHz 36M0G7W Digital video/TV

ANTENNA ID: 1 3.1 meters COMTECH
3700.0000 - 4200.0000 MHz 36M0G7W Digital video/TV

ANTENNA ID: 2 3.7 meters PATRIOT
3700.0000 - 4200.0000 MHz 36M0G7W Digital video/TV

ANTENNA ID: 4 5 meters S/A
3700.0000 - 4200.0000 MHz 36M0G7W Digital video/TV

ANTENNA ID: 5 5 meters S/A
3700.0000 - 4200.0000 MHz 36M0G7W Digital video/TV

ANTENNA ID: 6 3.7 meters PATRIOT

3700.0000 - 4200.0000 MHz	36M0G7W	Digital video/TV
ANTENNA ID: 7	3.1 meters	PATRIOT
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video/TV

Points of Communication:

014486 - PERMITTED LIST - ()

SES-REG-20181031-05247	E E191623	Brazos Communications West, LLC	10/17/2018 - 10/17/2033
Registration			Date Effective: 06/30/2020
Grant of Authority			
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	3303 North Midkiff Road Suite 115, Midland, Midland, TX 32 ° 1 ' 13.30 " N LAT. 102 ° 7 ' 34.80 " W LONG.		
ANTENNA ID: 1	3 meters	SAMI	3.0 meter mesh
3700.0000 - 4200.0000 MHz	36M0G7W		

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181031-06974	E E201592	Knoxville TV, LLC	10/17/2018 - 10/17/2033
Registration			Date Effective: 06/29/2020
Grant of Authority			
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	KAKE-TV		
LOCATION:	1500 N. West Street, Sedgwick, Wichita, KS 37 ° 42 ' 40.00 " N LAT. 97 ° 23 ' 18.00 " W LONG.		
ANTENNA ID: 1	7.3 meters	Andrew	ESA73-46
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DIGITAL VIDEO CARRIER
ANTENNA ID: 2	4.5 meters	Andrew	ESA45-46
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DIGITAL VIDEO CARRIER
ANTENNA ID: 3	3.8 meters	Comtech	3.8m
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DIGITAL VIDEO CARRIER

ANTENNA ID:	4	3.1 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL VIDEO CARRIER
ANTENNA ID:	5	4.2 meters	DH Satellite	42DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL VIDEO CARRIER
ANTENNA ID:	6	3.7 meters	DH Satellite	3.7
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				DIGITAL VIDEO CARRIER

Points of Communication:

KAKE-TV - PERMITTED LIST - ()

SES-REG-20181031-07135	E	E201724	Mark V Aulabaugh (d/b/a KSEY)	
Registration				10/31/2018 - 10/31/2033
Grant of Authority				Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSEY Main Studio
 LOCATION: #1 Radio Lane, Baylor, Seymour, TX
 33 ° 35 ' 48.90 " N LAT. 99 ° 16 ' 47.07 " W LONG.

ANTENNA ID:	G-16	3.7 meters	Prodeline	1375-990
	3700.0000 - 4200.0000 MHz		500MV9W	0.00 dBW
				Digital & Analog Audio & Video
ANTENNA ID:	AMC-18	3.7 meters	SAMI	3.7 Meter
	3700.0000 - 4200.0000 MHz		500MV9W	0.00 dBW
				Digital & Analog Audio & Video

Points of Communication:

KSEY Main Studio - PERMITTED LIST - ()

SES-REG-20181031-07137	E	E201726	Hope Channel, Inc.	
Registration				10/31/2018 - 10/31/2033
Grant of Authority				Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hope Ch Downlink
 LOCATION: 12501 Old Columbia Pike, Montgomery County, Silver Spring, MD
 39 ° 3 ' 37.40 " N LAT. 76 ° 57 ' 57.60 " W LONG.

ANTENNA ID:	HC-1	4.5 meters	DH Satellite	45DH1
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3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video & Audio

Points of Communication:

Hope Ch Downlink - PERMITTED LIST - ()

SES-REG-20181031-07254 E E201847 New Century Broadcasting, LLC

Registration

10/30/2018 - 10/30/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAND-AM Studios

LOCATION: 701 South Main Street Suite 1340, Navarro, Corsicana, TX

32 ° 5 ' 15.72 " N LAT.

96 ° 27 ' 39.90 " W LONG.

