



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02224

Wednesday December 11, 2019

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

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

SES-AMD-20191117-01514 E E6527 RCN Telecom Services (Lehigh) LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20190326-00545 for a description of the application.

SITE ID: 1

LOCATION: 5508 Nor Bath Blvd., Lehigh, Northampton, PA

40 ° 42 ' 0.00 " N LAT.

75 ° 25 ' 58.00 " W LONG.

ANTENNA ID: 1

7 meters

MICRODYNE

SATRO 7M

3700.0000 - 4200.0000 MHz

36M0G7F

Digital Modulation Data Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01379 E E190883 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: ALL US TERRITORIES (DC2 NS-7), CONUS, AK, HI,

ANTENNA ID: NS-7

1.8 meters

AVL Technologies

1810

11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	36M0G7F	71.52 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01380 E E190884 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: ALL US TERRITORIES (NT-7 DC3 - #1), CONUS, AK, HI,

ANTENNA ID: #1	2.4 meters	AVL Technologies	2410
11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01382 E E190885 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: ALL US TERRITORIES (DC1 NS-5), CONUS, AK, HI,

ANTENNA ID: NS-5	1.8 meters	AVL Technologies	1810
11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	36M0G7F	71.52 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01383 E E190886 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: ALL US TERRITORIES (NY2 NS-6), CONUS, AK, HI,

ANTENNA ID:	NS-6	1.8 meters	AVL Technologies	1810
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	71.52 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191024-01388 E E190891 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: ALL US TERRITORIES (NT-7 NY1 - #6), CONUS, AK, HI,

ANTENNA ID:	#6	2.4 meters	AVL Technologies	2410
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191024-01389 E E190892 WML Services, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (NT-7 MIA - #9), CONUS, AK, HI,

ANTENNA ID:	#9	2.4 meters	AVL Technologies	2410
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190626-00845 E E980285 DIRECTV Enterprises, LLC
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service

DIRECTV Enterprises, LLC requests modification of its fixed earth station in Los Angeles, CA to replace all current licensed points of communication with the All DirecTV DBS Satellite Clusters at the 101° W.L, 110° W.L. and 119° W.L. orbital locations with the current licensed frequency bands.

SITE ID: LABC
LOCATION: 12800 CULVER BLVD., LOS ANGELES, LOS ANGELES, CA
33 ° 58 ' 56.50 " N LAT. 118 ° 25 ' 31.20 " W LONG.

ANTENNA ID:	LD10	9.3 meters	VERTEX/RSI	930KS
	17300.0000 - 17800.0000 MHz	24M0G7W	78.00 dBW	QPSK DIGITAL VIDEO/AUDIO SERVICES
	17300.0000 - 17800.0000 MHz	800KF2D	87.40 dBW	FM, PDM/PSK COMMAND DATA
	12200.0000 - 12700.0000 MHz	800KF2D		BPSK, PCM/PSK TELEMETRY AND RANGING DATA
	12200.0000 - 12700.0000 MHz	24M0G7W		QPSK DIGITAL VIDEO/AUDIO SERVICES

Points of Communication:

LABC - DIRECTV - (Various)

SES-MOD-20190828-01106 E E170205 Alaska Communications Internet, LLC
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application for Alaska Communications Internet LLC is returned to the Accepted for Filing to reflect all currently authorized data and all new data submitted in this application. Alaska Communications Internet LLC requests modification of its C-band network authorization and waiver of the filing freeze on new earth station applications in the C-band to add (15) additional earth station sites to support delivery of critically needed voice and broadband services to customers in remote and inaccessible areas of Alaska that are unserved or underserved by terrestrial telecommunications transport networks. This network will continue to communicate with the Eutelsat 115WB (S2938) satellite in the 6169-6241 MHz and 5929-6001 MHz (Earth-to-space), and 3944-4016 MHz and 3704-3776 MHz (space-to-Earth) frequency bands.

SITE ID: HUB

LOCATION: 8500 Dimond D Circle, Anchorage, Anchorage, AK

61 ° 8 ' 28.40 " N LAT.

149 ° 52 ' 30.70 " W LONG.

ANTENNA ID:	HUB	3.8 meters	General Dynamics	1383	
5929.0000 - 6001.0000 MHz			7M00G7W	58.40 dBW	DVB-S2, 16APSK
5929.0000 - 6001.0000 MHz			9M50G7W	58.40 dBW	DVB-S2, 16APSK
5929.0000 - 5944.8500 MHz			3M00G7W	58.40 dBW	32APSK
3944.0000 - 4016.0000 MHz			72M0G7W		Digital
3704.0000 - 3776.0000 MHz			4M70G7W		32APSK
3704.0000 - 3776.0000 MHz			3M20G7W		QPSK
6169.0000 - 6241.0000 MHz			9M50G7W	58.40 dBW	Digital
6169.0000 - 6241.0000 MHz			7M00G7W	58.40 dBW	Digital
6169.0000 - 6241.0000 MHz			72M0G7W	58.40 dBW	Digital
6169.0000 - 6241.0000 MHz			3M00G7W	58.40 dBW	Digital
3944.0000 - 4016.0000 MHz			5M60G7W		Digital
3944.0000 - 4016.0000 MHz			2M80G7W		Digital
3944.0000 - 4016.0000 MHz			1M20G7W		Digital

SITE ID: ST. PAUL

LOCATION: 100 Harbor View Drive, St. Paul, St. Paul, AK

57 ° 7 ' 23.00 " N LAT.

170 ° 16 ' 45.00 " W LONG.

ANTENNA ID:	1ST.PAUL	3.8 meters	General Dynamics	1383	
5929.0000 - 6001.0000 MHz			3M20G7W	47.90 dBW	DVB-S2, QPSK
3704.0000 - 3776.0000 MHz			9M50G7W		16APSK
3944.0000 - 4016.0000 MHz			9M50G7W		16APSK

3944.0000 - 4016.0000 MHz	7M00G7W	Digital
3944.0000 - 4016.0000 MHz	72M0G7W	Digital
3944.0000 - 4016.0000 MHz	3M00G7W	Digital

SITE ID: TEST SITE
LOCATION: 600 Telephone Ave., Anchorage, Anchorage, AK
61 ° 11 ' 10.50 " N LAT. 149 ° 52 ' 15.60 " W LONG.

ANTENNA ID: 2TESTSITE 2.4 meters Prodelin 1244

5929.0000 - 5944.8500 MHz	4M70G7W	51.20 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M00G7W		32APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: EX INLET
LOCATION: EXCURSION INLET, HAINES BOROUGH, EXCURSION INLET, AK
58 ° 24 ' 55.30 " N LAT. 135 ° 26 ' 36.40 " W LONG.

ANTENNA ID: 3EXINLET 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz	5M60G7W	51.30 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M80G7W		16APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: ALITAK
LOCATION: ALITAK, KODIAK ISLAND, ALITAK, AK
56 ° 53 ' 52.20 " N LAT. 154 ° 14 ' 43.00 " W LONG.

ANTENNA ID: 4ALITAK 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz	5M60G7W	52.00 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M80G7W		16APSK

3944.0000 - 4016.0000 MHz	9M50G7W	Digital
3944.0000 - 4016.0000 MHz	7M00G7W	Digital
3944.0000 - 4016.0000 MHz	72M0G7W	Digital
3944.0000 - 4016.0000 MHz	3M00G7W	Digital

SITE ID: NAKNEK
LOCATION: NAKNEK, BRISTOL BAY, NAKNEK, AK
58 ° 43 ' 43.70 " N LAT. 157 ° 0 ' 0.90 " W LONG.

ANTENNA ID: 5NAKNEK1	2.4 meters	PRODELIN	1244
5929.0000 - 6001.0000 MHz	5M60G7W	52.10 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M80G7W		16APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: ANIAK DO
LOCATION: Aniak District Office, Bethel Census Area, Aniak, AK
61 ° 34 ' 55.60 " N LAT. 159 ° 32 ' 18.30 " W LONG.

ANTENNA ID: 6ANIAKDO	2.4 meters	PRODELIN	1244
5960.2000 - 6001.0000 MHz	5M60G7W	51.90 dBW	Digital
5960.2000 - 6001.0000 MHz	2M80G7W	52.50 dBW	Digital
5960.2000 - 6001.0000 MHz	1M20G7W	52.50 dBW	Digital
3944.0000 - 4016.0000 MHz	9M50G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	7M00G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	72M0G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	3M00G7W	0.00 dBW	Digital

SITE ID: JSHS
LOCATION: Junior Senior High School, Bethel Census Area, Aniak, AK
61 ° 34 ' 48.30 " N LAT. 159 ° 33 ' 6.70 " W LONG.

ANTENNA ID: 7JSHS	2.4 meters	PRODELIN	1244
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5960.2000 - 6001.0000 MHz	5M60G7W	52.50 dBW	Digital
5960.2000 - 6001.0000 MHz	2M80G7W	52.50 dBW	Digital
5960.2000 - 6001.0000 MHz	1M20G7W	52.50 dBW	Digital
3944.0000 - 4016.0000 MHz	9M50G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	7M00G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	72M0G7W	0.00 dBW	Digital
3944.0000 - 4016.0000 MHz	3M00G7W	0.00 dBW	Digital

SITE ID: AMNES

LOCATION: Auntie Mary Nicoli Elementary School, Bethel Census Area, Aniak, AK
61 ° 34 ' 49.00 " N LAT. 159 ° 31 ' 51.70 " W LONG.

ANTENNA ID:	8AMNES	2.4 meters	PRODELIN	1244
5960.2000 - 6001.0000 MHz	5M60G7W	52.50 dBW	Digital	
5960.2000 - 6001.0000 MHz	2M80G7W	52.50 dBW	Digital	
5929.0000 - 6001.0000 MHz	1M20G7W	52.50 dBW	Digital	
3944.0000 - 4016.0000 MHz	9M50G7W	0.00 dBW	Digital	
3944.0000 - 4016.0000 MHz	7M00G7W	0.00 dBW	Digital	
3944.0000 - 4016.0000 MHz	72M0G7W	0.00 dBW	Digital	
3944.0000 - 4016.0000 MHz	3M00G7W	0.00 dBW	Digital	

SITE ID: CVSS

LOCATION: Crown Village Sam School, Bethel Census Area, Chuathbaluk, AK
61 ° 34 ' 23.70 " N LAT. 159 ° 14 ' 57.80 " W LONG.

ANTENNA ID:	9CVSS	2.4 meters	PRODELIN	1244
5960.2000 - 6001.0000 MHz	5M60G7W	52.50 dBW	Digital	
5960.2000 - 6001.0000 MHz	2M80G7W	52.50 dBW	Digital	
3944.0000 - 4016.0000 MHz	9M50G7W	Digital		
3944.0000 - 4016.0000 MHz	7M00G7W	Digital		
3944.0000 - 4016.0000 MHz	72M0G7W	Digital		
3944.0000 - 4016.0000 MHz	3M00G7W	Digital		

5960.2000 - 6001.0000 MHz	1M20G7W	52.50 dBW	Digital
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SITE ID: JESS
LOCATION: Jack Egnaty Senior School, Bethel Census Area, Sleetmute, AK
61 ° 42 ' 9.70 " N LAT. 157 ° 10 ' 14.90 " W LONG.

ANTENNA ID: 10JESS	2.4 meters	PRODELIN	1244
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5929.0000 - 6001.0000 MHz	5M60G7W	52.50 dBW	Digital
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5929.0000 - 6001.0000 MHz	9M50G7W	52.50 dBW	Digital
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5929.0000 - 6001.0000 MHz	3M00G7W	52.50 dBW	Digital
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3944.0000 - 4016.0000 MHz	9M50G7W	Digital
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3944.0000 - 4016.0000 MHz	7M00G7W	Digital
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3944.0000 - 4016.0000 MHz	72M0G7W	Digital
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3944.0000 - 4016.0000 MHz	3M00G7W	Digital
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SITE ID: NOORVIK OFFICE
LOCATION: FIREWEED DRIVE, NOORVIK, AK
66 ° 49 ' 59.30 " N LAT. 161 ° 2 ' 44.80 " W LONG.

ANTENNA ID: 11NOORVIK	2.4 meters	GENERAL DYNAMICS	1241
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5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
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3700.0000 - 4200.0000 MHz	72M0G7W	Digital
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SITE ID: DEERING OFFICE
LOCATION: MAIN STREET, DEERING, AK
66 ° 4 ' 32.70 " N LAT. 162 ° 43 ' 22.00 " W LONG.

ANTENNA ID: 12DEERING	2.4 meters	GENERAL DYNAMICS	1241
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5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
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3700.0000 - 4200.0000 MHz	72M0G7W	Digital
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SITE ID: NOATAK OFFICE
LOCATION: GOVERNMENT AIRPORT ROAD, NOATAK, AK
67 ° 34 ' 17.00 " N LAT. 162 ° 58 ' 14.50 " W LONG.

ANTENNA ID: 13NOATAK	2.4 meters	GENERAL DYNAMICS	1241
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5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
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3700.0000 - 4200.0000 MHz	72M0G7W	Digital
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SITE ID: KOTZEBUE HQ
LOCATION: TED STEVENS WAY, KOTZEBUE, AK
66 ° 51 ' 29.60 " N LAT. 162 ° 36 ' 50.40 " W LONG.

ANTENNA ID: 14KOTZE 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 54.70 dBW Digital
5925.0000 - 6108.1000 MHz 5M60G7W 54.70 dBW Digital
6301.1900 - 6360.1400 MHz 5M60G7W 54.70 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: AMBLER OFFICE
LOCATION: ENDICOTT STREET, AMBLER, AK
67 ° 5 ' 11.50 " N LAT. 157 ° 51 ' 40.70 " W LONG.

ANTENNA ID: 15AMBLER 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 54.70 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: KIANA OFFICE
LOCATION: REED STREET, KIANA, AK
66 ° 58 ' 24.30 " N LAT. 160 ° 25 ' 49.30 " W LONG.

ANTENNA ID: 16KIANA 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 54.70 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: BUCKLAND OFFICE
LOCATION: ANN AVENUE, BUCKLAND, AK
65 ° 58 ' 42.00 " N LAT. 161 ° 7 ' 29.50 " W LONG.

ANTENNA ID: 17BUCK 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 54.70 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: SELAWIK OFFICE
LOCATION: WINTER TRAIL, SELAWICK, AK
66 ° 36 ' 24.40 " N LAT. 160 ° 0 ' 52.70 " W LONG.

ANTENNA ID: 18SELAWIK 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 54.70 dBW Digital

3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: KIVALINA OFFICE			
LOCATION: BERING STREET, KIVALINA, AK			
67 ° 43 ' 34.90 " N LAT.		164 ° 32 ' 15.80 " W LONG.	
ANTENNA ID: 19KIVALINA	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: CHUGACHMUIT CHENEGA			
LOCATION: 625 MAIN STREET, CHENEGA, AK			
60 ° 3 ' 56.27 " N LAT.		148 ° 1 ' 1.61 " W LONG.	
ANTENNA ID: 20CHUGA	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	58.02 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: SILVERBAY FALSE PASS			
LOCATION: Aleutians East Borough, FALSE PASS, AK			
54 ° 51 ' 54.00 " N LAT.		163 ° 24 ' 42.20 " W LONG.	
ANTENNA ID: 21SILVERB	3.8 meters	PRODELIN	2385
5925.0000 - 6425.0000 MHz	2M80G7W	49.42 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: TRIDENT NAKNEK			
LOCATION: ALASKA PENNINSULA HIGHWAY, BRISTOL BAY, AK			
58 ° 43 ' 41.40 " N LAT.		157 ° 0 ' 26.20 " W LONG.	
ANTENNA ID: 22TRIDENT	2.4 meters	GENERAL DYNAMICS	1251
5925.0000 - 6108.1000 MHz	5M60G7W	55.00 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: TRIDENT AKUTAN			
LOCATION: 73 TRIDENT WAY, Aleutians East Borough, AKUTAN, AK			
54 ° 7 ' 59.30 " N LAT.		165 ° 47 ' 22.10 " W LONG.	
ANTENNA ID: 23TRIDAK	2.4 meters	GENERAL DYNAMICS	1251
5925.0000 - 6425.0000 MHz	5M60G7W	58.00 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital

SITE ID: TRIDENT SAND POINT
 LOCATION: 229 MAIN STREET, Aleutians East Borough, SAND POINT, AK
 55 ° 20 ' 10.90 " N LAT. 160 ° 30 ' 8.30 " W LONG.

ANTENNA ID:	24TRIDSAN	2.4 meters	GENERAL DYNAMICS	1251
	5925.0000 - 6425.0000 MHz		5M60G7W 58.00 dBW	Digital
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital

SITE ID: PEBBLE MINE
 LOCATION: PORTAGE ROAD, Lake Peninsula Boroug, ILIAMNA, AK
 59 ° 45 ' 26.00 " N LAT. 154 ° 54 ' 22.80 " W LONG.