ANTENNA ID: AMC-18 3.7 meters Prodeline 1375-990

3700.0000 - 4200.0000 MHz 500MV9W 0.00 dBW Digital & Analog Audio & Video

ANTENNA ID: G-16 3.7 meters Prodelin 1375-990

3700.0000 - 4200.0000 MHz 500MV9W 0.00 dBW Digital & Analog Audio & Video

Points of Communication:

KAND-AM Studios - PERMITTED LIST - ()

SES-REG-20181031-07257 E E201850 krxt inc

Registration

10/30/2018 - 10/30/2033

Grant of Authority

Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KRXT-FM Studios

LOCATION: 1095 West Highway 79, Milam, Rockdale, TX

30 ° 38 ' 32.72 " N LAT.

97 ° 2 ' 14.58 " W LONG.

ANTENNA ID: AMC-18 3.7 meters Prodeline 1375-990

3700.0000 - 4200.0000 MHz 500MV9W 0.00 dBW Digital & Analog Audio & Video

ANTENNA ID: G-16 3.7 meters SAMI 3.7 Meter

3700.0000 - 4200.0000 MHz 500MV9W 0.00 dBW Digital & Analog Audio & Video

Points of Communication:

KRXT-FM Studios - PERMITTED LIST - ()

SES-REG-20181031-07264 E E201858 North Country Broadcasting
Registration 10/30/2018 - 10/30/2033
Grant of Authority Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: site 1
LOCATION: 187 Mantz Rickey Road, Stevens, Colville, WA
48 ° 31 ' 17.00 " N LAT. 117 ° 54 ' 32.00 " W LONG.

ANTENNA ID: Ant 1 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio Signals

Points of Communication:

site 1 - PERMITTED LIST - ()

SES-REG-20181031-07265 E E201859 Southern Gospetality, LLC
Registration 10/31/2018 - 10/31/2033
Grant of Authority Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WXAN Radio
LOCATION: 9077 Ava Road, USA, Ava, IL
37 ° 51 ' 20.48 " N LAT. 89 ° 28 ' 6.83 " W LONG.

ANTENNA ID: ANT1 4.5 meters Patriot 4.5m
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Digital Audio

Points of Communication:

WXAN Radio - PERMITTED LIST - ()

SES-REG-20181031-07286 E E201881 Illinois Bible Institute, Inc.
Registration 10/31/2018 - 10/31/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WBGL FM
LOCATION: 4101 Field stone Rd, Champaign, Champaign, IL
40 ° 6 ' 48.61 " N LAT. 88 ° 18 ' 43.94 " W LONG.

ANTENNA ID: WBGL_CBand 3 meters Prodelin 1304

3831.5000 - 3833.1000 MHz

36M0G7W

DVB-s

Points of Communication:

WBGL FM - PERMITTED LIST - ()

SES-REG-20181031-07293 E E201888 Pacific Public Media

Registration

10/31/2018 - 10/31/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 3.8M

LOCATION: 930 Broadway, Pierce, Tacoma, WA

47 ° 15 ' 15.30 " N LAT.

122 ° 26 ' 26.60 " W LONG.

ANTENNA ID: 3.8M

3.8 meters

Prodelin

1385

3700.0000 - 4200.0000 MHz

36M0G7W

Digital traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz

30K0G7W

Digital traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz

30K0F3W

Digital / analog traffic, various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz

36M0F3W

Digital / analog traffic, various FEC, data rates and modulation

Points of Communication:

3.8M - PERMITTED LIST - ()

SES-REG-20181031-07302 E E201897 Eternal Word Television Network Inc

Registration

10/31/2018 - 10/31/2033

Grant of Authority

Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Vandiver

LOCATION: High Road 5.7 km NE of Vandiver, AL, St. Clair and Shelby, Vandiver, AL

33 ° 30 ' 13.00 " N LAT.

86 ° 28 ' 27.00 " W LONG.

ANTENNA ID: 1

3.6 meters

SAMI

INST C62

3700.0000 - 4200.0000 MHz

36M0G7W

reception of broadcast television and radio services

ANTENNA ID: 2

5.5 meters

Unknown

Unknown

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Vandiver - PERMITTED LIST - ()

SES-REG-20181031-07319 E E201914 Campbellsville University
Registration 10/31/2018 - 10/31/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 203 W. Broadway, Cambellsville, KY
37 ° 20 ' 28.30 " N LAT. 85 ° 20 ' 51.40 " W LONG.