ANTENNA ID:	25PEBBLE	2.4 meters	GENERAL DYNAMICS	1241
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital
	5925.0000 - 6425.0000 MHz		5M60G7W 55.00 dBW	Digital

SITE ID: GMSHS
 LOCATION: Gusty Michael School, Bethel Census Area, Stoney River, AK
 61 ° 47 ' 13.60 " N LAT. 156 ° 35 ' 17.70 " W LONG.

ANTENNA ID:	26GMSHS	2.4 meters	PRODELIN	1244
	5929.0000 - 6001.0000 MHz		5M60G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		1M20G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W	Digital

SITE ID: JJSS
 LOCATION: Johnnie John Sr School, Bethel Census Area, Crooked Creek, AK
 61 ° 51 ' 48.60 " N LAT. 158 ° 8 ' 18.20 " W LONG.

ANTENNA ID:	27JJSS	2.4 meters	PRODELIN	1244
	5929.0000 - 6001.0000 MHz		5M60G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W	Digital

3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital
5929.0000 - 6001.0000 MHz	1M20G7W	52.50 dBW	Digital

SITE ID: GMHS
 LOCATION: George Morgan Senior High School, Bethel Census Area, Kalskag, AK
 61 ° 31 ' 57.90 " N LAT. 160 ° 20 ' 50.00 " W LONG.

ANTENNA ID: 28GMHS	2.4 meters	PRODELIN	1244
6189.5650 - 6237.5650 MHz	5M60G7W	52.50 dBW	Digital
6189.5650 - 6237.5650 MHz	2M80G7W	52.50 dBW	Digital
6189.5650 - 6237.5650 MHz	1M20G7W	52.50 dBW	Digital
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: JOGES
 LOCATION: Joseph & OlingaGregory Elementary School, Bethel Census Area, Kalskag, AK
 61 ° 32 ' 41.90 " N LAT. 160 ° 19 ' 3.70 " W LONG.

ANTENNA ID: 29JOGES	2.4 meters	PRODELIN	1244
6189.5650 - 6237.5650 MHz	5M60G7W	52.50 dBW	Digital
6189.5650 - 6237.5650 MHz	2M80G7W	52.50 dBW	Digital
6189.5650 - 6237.5650 MHz	1M20G7W	52.50 dBW	Digital
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: ZLES
 LOCATION: Zackar Levi Elementary School, Bethel Census Area, Kalskag, AK
 61 ° 30 ' 43.60 " N LAT. 160 ° 21 ' 41.50 " W LONG.

ANTENNA ID:	30ZLES	2.4 meters	PRODELIN	1244	
	6189.5650 - 6237.5650 MHz		5M60G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		2M80G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		1M20G7W	52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W		Digital
	3944.0000 - 4016.0000 MHz		7M00G7W		Digital
	3944.0000 - 4016.0000 MHz		72M0G7W		Digital
	3944.0000 - 4016.0000 MHz		3M00G7W		Digital

Points of Communication:

- ALITAK - EUTELSAT115WB(S2938) - (114.9 W.L.)
- AMBLER OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- AMNES - EUTELSAT115WB(S2938) - (114.9 W.L.)
- ANIAK DO - EUTELSAT115WB(S2938) - (114.9 W.L.)
- BUCKLAND OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- CHUGACHMUIT CHENEGA - EUTELSAT115WB(S2938) - (114.9 W.L.)
- CVSS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- DEERING OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- EX INLET - EUTELSAT115WB(S2938) - (114.9 W.L.)
- GMHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- GMSHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- HUB - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JESS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JJSS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JOGES - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JSHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KIANA OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KIVALINA OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KOTZEBUE HQ - EUTELSAT115WB(S2938) - (114.9 W.L.)

NAKNEK - EUTELSAT115WB(S2938) - (114.9 W.L.)

NOATAK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)

NOORVIK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)

PEBBLE MINE - EUTELSAT115WB(S2938) - (114.9 W.L.)

SELAWIK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)

SILVERBAY FALSE PASS - EUTELSAT115WB(S2938) - (114.9 W.L.)

ST. PAUL - EUTELSAT115WB(S2938) - (114.9 W.L.)

TEST SITE - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT AKUTAN - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT NAKNEK - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT SAND POINT - EUTELSAT115WB(S2938) - (114.9 W.L.)

ZLES - EUTELSAT115WB(S2938) - (114.9 W.L.)

SES-REG-20180827-04033 E E190339 Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1546 Paseo Del Pueblo Sur, Taos, Taos, NM

36 ° 22 ' 3.50 " N LAT.

105 ° 35 ' 59.70 " W LONG.

ANTENNA ID:	1	3.6 meters	DH	3.6 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	3.8 meters	Comtech	945-5913
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	5 meters	Comtech	943-1169
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3 meters	Patriot	3 Meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180827-04034 E E190340 Entravision Holdings, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2727 Broadbent Parkway NE Suite F, Bernalillo, Albuquerque, NM
35 ° 6 ' 44.00 " N LAT. 106 ° 37 ' 51.10 " W LONG.

ANTENNA ID:	1	4.6 meters	Scientific Atlanta	8005
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Data/Digital Audio/Digital Video
ANTENNA ID:	2	2.8 meters	Scientific Atlanta	9000
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Data/Digital Audio/Digital Video
ANTENNA ID:	3	6.5 meters	Scientific Atlanta	Q23
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data/Digital Audio/Digital Video
ANTENNA ID:	4	4.5 meters	Patriot	4.5 m
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data/Digital Audio/Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180827-04037 E E190343 Entravision Holdings, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 67 Garden Ct., Monterey, Monterey, CA
36 ° 35 ' 8.60 " N LAT. 121 ° 51 ' 14.90 " W LONG.

ANTENNA ID:	1	3 meters	Shenzhen Bright Moon	HY300AM-P
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Data/Digital Audio/Digital Video
ANTENNA ID:	2	3 meters	DH Satellite	DH30
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Data/Digital Audio/Digital Video
ANTENNA ID:	3	3.8 meters	Comtech	1374-995
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital Data/Digital Audio/Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180914-04346 E E190670 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: W5586 Co. Rd. A, Walworth, Elkhorn, WI

42 ° 43 ' 59.10 " N LAT.

88 ° 34 ' 32.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180921-04516 E E190867 Troy Broadcasting Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTBF Studio Downlink

LOCATION: 67 West Court Square, Pike, Troy, AL

31 ° 48 ' 27.39 " N LAT.

85 ° 58 ' 22.97 " W LONG.

ANTENNA ID: WTBF 3.8 meters Comtech 829059-G1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video Signals

Points of Communication:

WTBF Studio Downlink - PERMITTED LIST - ()

SES-REG-20180923-04533 E E190900 Cartier Communications Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 86 Porter Road, Franklin, Malone, NY

44 ° 50 ' 48.70 " N LAT.

74 ° 16 ' 3.20 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48-4PC-6.6

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180923-04534 E E190901 Waters Communications Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7064 US Highway 1, St. Lawrence, Potsdam, NY

44 ° 38 ' 39.70 " N LAT.

75 ° 3 ' 25.90 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video services.

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180924-04537 E E190904 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 424 E. Howard Ave., COOK, Des Plaines, IL

42 ° 1 ' 0.91 " N LAT.

87 ° 54 ' 47.23 " W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 8010D

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180924-04538 E E190905 S.J. Broadcasting, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2702 S. Boulder Dr., Champaign, Urbana, IL

40 ° 4 ' 58.93 " N LAT.

88 ° 11 ' 14.88 " W LONG.

ANTENNA ID: 1 3.7 meters Dawnco D37P

3700.0000 - 4200.0000 MHz 36M0G7W Digital audio and video signals

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180925-04555 E E190922 Ventana Television, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Shreveport

LOCATION: 1916 Park Ave, Caddo, Shreveport, LA

23 ° 29 ' 34.95 " N LAT.

93 ° 45 ' 56.73 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 3.7M RX/O

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Shreveport - PERMITTED LIST - ()

SES-REG-20180925-04566 E E190933 Idaho Broadcast Partners LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 902 East Sherman Street, Bannock, Pocatello, ID

42 ° 52 ' 29.00 " N LAT.

112 ° 26 ' 50.00 " W LONG.

ANTENNA ID: Andrew 4.5 4.5 meters Andrew 4.5 Meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW TV Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180926-04575 E E190942 Cumberland Cellular, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site A

LOCATION: Jamestown, Russell, Russell Springs, KY

37 ° 3 ' 20.87 " N LAT.

85 ° 5 ' 18.85 " W LONG.

ANTENNA ID: R Springs 12 meters ATCi Simulsat 5B

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

Site A - PERMITTED LIST - ()

SES-REG-20180927-04590 E E190957 Osbrey Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Roof Mount

LOCATION: 51 Pomfret Street, Windham, Putnam, CT

41 ° 54 ' 54.70 " N LAT.

71 ° 54 ' 43.00 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 93400015-G2

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data

Points of Communication:

Roof Mount - PERMITTED LIST - ()

SES-REG-20180927-04591 E E190958 Milwaukee Media LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WIWN//WMKE

LOCATION: 4350 North Humboldt Blvd, Milwaukee, Milwaukee, WI

43 ° 5 ' 45.60 " N LAT.

87 ° 54 ' 17.20 " W LONG.

ANTENNA ID: 3.7m 3.7 meters DH Satellite D37F48

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

WIWN//WMKE - PERMITTED LIST - ()

SES-REG-20180927-04593 E E190960 Eagle Broadband Investments, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Name and Contact change Per Letter dated November 5, 2019. See Other Filing Tab for letter request.

SITE ID: 1

LOCATION: 915 W 8th St. (EC - Schuyler, NE), Colfax, Schuyler, NE

41 ° 26 ' 37.40 " N LAT.

97 ° 4 ' 16.41 " W LONG.

ANTENNA ID: ESCH-SA1 4.6 meters Scientific Atlanta 8346

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: ESCH-SA2 5 meters Scientific Atlanta 8023

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: ESCH-PROD 3.8 meters Prodelin N/A

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180927-04743 E E191113 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: FARRAGUT, HARDIN VAL

LOCATION: 11837 Grigsby Chapel Road, KNOXVILLE, TN
 35 ° 53 ' 15.00 " N LAT. 84 ° 11 ' 18.69 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KNOXVILLE CUMBERLAND

LOCATION: 190 Katherine Lane, CLINTON, TN
 36 ° 9 ' 6.68 " N LAT. 84 ° 6 ' 2.54 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KNOXVILLE 1, YSA, WE

LOCATION: 400 Kendall Road, KNOXVILLE, TN
 35 ° 55 ' 14.50 " N LAT. 84 ° 2 ' 26.78 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GROVE PARK, PLEASANT

LOCATION: 6024 Grove Drive, KNOXVILLE, TN
 36 ° 2 ' 38.09 " N LAT. 83 ° 56 ' 18.77 " W LONG.

ANTENNA ID: 4 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MELTON LAKE, POPLAR
LOCATION: 140 South Jefferson Circle, OAK RIDGE, TN
36 ° 0 ' 18.95 " N LAT. 84 ° 17 ' 8.01 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1334

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MARYVILLE
LOCATION: 706 Amerine Road, MARYVILLE, TN
35 ° 45 ' 53.95 " N LAT. 83 ° 55 ' 36.77 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: LAKEWAY
LOCATION: 6301 Hiawatha Road, MORRISTOWN, TN
36 ° 11 ' 32.55 " N LAT. 83 ° 24 ' 49.30 " W LONG.

ANTENNA ID: 7 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ROGERSVILLE
LOCATION: 146 TN-70, ROGERSVILLE, TN
36 ° 25 ' 40.54 " N LAT. 82 ° 59 ' 2.22 " W LONG.

ANTENNA ID: 8 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GREENEVILLE
LOCATION: 1109 Sun Valley Drive, GREENEVILLE, TN
36 ° 9 ' 46.21 " N LAT. 82 ° 48 ' 1.28 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KINGSPORT, ROTHERWOOD
LOCATION: 100 Canongate Road, KINGSPORT, TN
36 ° 32 ' 56.96 " N LAT. 82 ° 37 ' 6.96 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: JOHNSON CITY, WATAUG
LOCATION: 211 Mayflower Road, JOHNSON CITY, TN
36 ° 17 ' 30.82 " N LAT. 82 ° 19 ' 19.72 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SEVIERVILLE
LOCATION: 401 Hardin Lane, SEVIERVILLE, TN
35 ° 51 ' 54.73 " N LAT. 83 ° 34 ' 40.58 " W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MESA, REDD, RESLER &
LOCATION: 670 East Redd Road, EL PASO, TX
31 ° 51 ' 28.75 " N LAT. 106 ° 33 ' 34.32 " W LONG.

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

SITE ID: HONDO PASS, TRANSMOU
LOCATION: 5510 Hondo Pass Drive, EL PASO, TX
31 ° 52 ' 11.20 " N LAT. 106 ° 24 ' 40.68 " W LONG.

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

SITE ID: EL PASO 4, 11, 12 (S
LOCATION: 1212 Sumac Drive, EL PASO, TX
31 ° 45 ' 38.37 " N LAT. 106 ° 20 ' 49.80 " W LONG.

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

SITE ID: EL PASO 8, MONTANA V
LOCATION: 2322 North Lee Trevino Drive, EL PASO, TX
31 ° 46 ' 33.57 " N LAT. 106 ° 19 ' 18.24 " W LONG.

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

SITE ID: MISSION TRAIL, SOCOR
LOCATION: 11300 North Loop Drive, EL PASO, TX
31 ° 38 ' 25.60 " N LAT. 106 ° 15 ' 23.42 " W LONG.

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

SITE ID: EL PASO 5, RIO GRAND
LOCATION: 400 Rosemont Drive, EL PASO, TX
31 ° 50 ' 13.10 " N LAT. 106 ° 35 ' 12.48 " W LONG.

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

SITE ID: ALPINE
LOCATION: 43108A Fm 1703, ALPINE, TX
30 ° 22 ' 12.34 " N LAT. 103 ° 43 ' 12.71 " W LONG.

ANTENNA ID: 19 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PECOS
LOCATION: 1901 Texas Street, PECOS, TX
31 ° 24 ' 30.99 " N LAT. 103 ° 30 ' 41.43 " W LONG.

ANTENNA ID: 20 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FORT STOCKTON &
LOCATION: 1802 North Marshall Street, FT STOCKTON, TX
30 ° 54 ' 5.31 " N LAT. 102 ° 54 ' 5.23 " W LONG.

ANTENNA ID: 21 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MONAHANS
LOCATION: 601 E I-20, MONAHANS, TX
31 ° 34 ' 43.02 " N LAT. 102 ° 52 ' 51.16 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SEMINOLE
LOCATION: 100 Northwest Avenue I, SEMINOLE, TX
32 ° 43 ' 46.09 " N LAT. 102 ° 38 ' 44.91 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FABENS (SP)
LOCATION: 599 Grace Street, FABENS, TX
31 ° 29 ' 55.17 " N LAT. 106 ° 8 ' 47.19 " W LONG.

ANTENNA ID:	24	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	DALHART			
LOCATION:	1300 East 16th Street, DALHART, TX			
	36 ° 3 ' 2.24 " N LAT.			102 ° 30 ' 24.89 " W LONG.
ANTENNA ID:	25	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	HEREFORD			
LOCATION:	500 Country Club Drive, HEREFORD, TX			
	34 ° 48 ' 25.47 " N LAT.			102 ° 23 ' 57.06 " W LONG.
ANTENNA ID:	26	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	ODESSA 1, 2, 3 (SP),			
LOCATION:	5401 Jbs Parkway, ODESSA, TX			
	31 ° 54 ' 24.10 " N LAT.			102 ° 20 ' 19.91 " W LONG.
ANTENNA ID:	27	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	BROWNFIELD			
LOCATION:	202 South Gillham Drive, BROWNFIELD, TX			
	33 ° 10 ' 38.16 " N LAT.			102 ° 14 ' 45.91 " W LONG.
ANTENNA ID:	28	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	MIDLAND 1, 3, 5, 6 &			
LOCATION:	4805 Gateway Street, MIDLAND, TX			
	32 ° 2 ' 8.54 " N LAT.			102 ° 8 ' 15.44 " W LONG.
ANTENNA ID:	29	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	ANDREWS			
LOCATION:	250 Northeast 1500, ANDREWS, TX			
	32 ° 20 ' 35.92 " N LAT.			102 ° 32 ' 55.73 " W LONG.
ANTENNA ID:	30	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: DUMAS
LOCATION: 1007 Northeast 4th Street, DUMAS, TX
35 ° 52 ' 23.54 " N LAT. 101 ° 57 ' 34.63 " W LONG.