ANTENNA ID: unknown

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181031-07373 E E201967 JKB Associates, Inc.
Registration 10/31/2018 - 10/31/2033
Grant of Authority Date Effective: 06/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1811 Carter Creeks Pike, Williamson, Franklin, TN
35 ° 54 ' 21.00 " N LAT. 86 ° 54 ' 19.00 " W LONG.

ANTENNA ID: ANT 1 3.7 meters AFC TVRO-3.7

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181101-05772 E E200464 CATHY KONOPNICKI (d/b/a WSK FAMILY TRUST)
Registration 10/31/2018 - 10/31/2033
Grant of Authority Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 72730

LOCATION: W Nikolaus, Show Low, AZ

34 ° 14 ' 49.00 " N LAT.

110 ° 2 ' 48.00 " W LONG.

ANTENNA ID: ANT01 3.8 meters Comtech 945-5353-15

3700.0000 - 4200.0000 MHz 36M0G7W Reception of program audio for radio broadcast

Points of Communication:

72730 - PERMITTED LIST - ()

SES-REG-20181101-06963 E E201580 Brown Broadcasting Service, Inc.

Registration

10/31/2018 - 10/31/2033

Grant of Authority

Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WBRU Studio

LOCATION: 88 Benevolent Street, Providence, Providence, RI

41 ° 49 ' 30.50 " N LAT.

71 ° 23 ' 54.00 " W LONG.

ANTENNA ID: WBRU Dish 3.8 meters DH 38DH1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video services

Points of Communication:

WBRU Studio - PERMITTED LIST - ()

SES-REG-20181109-07334 E E201928 Phoenix Radio Broadcasting, LLC

Registration

10/31/2018 - 10/31/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAHM Studio

LOCATION: 500 Henry St., Yavapai, Prescott, AZ

34 ° 33 ' 1.30 " N LAT.

112 ° 27 ' 47.90 " W LONG.

ANTENNA ID: Main Dish 3 meters Scientific Atlanta 8006

3700.0000 - 4200.0000 MHz 30M0G7W Analog video with associated subcarriers.

ANTENNA ID: BDish 3.7 meters Dawnco. D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz

30M0G7W

Analog video with associated subcarriers.

Points of Communication:

KAHM Studio - PERMITTED LIST - ()

SES-REG-20181113-07365 E E201960 Caleb Corporation

Registration

10/31/2018 - 10/31/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KGVE

LOCATION: 1 W 3rd Street, Delaware, Grove, OK

36 ° 35 ' 37.00 " N LAT.

94 ° 46 ' 10.00 " W LONG.

ANTENNA ID: Dish 1 2.4 meters N/A

2.4M

3700.0000 - 4200.0000 MHz

30K0F1D

0.00 dBW

Digital Audio Carrier

Points of Communication:

KGVE - PERMITTED LIST - ()

SES-REG-20181114-07277 E E201871 Royal Gorge Broadcasting LLC

Registration

10/30/2018 - 10/30/2033

Grant of Authority

Date Effective: 06/29/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1615 Central Ave., USA, Canon City, CO

38 ° 27 ' 34.00 " N LAT.

105 ° 13 ' 31.00 " W LONG.

ANTENNA ID: 1 3.7 meters DawnSat

SATPACK-D37

3700.0000 - 4200.0000 MHz

36M0G7E

Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181127-06780 E E201403 West Virginia Radio Corporation of Charleston

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 06/26/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Charleston
LOCATION: 1111 Virginia Street East, Kanawha, Charleston, WV
38 ° 20 ' 45.76 " N LAT. 81 ° 37 ' 57.67 " W LONG.

ANTENNA ID: Chas 2.7 meters Channel Master na
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital

Points of Communication:

Charleston - PERMITTED LIST - ()

SES-REG-20200420-00425 E E201771 Asociacion Evangelistica Cristo Viene
Registration 10/02/2018 - 10/02/2033
Grant of Authority Date Effective: 06/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Guayama
LOCATION: PR 15 KM 9.0, Guayama, PR
18 ° 1 ' 53.00 " N LAT. 66 ° 7 ' 7.50 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin Series 1374
3700.0000 - 4200.0000 MHz 36M0G7W Analog/Digital video with associated audio subcarriers

Points of Communication:

Guayama - PERMITTED LIST - ()