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

SITE ID: CANYON WEST, FRENDSHIP
LOCATION: 7014 Frankford Avenue, LUBBOCK, TX
33 ° 31 ' 45.52 " N LAT. 101 ° 56 ' 24.68 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BISHOP HILLS, TASCOS
LOCATION: 2101 North Coulter Street, AMARILLO, TX
35 ° 13 ' 55.93 " N LAT. 101 ° 55 ' 2.72 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TRADEWIND, WINDSOR
LOCATION: 5401 Bell Street, AMARILLO, TX
35 ° 9 ' 0.81 " N LAT. 101 ° 54 ' 6.18 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CAPROCK, HERITAGE, Q
LOCATION: 3211 58th Street, LUBBOCK, TX
33 ° 32 ' 28.71 " N LAT. 101 ° 53 ' 5.93 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MIDLAND 2, 4 (SP), Y
LOCATION: 2101 Tarleton Street, MIDLAND, TX
32 ° 0 ' 34.23 " N LAT. 102 ° 7 ' 34.46 " W LONG.

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

SITE ID: BIG SPRING
LOCATION: 1803 Wasson Road, BIG SPRING, TX
32 ° 13 ' 1.04 " N LAT. 101 ° 29 ' 13.37 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BIG LAKE
 LOCATION: 900 N Main Ave, BIG LAKE, TX
 31 ° 11 ' 55.16 " N LAT. 101 ° 27 ' 40.95 " W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BORGER
 LOCATION: 1314 Roosevelt Street, BORGER, TX
 35 ° 39 ' 26.23 " N LAT. 101 ° 24 ' 18.88 " W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PAMPA
 LOCATION: 411 East 29th Avenue, PAMPA, TX
 35 ° 34 ' 14.00 " N LAT. 100 ° 57 ' 39.73 " W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: DEL RIO 1, 3 (SP) &
 LOCATION: 1315 Kings Way, DEL RIO, TX
 29 ° 23 ' 48.46 " N LAT. 100 ° 55 ' 14.51 " W LONG.

ANTENNA ID: 41 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: PLAINVIEW
 LOCATION: 4211 West 2nd Street, PLAINVIEW, TX
 34 ° 10 ' 41.85 " N LAT. 101 ° 45 ' 10.16 " W LONG.

ANTENNA ID: 42 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: SAN ANGELO 1, 3 (SP)
 LOCATION: 4475 Southwest Boulevard, SAN ANGELO, TX
 31 ° 25 ' 14.39 " N LAT. 100 ° 29 ' 46.94 " W LONG.

ANTENNA ID: 43 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: EAGLE PASS 1, 2 (SP)
LOCATION: 2355 Maria Del Refugio Drive, EAGLE PASS, TX
28 ° 43 ' 35.64 " N LAT. 100 ° 28 ' 46.08 " W LONG.

ANTENNA ID: 44 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SAN ANGELO 2, SAN AN
LOCATION: 2815 Christoval Road, SAN ANGELO, TX
31 ° 25 ' 56.37 " N LAT. 100 ° 25 ' 16.23 " W LONG.

ANTENNA ID: 45 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SWEETWATER
LOCATION: 910 Elm Street, SWEETWATER, TX
32 ° 28 ' 34.40 " N LAT. 100 ° 24 ' 32.88 " W LONG.

ANTENNA ID: 46 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: CARRIZO SPRINGS
LOCATION: 221 Fm 1556, CARRIZO SPRINGS, TX
28 ° 31 ' 17.74 " N LAT. 99 ° 50 ' 20.78 " W LONG.

ANTENNA ID: 47 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: PERRYTON
LOCATION: 1302 Michigan St, PERRYTON, TX
36 ° 23 ' 12.71 " N LAT. 100 ° 49 ' 9.13 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: UVALDE
LOCATION: 420 Ham Lane, UVALDE, TX
29 ° 13 ' 33.29 " N LAT. 99 ° 44 ' 56.11 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

SITE ID: ABILENE 1, 2, 3 &
LOCATION: 3325 North 12th Street, ABILENE, TX
32 ° 27 ' 46.50 " N LAT. 99 ° 45 ' 43.68 " W LONG.

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

Points of Communication:

- ABILENE 1, 2, 3 & - PERMITTED LIST - ()
- ALPINE - PERMITTED LIST - ()
- ANDREWS - PERMITTED LIST - ()
- BIG LAKE - PERMITTED LIST - ()
- BIG SPRING - PERMITTED LIST - ()
- BISHOP HILLS, TASCOS - PERMITTED LIST - ()
- BORGER - PERMITTED LIST - ()
- BROWNFIELD - PERMITTED LIST - ()
- CANYON WEST, FRENCHI - PERMITTED LIST - ()
- CAPROCK, HERITAGE, Q - PERMITTED LIST - ()
- CARRIZO SPRINGS - PERMITTED LIST - ()
- DALHART - PERMITTED LIST - ()
- DEL RIO 1, 3 (SP) & - PERMITTED LIST - ()
- DUMAS - PERMITTED LIST - ()
- EAGLE PASS 1, 2 (SP) - PERMITTED LIST - ()
- EL PASO 4, 11, 12 (S - PERMITTED LIST - ()
- EL PASO 5, RIO GRAND - PERMITTED LIST - ()
- EL PASO 8, MONTANA V - PERMITTED LIST - ()
- FABENS (SP) - PERMITTED LIST - ()
- FARRAGUT, HARDIN VAL - PERMITTED LIST - ()
- FORT STOCKTON & - PERMITTED LIST - ()
- GREENEVILLE - PERMITTED LIST - ()
- GROVE PARK, PLEASANT - PERMITTED LIST - ()
- HEREFORD - PERMITTED LIST - ()
- HONDO PASS, TRANSMOU - PERMITTED LIST - ()
- JOHNSON CITY, WATAUG - PERMITTED LIST - ()

KINGSPORT, ROTHERWOO - PERMITTED LIST - ()
KNOXVILLE 1, YSA, WE - PERMITTED LIST - ()
KNOXVILLE CUMBERLAND - PERMITTED LIST - ()
LAKEWAY - PERMITTED LIST - ()
MARYVILLE - PERMITTED LIST - ()
MELTON LAKE, POPLAR - PERMITTED LIST - ()
MESA, REDD, RESLER & - PERMITTED LIST - ()
MIDLAND 1, 3, 5, 6 & - PERMITTED LIST - ()
MIDLAND 2, 4 (SP), Y - PERMITTED LIST - ()
MISSION TRAIL, SOCOR - PERMITTED LIST - ()
MONAHANS - PERMITTED LIST - ()
ODESSA 1, 2, 3 (SP), - PERMITTED LIST - ()
PAMPA - PERMITTED LIST - ()
PECOS - PERMITTED LIST - ()
PERRYTON - PERMITTED LIST - ()
PLAINVIEW - PERMITTED LIST - ()
ROGERSVILLE - PERMITTED LIST - ()
SAN ANGELO 1, 3 (SP) - PERMITTED LIST - ()
SAN ANGELO 2, SAN AN - PERMITTED LIST - ()
SEMINOLE - PERMITTED LIST - ()
SEVIERVILLE - PERMITTED LIST - ()
SWEETWATER - PERMITTED LIST - ()
TRADEWIND, WINDSOR - PERMITTED LIST - ()
UVALDE - PERMITTED LIST - ()

SES-REG-20180928-04598 E E190966 Programmers Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 624 31st Ave SW, Ward, Minot, ND

48 ° 12 ' 11.00 " N LAT.

101 ° 18 ' 12.00 " W LONG.

ANTENNA ID:	ANT-1	3 meters	COMTECH	3.0	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	DIGITAL AUDIO

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180928-04599 E E190967 Pacific and Southern, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Transmitter

LOCATION: 169 Nickerson Road, Penobscot, Holden, ME

44 ° 44 ' 9.60 " N LAT.

68 ° 40 ' 16.20 " W LONG.

ANTENNA ID:	1	4.2 meters	DawnCo	D42PMD
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

Transmitter - PERMITTED LIST - ()

SES-REG-20180928-04601 E E190969 Pacific and Southern, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1314 Gray Hwy, Bibb, Macon, GA

32 ° 51 ' 39.00 " N LAT.

83 ° 36 ' 53.00 " W LONG.

ANTENNA ID:	1	4.2 meters	Dawnco	D42F48-8PC
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	2	3.7 meters	Dawnco	D3748-4PC
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	3	3.7 meters	Dawnco	D37F48-4PC
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	4	4.6 meters	Scientific Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	

ANTENNA ID:	5	6 meters	Dawnco	D60FAE
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3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 6 5.2 meters Dawnco D52FAE

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 7 7.3 meters Scientific Atlanta 8128

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180928-04605 E E190972 Blue Ridge Cable Technologies, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Ephrata

LOCATION: 804 Academy Heights Avenue, USA, Ephrata, PA

40 ° 11 ' 5.51 " N LAT.

76 ° 11 ' 24.87 " W LONG.

ANTENNA ID: Ant 1 5.5 meters ComTech Comtech 5.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: Ant 2 3.8 meters DH ANT-2DD6

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Ephrata - PERMITTED LIST - ()

SES-REG-20180928-04607 E E190974 WBIR-TV, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Sat Farm

LOCATION: 1513 Bill Williams Ave, Knox, Knoxville, TN

35 ° 59 ' 55.22 " N LAT.

83 ° 55 ' 22.69 " W LONG.

ANTENNA ID: 1 4.57 meters Scientific Atlatic (vertex) 4.57 kpc

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 4.5 meters DHC DH-45-GB-DP

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 3.7 meters AFC 3.7/pr-12

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 4 3.1 meters Patriot prt-310

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 5 3.7 meters Andrews ES37MPJK

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Sat Farm - PERMITTED LIST - ()

SES-REG-20180928-04611 E E190978 Programmers Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1120 Highway 5 N.E, Bottineau, Bottineau, ND

48 ° 49 ' 25.00 " N LAT.

100 ° 26 ' 53.00 " W LONG.

ANTENNA ID: KBTO-1 3.8 meters Midwest Info 3.8 m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL AUDIO

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180928-04642 E E191009 Southern Utah University

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 50 S. 700 W., USA, Cedar City, UT

37 ° 40 ' 34.30 " N LAT.

113 ° 4 ' 21.49 " W LONG.

ANTENNA ID: Ant1 3.7 meters Wineguard 3.7

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

SES-REG-20180928-04739 E E191109 New Jersey Public Broadcasting Authority

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 25 S. Stockton St. (TOC #1), Mercer, Trenton, NJ
40 ° 13 ' 14.00 " N LAT. 74 ° 45 ' 34.00 " W LONG.

ANTENNA ID: TOC #1 6.1 meters Vertex 6.1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180930-04531 E E190882 MONTGOMERY BROADCASTING, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KFBC-AM
LOCATION: 1806 Capitol Avenue, Laramie, Cheyenne, WY
41 ° 8 ' 4.60 " N LAT. 104 ° 49 ' 0.40 " W LONG.

ANTENNA ID: One 3 meters SAMI SM-10
3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC rates.

Points of Communication:

KFBC-AM - PERMITTED LIST - ()

SES-REG-20180930-04606 E E190973 Brewer Broadcasting Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WQLK Studio
LOCATION: 2626 W Tingle Road, Wayne, Richmond, MI
39 ° 53 ' 31.00 " N LAT. 84 ° 56 ' 10.90 " W LONG.

ANTENNA ID: ANT1 3 meters Comtech 3
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio
ANTENNA ID: ANT2 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio
ANTENNA ID: ANT3 3.7 meters Paraclipse 3.7

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WQLK Studio - PERMITTED LIST - ()

SES-REG-20181001-04623 E E190990 Southern FiberNet Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 779 central Dr, Laurens, E Dublin, GA

32 ° 32 ' 15.81 " N LAT.

82 ° 52 ' 22.69 " W LONG.

ANTENNA ID: ANT1 4.5 meters American Antennas,Inc TVRO 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181001-04624 E E190991 Southern FiberNet Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: Davis Road, Lowndes, Lake Park, GA

30 ° 41 ' 28.67 " N LAT.

83 ° 12 ' 39.30 " W LONG.

ANTENNA ID: Ant1 4.5 meters Scientific Atlanta TVRO 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181001-04625 E E190992 Brandenburg Telecom LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Radcliff

LOCATION: 316 W Lincoln Trail Blvd, Hardin, Radcliff, KY

37 ° 50 ' 14.66 " N LAT.

85 ° 56 ' 30.74 " W LONG.

ANTENNA ID: Radcliff 9.6 meters Simulsat 5B

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video

Points of Communication:

Radcliff - PERMITTED LIST - ()

SES-REG-20181001-04627 E E190994 Hearst Properties Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 41 15 2N

LOCATION: 1001 S. 10th Street (KETV), Douglas, Omaha, NE

41 ° 15 ' 0.20 " N LAT.

95 ° 55 ' 43.90 " W LONG.

ANTENNA ID: Cband Roof 2.4 meters Prodelin 2.4 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital video, audio, data

Points of Communication:

41 15 2N - PERMITTED LIST - ()

SES-REG-20181004-04836 E E191207 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CORSICANA

LOCATION: 3800 Emhouse Road, CORSICANA, TX

32 ° 7 ' 14.57 " N LAT.

96 ° 29 ' 15.70 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334

3700.0000 - 4200.0000 MHz

36M0G7W

SITE ID: MEXIA

LOCATION: 1209 Hinchliffe Road, MEXIA, TX

31 ° 40 ' 19.25 " N LAT.

96 ° 28 ' 10.27 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz

36M0G7W

SITE ID: COLLEGE STATION TEXA

LOCATION: 100 Dexter Drive, COLLEGE STATION, TX

30 ° 36 ' 29.98 " N LAT.

96 ° 20 ' 1.62 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz

36M0G7W

SITE ID: BRYAN 1, 2, 3
LOCATION: 2500 Barak Lane, BRYAN, TX
30 ° 39 ' 3.08 " N LAT. 96 ° 19 ' 34.43 " W LONG.

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

SITE ID: COLLEGE STATION 1, 2
LOCATION: 2815 Welsh Avenue, COLLEGE STATION, TX
30 ° 34 ' 54.45 " N LAT. 96 ° 18 ' 38.21 " W LONG.

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

SITE ID: BONHAM
LOCATION: 1540 Hwy 78 South, BONHAM, TX
33 ° 32 ' 54.56 " N LAT. 96 ° 10 ' 54.63 " W LONG.

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

SITE ID: GREENVILLE
LOCATION: 5309 Utah Street, GREENVILLE, TX
33 ° 7 ' 0.97 " N LAT. 96 ° 7 ' 15.14 " W LONG.

ANTENNA ID: 7 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FORNEY 1, 2, KAUFMAN
LOCATION: 8200 Fm 741, FORNEY, TX
32 ° 42 ' 54.96 " N LAT. 96 ° 26 ' 53.60 " W LONG.

ANTENNA ID: 8 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: NAVASOTA
LOCATION: 400 Ivy Street, NAVASOTA, TX
30 ° 24 ' 1.22 " N LAT. 96 ° 4 ' 27.76 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BAY CITY &
LOCATION: 2813 Carey Smith Boulevard, BAY CITY, TX
28 ° 59 ' 30.57 " N LAT. 95 ° 57 ' 24.53 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WALLER 1, 2 (SP)
LOCATION: 2325 Meyer Waller Road, WALLER, TX
 30 ° 4 ' 6.35 " N LAT. 95 ° 55 ' 30.88 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MADISONVILLE
LOCATION: 1205 East Main Street, MADISONVILLE, TX
 30 ° 57 ' 16.22 " N LAT. 95 ° 54 ' 5.20 " W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ATHENS
LOCATION: 814 Belmont Street, ATHENS, TX
 32 ° 11 ' 14.38 " N LAT. 95 ° 51 ' 39.30 " W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: WHARTON
LOCATION: 1906 Briar Lane, WHARTON, TX
 29 ° 18 ' 35.81 " N LAT. 96 ° 4 ' 57.53 " W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRAZOS (SP), GREATWO
LOCATION: 139 Pecan Park Drive, ROSENBERG, TX
 29 ° 34 ' 23.78 " N LAT. 95 ° 46 ' 14.27 " W LONG.

ANTENNA ID: 15 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MAGNOLIA 1, 2, TOMBA
LOCATION: 31706 Sanders St, MAGNOLIA, TX
 30 ° 12 ' 1.26 " N LAT. 95 ° 44 ' 49.87 " W LONG.

ANTENNA ID: 16 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: GRAND LAKES, RICHMON
LOCATION: 9950 South Mason Road, RICHMOND, TX
29 ° 39 ' 27.64 " N LAT. 95 ° 44 ' 18.41 " W LONG.

ANTENNA ID: 17 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FALCON RANCH, KATY
LOCATION: 1603 Norwalk Drive, KATY, TX
29 ° 45 ' 38.66 " N LAT. 95 ° 43 ' 44.86 " W LONG.