SES-RWL-20191017-01306 E E040431 Rio Virgin Telephone Company
Renewal 11/09/2019 - 11/09/2034
Dismissed at Applicant's Request Date Effective: 06/30/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 52 WEST MESQUITE BLVD., CLARK, MESQUITE, NV
36 ° 48 ' 17.90 " N LAT. 114 ° 4 ' 8.90 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters SCIENTIFIC-ATLANTA, INC. 4.5 METER PRIM FOCUS
3700.0000 - 4200.0000 MHz 36M0F8W NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20200413-00401 E KA258 Intelsat License LLC, as debtor-in-possession
Special Temporary Authority
Grant of Authority Date Effective: 06/29/2020

Class of Station:

On June 29, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 29, 2020, to operate its fixed-satellite earth station located at geographic coordinates 39° 35' 54"N, 77° 45' 33"W in Hagerstown, MD to provide support for additional in-orbit testing (IOT) of the MEV-1 (S2990) satellite at the 27.5° W.L. orbital location. MEV-1 is currently operating as part of a combined vehicle stack with Intelsat 901 (S2405) satellite at the 27.5° W.L. orbital location using the following frequencies: 14250.0 MHz (Earth-to-space) and 11450.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20200417-00421 E E202040 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, to operate its C-band fixed earth station (Call Sign E202040) in Clifton, TX with NGSO satellite system Globalstar Big LEO MSS (S2115) satellite system, and French licensed NGSO HIBLEO-X GLOBALSTAR 2.0 satellite system to conduct antenna verification testing on center frequencies: 5091-5250 MHz (Earth-to-space) and 6875-7055 MHz (space-to-Earth). Operational testing of this station from 04/23/2020 to grant of this authority was authorized pursuant to 47 CFR 1.62.

Points of Communication:

SES-STA-20200508-00507 E E050097 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/29/2020

Class of Station:

On June 29, 2020, GUSA Licensee LLC was granted special temporary authority for 60-days, beginning June 29, 2020, to operate a second-generation feeder link antenna under gateway earth station (Call Sign E050097) in Sebring, FL to carry commercial mobile satellite service traffic and test and validate two new waveforms to communicate with the current licensed points of communication in the current licensed frequency bands.

Points of Communication:

SES-STA-20200508-00508 E E050098 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/29/2020

Class of Station:

On June 29, 2020, GUSA Licensee LLC was granted special temporary authority for 60-days, beginning June 29, 2020, to operate a second-generation feeder link antenna under gateway earth station (Call Sign E050098) in Sebring, FL to carry commercial mobile satellite service traffic and test and validate two new waveforms to communicate with the current licensed points of communication in the current licensed frequency bands.

Points of Communication:

SES–STA–20200508–00509 E E050099 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its fixed earth station (Call Sign E050099) in Sebring, FL to test and validate two waveforms in the 5091-5250 MHz (Earth-to-space) and 6875-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200508–00510 E E050100 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its fixed earth station (Call Sign E050100) in Sebring, FL to test and validate two waveforms in the 5091-5250 MHz (Earth-to-space) and 6875-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200508–00511 E E990336 GCL Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GCL Licensee LLC was grant special temporary authority for 60 days beginning June 30, 2020, to operate its (Call Sign E990336) gateway earth station in Las Palmas, PR to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200508–00512 E E990335 GCL Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GCL Licensee LLC was grant special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E990335) gateway earth station in Las Palmas, PR to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200508–00513 E E050237 GCL Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GCL Licensee LLC was grant special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E050237) gateway earth station in Las Palmas, PR to test and validate two new waveforms to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200508-00514 E E990337 GCL Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 16, 2020, GCL Licensee LLC granted special temporary authority for 60 days to operate a second-generation feeder link antenna under gateway earth station (Call Sign E990337) in Las Palmas, PR. to carry commercial mobile satellite service traffic and also to test and validate two new waveforms.

Points of Communication:

SES-STA-20200514-00549 E E201992 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/29/2020

Class of Station:

On June 29, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, to operate its C-band fixed earth station (Call Sign E201992) in Clifton, TX with NGSO satellite system Globalstar Big LEO MSS (S2115) satellite system, and French licensed NGSO HIBLEO-X GLOBALSTAR 2.0 satellite system to conduct antenna verification testing on center frequencies: 5091-5250 MHz (Earth-to-space) and 6875-7055 MHz (space-to-Earth). Operational testing of this station from 04/23/2020 to grant of this authority was authorized pursuant to 47 CFR 1.62.