ANTENNA ID: 18 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BEAR CREEK 2 (SP), M
LOCATION: 16198 Cairway Drive, HOUSTON, TX
29 ° 50 ' 29.91 " N LAT. 95 ° 38 ' 34.63 " W LONG.

ANTENNA ID: 19 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KATY 1, KATY MILLS,
LOCATION: 1928 Drexel Drive, KATY, TX
29 ° 47 ' 58.75 " N LAT. 95 ° 48 ' 58.70 " W LONG.

ANTENNA ID: 20 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ALIEF, HOUSTON 4 (SP)
LOCATION: 602 Eldridge Road, SUGAR LAND, TX
29 ° 37 ' 53.52 " N LAT. 95 ° 37 ' 6.20 " W LONG.

ANTENNA ID: 21 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CYPRESS, LOUETTA (SP)
LOCATION: 10555 Mills Road, HOUSTON, TX
29 ° 57 ' 38.78 " N LAT. 95 ° 34 ' 44.51 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HOUSTON 10 (SP), SPR
LOCATION: 4703 Shadowdale Drive, HOUSTON, TX
29 ° 50 ' 14.81 " N LAT. 95 ° 33 ' 2.55 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: KLEIN, KLEINWOOD, WI
 LOCATION: 16535 Kleinwood Drive, SPRING, TX
 30 ° 0 ' 56.95 " N LAT. 95 ° 31 ' 40.65 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: FALLBROOK (SL), INWO
 LOCATION: 7699 Fallbrook Drive, HOUSTON, TX
 29 ° 55 ' 26.61 " N LAT. 95 ° 30 ' 18.09 " W LONG.

ANTENNA ID: 25 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PALESTINE
 LOCATION: 4400 North Loop 256, PALESTINE, TX
 31 ° 47 ' 0.12 " N LAT. 95 ° 37 ' 43.42 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CONROE 2, 3 (SP), MO
 LOCATION: 1516 Wilson Road, CONROE, TX
 30 ° 19 ' 26.37 " N LAT. 95 ° 28 ' 48.27 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HOUSTON 1 (SP), MEMO
 LOCATION: 1101 Bering Drive, HOUSTON, TX
 29 ° 45 ' 19.03 " N LAT. 95 ° 28 ' 45.50 " W LONG.

ANTENNA ID: 28 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRAZORIA (SP), BRAZO
 LOCATION: 502 Southern Oaks Drive, LAKE JACKSON, TX
 29 ° 3 ' 12.66 " N LAT. 95 ° 26 ' 10.84 " W LONG.

ANTENNA ID: 29 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: CYPRESS CRK, HOUSTON
LOCATION: 16331 Hafer Rd, HOUSTON, TX
30 ° 0 ' 25.72 " N LAT. 95 ° 25 ' 54.43 " W LONG.

ANTENNA ID: 30 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: QUITMAN
LOCATION: 1128 East Goode Street, QUITMAN, TX
32 ° 47 ' 43.48 " N LAT. 95 ° 25 ' 27.87 " W LONG.

ANTENNA ID: 31 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: BRAES BAYOU YSA, HER
LOCATION: 5531 Beechnut Street, HOUSTON, TX
29 ° 41 ' 19.62 " N LAT. 95 ° 29 ' 12.75 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TYLER 2, 3 (SP)
LOCATION: 2401 North Broadway Avenue, TYLER, TX
32 ° 22 ' 25.23 " N LAT. 95 ° 18 ' 5.28 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TYLER 1, TYLER YSA
LOCATION: 1617 Shiloh Road, TYLER, TX
32 ° 17 ' 41.35 " N LAT. 95 ° 16 ' 57.94 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

SITE ID: BROADWAY 1, 2 (SP),
LOCATION: 3000 Broadway Street, HOUSTON, TX
29 ° 41 ' 48.73 " N LAT. 95 ° 16 ' 41.23 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

SITE ID: ALVIN
LOCATION: 2700 Lehi Lane, ALVIN, TX
29 ° 24 ' 1.85 " N LAT. 95 ° 16 ' 4.07 " W LONG.

SITE ID: CLEVELAND 1, 2 (SP)
LOCATION: 1100 Southline Street, CLEVELAND, TX
30 ° 20 ' 11.85 " N LAT. 95 ° 4 ' 45.41 " W LONG.

ANTENNA ID: 43 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL

SITE ID: KINGWOOD 1, 3 &
LOCATION: 4021 Deerbrook Drive, KINGWOOD, TX
30 ° 4 ' 0.66 " N LAT. 95 ° 11 ' 34.62 " W LONG.

ANTENNA ID: 44 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

SITE ID: GILMER 1, 2, 3, 4 &
LOCATION: 1122 Pine Street, GILMER, TX
32 ° 44 ' 19.01 " N LAT. 94 ° 57 ' 30.33 " W LONG.

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

SITE ID: LIVINGSTON
LOCATION: 2023 North Houston Avenue, LIVINGSTON, TX
30 ° 43 ' 42.18 " N LAT. 94 ° 55 ' 44.10 " W LONG.

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

SITE ID: LONGVIEW 1, 2, 4 (SP)
LOCATION: 1700 Blueridge Parkway, LONGVIEW, TX
32 ° 32 ' 17.98 " N LAT. 94 ° 46 ' 35.31 " W LONG.

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

SITE ID: LUFKIN 1, 2 (SP)
LOCATION: 606 Bending Oak Street, LUFKIN, TX
31 ° 18 ' 28.88 " N LAT. 94 ° 45 ' 31.13 " W LONG.

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

SITE ID: NACOGDOCHES 1, 2 (SP)
LOCATION: 3307 Center Road, NACOGDOCHES, TX
31 ° 35 ' 59.80 " N LAT. 94 ° 37 ' 16.25 " W LONG.

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

SITE ID: BAYTOWN, TEXAS (SP)
LOCATION: 1010 Birdsong Drive, BAYTOWN, TX
29 ° 45 ' 59.73 " N LAT. 94 ° 58 ' 29.61 " W LONG.

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

Points of Communication:

- ALIEF, HOUSTON 4 (SP - PERMITTED LIST - ()
- ALVIN - PERMITTED LIST - ()
- ARMAND BAYOU YSA, CL - PERMITTED LIST - ()
- ATASCOCITA, HUMBLE, - PERMITTED LIST - ()
- ATHENS - PERMITTED LIST - ()
- BAY CITY & - PERMITTED LIST - ()
- BAYBROOK, FRIENDSWOO - PERMITTED LIST - ()
- BAYTOWN, TEXAS (SP) - PERMITTED LIST - ()
- BEAR CREEK 2 (SP), M - PERMITTED LIST - ()
- BONHAM - PERMITTED LIST - ()
- BRAES BAYOU YSA, HER - PERMITTED LIST - ()
- BRAZORIA (SP), BRAZO - PERMITTED LIST - ()
- BRAZOS (SP), GREATWO - PERMITTED LIST - ()
- BROADWAY 1, 2 (SP), - PERMITTED LIST - ()
- BRYAN 1, 2, 3 - PERMITTED LIST - ()
- CLEVELAND 1, 2 (SP) - PERMITTED LIST - ()
- COLLEGE STATION 1, 2 - PERMITTED LIST - ()
- COLLEGE STATION TEXA - PERMITTED LIST - ()
- CONROE 2, 3 (SP), MO - PERMITTED LIST - ()
- CORSICANA - PERMITTED LIST - ()
- CYPRESS CRK, HOUSTON - PERMITTED LIST - ()
- CYPRESS, LOUETTA (SP - PERMITTED LIST - ()