Points of Communication:

SES-STA-20200514-00550 E E000343 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E000343) gateway earth station antenna in Clifton, TX to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200514-00551 E E000344 GUSA Licensee LLC
Special Temporary Authority
Grant of Authority Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA Licensee LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E000344) gateway earth station antenna in Clifton, TX to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200514-00552 E E970199 GUSA Licensee LLC

Special Temporary Authority
Grant of Authority

Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA License LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E970199) gateway earth station antenna in Clifton, TX to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200514-00553 E E000342 GUSA Licensee LLC

Special Temporary Authority
Grant of Authority

Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, GUSA License LLC was granted special temporary authority for 60 days, beginning June 30, 2020, to operate its (Call Sign E000342) gateway earth station antenna in Clifton, TX to test and validate two new waveforms for use over the Globalstar MSS satellite network (S2115) in the 5096-5250 MHz (Earth-to-space) and 6900-7055 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200625-00676 E E000220 AMC Networks Broadcasting & Technology

Special Temporary Authority
Grant of Authority

Date Effective: 06/30/2020

Class of Station:

On June 30, 2020, AMC Networks was granted special temporary authority for 60 days beginning June 30, 2020 to operate its earth station (Call Signs E000220, E010028 and E040445) to secure laptop computers operated at any location by AMC staff members: Peter A. Palmisano, Director of RF Engineering, AMC Networks peter.palmisano@amcnetworks.com Cell - 516 592-1990, James N. McGarvey, Supervisor of RF Engineering, AMC Networks james.mcgarvey@amcnetworks.com Cell-516 592-1979, and Richard Ferro, Manager of TOC, AMC Networks Richard.Ferro@AMCNETWORKS.COM Cell-516 592-1828.

Points of Communication:

Dismissal

SES-LIC-20190105-00653 E190482 BETHSAIDA TEMPLE OF GOD,INC

Dismissed pursuant to Section 25.112. Application incomplete and internal inconsistencies,

SES-REG-20181031-07323 E201918 Crystal Broadband Networks

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application is incomplete and does not provide the information necessary to register the application.

SES-REG-20181031-07329 E201925 Crystal Broadband Networks

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application is incomplete and does not provide the information necessary to register the application.

SES-REG-20181031-07338 E201932 Crystal Broadband Networks

Dismissal

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application is incomplete and does not provide the information necessary to register the application.

SES-REG-20181031-07341 E201935 Crystal Broadband Networks

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application is incomplete and does not provide the information necessary to register the application.

SES-REG-20181113-03779 E190088 Champion Teleport,Inc

Application dismissed under 47 Section 25.122 because it does not substantially comply with the Commission's rules. C-band earth station antenna not found at the site locations or geographic coordinates submitted; therefore, these sites may be not registered.

SES-REG-20181130-07359 E201954 Cox Radio, Inc.

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order). Request for waiver is denied. The applicant has not established good cause for grant of waiver.

SES-REG-20181130-07361 E201956 Cox Radio, Inc.

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order). Request for waiver is denied. The applicant has not established good cause for grant of waiver.

SES-REG-20190520-00658 E201976 Newport News Public Schools

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order).

SES-REG-20190523-00655 E190483 Carson Communications

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order).

SES-REG-20190528-00641 E190478 ION Television License, LLC

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order). Request for waiver is denied. The applicant has not established good cause for grant of waiver.

SES-REG-20190528-00645 E190481 ION Television License, LLC

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order). Request for waiver is denied. The applicant has not established good cause for grant of waiver.

SES-REG-20190619-00795 E190525 BETHSAIDA TEMPLE OF GOD,INC

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order).

SES-REG-20190625-01114 E190679 The Moody Bible Institute of Chicago

Application is dismissed pursuant to Section 25.112 of the Commission's Rules. The application was filed outside the limited earth station registration application filing window (April 18, 2018 - November 7, 2018) established by the Commission. See Expanding Flexible Use of the 3.7 to 4.2 GHz Band, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2390 para. 116-17 (2020) (3.7 GHz Report and Order).

SES-STA-20191017-01343 E050295 GCI Communication Corp.

Dismissal

Application dismissed. See SES-LIC-20191016-01308 granted on 4/27/2020.

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