FAIRMONT, PASADENA (- PERMITTED LIST - ())
FALCON RANCH, KATY - PERMITTED LIST - ()
FALLBROOK (SL), INWO - PERMITTED LIST - ()
FORNEY 1, 2, KAUFMAN - PERMITTED LIST - ()
GALENA PARK (SP), HO - PERMITTED LIST - ()
GILMER 1, 2, 3, 4 & - PERMITTED LIST - ()
GRAND LAKES, RICHMON - PERMITTED LIST - ()
GREENVILLE - PERMITTED LIST - ()
HOUSTON 1 (SP), MEMO - PERMITTED LIST - ()
HOUSTON 10 (SP), SPR - PERMITTED LIST - ()
HOUSTON 3 (SP), 5 (S - PERMITTED LIST - ()
KATY 1, KATY MILLS, - PERMITTED LIST - ()
KINGWOOD 1, 3 & - PERMITTED LIST - ()
KLEIN, KLEINWOOD, WI - PERMITTED LIST - ()
LIVINGSTON - PERMITTED LIST - ()
LONGVIEW 1, 2, 4 (SP - PERMITTED LIST - ()
LUFKIN 1, 2 (SP) - PERMITTED LIST - ()
MADISONVILLE - PERMITTED LIST - ()
MAGNOLIA 1, 2, TOMBA - PERMITTED LIST - ()
MEXIA - PERMITTED LIST - ()
NACOGDOCHES 1, 2 (SP - PERMITTED LIST - ()
NAVASOTA - PERMITTED LIST - ()
PALESTINE - PERMITTED LIST - ()
QUITMAN - PERMITTED LIST - ()
TYLER 1, TYLER YSA - PERMITTED LIST - ()
TYLER 2, 3 (SP) - PERMITTED LIST - ()
WALLER 1, 2 (SP) - PERMITTED LIST - ()
WHARTON - PERMITTED LIST - ()

Nature of Service: Fixed Satellite Service

SITE ID: KNXT-TV Studio

LOCATION: 1550 N Fresno St 1550 N Fresno St, Fresno, Fresno, CA
36 ° 45 ' 50.40 " N LAT. 119 ° 46 ' 39.10 " W LONG.

ANTENNA ID:	SA-1	4.6 meters	Scientific Atlanta	8346
	3700.0000 - 4.2000 MHz		10M0G7W	Digital Video and Audio services

Points of Communication:

KNXT-TV Studio - PERMITTED LIST - ()

SES-REG-20181005-04894 E E191265 NORTH CAROLINA BROADCASTING PARTNERS

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1 Television Place, Mecklenburg, Charlotte, NC
35 ° 12 ' 15.00 " N LAT. 80 ° 47 ' 53.00 " W LONG.

ANTENNA ID:	1	5 meters	Unknown	C-Band 5m
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	2	7 meters	Scientific Atlanta	C-Band 7m
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	3	10 meters	Scientific Atlanta	C-Band 10m
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	4	4.5 meters	Unknown	C-Band 4.5m
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	5	3.8 meters	Unknown	C-Band 3.8
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	6	3.8 meters	AFC	C-Band 3.8
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	7	3.8 meters	Patriot	C-Band 3.8
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data

ANTENNA ID:	8	3.8 meters	Unknown	C-Band 3.8
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	9	4.6 meters	Unknown	C-Band 4.6
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data
ANTENNA ID:	10	3 meters	Unknown	C-Band 3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181006-04749 E E191119 Ventana Television, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Tulsa

LOCATION: 15 W. 6th St., Tulsa, Tulsa, OK

36 ° 9 ' 1.31 " N LAT.

95 ° 59 ' 26.40 " W LONG.

ANTENNA ID:	ANT1	3.8 meters	Patriot	PRT-380AZ
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital Video

Points of Communication:

Tulsa - PERMITTED LIST - ()

SES-REG-20181007-04919 E E191290 WBOC, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio

LOCATION: 1729 N. Salisbury Boulevard, Wicomico, Salisbury, MD

38 ° 22 ' 7.00 " N LAT.

75 ° 34 ' 49.00 " W LONG.

ANTENNA ID:	ANT 1	5 meters	DH	DH-50-GIB-Fixed
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and audio
ANTENNA ID:	ANT 2	7 meters	Scientific Atlanta	8010
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital video and audio
ANTENNA ID:	ANT 3,5 &7	3.8 meters	Comtech	C38P

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID: ANT 4	4.6 meters	Scientific Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID: ANT 6	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID: ANT 9 & 10	4.8 meters	Andrew	AND 4.8
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID: ANT 11	3.7 meters	Dawnsat	D37F48-4PC
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and audio

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181008-04930 E E191301 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1235 North Loop W, HARRIS, Houston, TX

29 ° 48 ' 39.60 " N LAT.

95 ° 25 ' 18.90 " W LONG.

ANTENNA ID: 1 4.5 meters SSE 8345 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

SITE ID: 2

LOCATION: 1235 North Loop W, Harris, Houston, TX

29 ° 48 ' 39.60 " N LAT.

95 ° 25 ' 18.90 " W LONG.

ANTENNA ID: 2 3.7 meters Prodelin Corporation 1375 3.7 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20181008-04931 E E191302 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 North Capital St. NW, District of Columbia, Washington, DC
38 ° 53 ' 44.90 " N LAT. 77 ° 0 ' 36.50 " W LONG.

ANTENNA ID: 1 4.5 meters Patriot 4.5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04932 E E191303 NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1650 Sand Lake Road, ORANGE, Orlando, FL
28 ° 26 ' 59.00 " N LAT. 81 ° 23 ' 58.30 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04933 E E191304 Hearst Stations Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 Ardmore Blvd., Allegheny County, Pittsburgh, PA
40 ° 16 ' 50.10 " N LAT. 79 ° 48 ' 11.80 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04934 E E191306 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 205 East 67th Street, New York, New York, NY

40 ° 45 ' 59.10 " N LAT.

73 ° 57 ' 43.20 " W LONG.

ANTENNA ID:	1	3.7 meters	Andrew	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital various FEC, data rates and modulation
ANTENNA ID:	2	4.5 meters	Andrew Corporation	ESA45.46A
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	3	6.1 meters	Vertex	6.1
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04935 E E191307 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 340 Domino Lane, Philadelphia, Philadelphia, PA

40 ° 2 ' 25.70 " N LAT.

75 ° 14 ' 16.50 " W LONG.

ANTENNA ID:	1	3 meters	Harris	3
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	2	3.6 meters	DH	3.6
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	3	5 meters	DH	5.0
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 4 7.3 meters Comtech 7.3M
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04936 E E191308 Fox Broadcasting Company
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3914 Wistar RD, Henrico, Richmond, VA
 37 ° 37 ' 21.80 " N LAT. 77 ° 29 ' 59.30 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04937 E E191309 Fox Broadcasting Company
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1175 Peachtree St., NE 100 Colony Sq Suite 2100, Fulton, Atlanta, GA
 33 ° 47 ' 12.90 " N LAT. 84 ° 22 ' 57.10 " W LONG.

ANTENNA ID: 1 5 meters Comtech 5.0M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 2 3 meters Comtech 3.0M
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04938 E E191310 Fox Broadcasting Company
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 East Royal Lane, Suite 200, Dallas, Irving, GA
32 ° 53 ' 39.60 " N LAT. 96 ° 56 ' 34.20 " W LONG.

ANTENNA ID: 1 5 meters Comtech 5.0M

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04939 E E191311 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1570 W Beltline Rd, Dallas, Cedar Hill, TX
32 ° 35 ' 18.00 " N LAT. 96 ° 58 ' 31.10 " W LONG.

ANTENNA ID: 1 5 meters Andrew Corporation ESA45-46A

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04940 E E191312 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1950 North Meridian Street, Marion, Indianapolis, IN
39 ° 47 ' 33.90 " N LAT. 86 ° 9 ' 27.60 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04941 E E191313 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 9530 Weller Rd, Alameda, Oakland, CA
37 ° 29 ' 13.90 " N LAT.

121 ° 52 ' 2.50 " W LONG.

ANTENNA ID:	1	5 meters	ATCI	5.0M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	2	4.6 meters	Andrew Corporation	4.6M
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04942 E E191314 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 9 Broadcast Plaza, Hudson, Secaucus, NJ
40 ° 47 ' 44.00 " N LAT.

74 ° 4 ' 10.00 " W LONG.

ANTENNA ID:	1	5 meters	Comtech	5.0M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	2	6.1 meters	Vertex	6.1M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	3	3.8 meters	Patriot	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	4	3.7 meters	Prodelin	3.7
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID:	5	3.1 meters	Patriot	3.1

3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 6	1.8 meters Prodelin	1.8m
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04943 E E191315 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2 Jack London Square, Alameda, Oakland, CA
 37 ° 47 ' 26.70 " N LAT. 122 ° 16 ' 12.70 " W LONG.

ANTENNA ID: 1	4.6 meters Andrew Corporation	4.6M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 2	5 meters ATCI	5.0
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 3	3.7 meters Patriot	3.7M
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04944 E E191316 WJER RADIO LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 646 Boulevard, Tuscarawas, Dover, OH
 40 ° 30 ' 47.40 " N LAT. 81 ° 27 ' 23.90 " W LONG.

ANTENNA ID: 1	3.8 meters Comtech	3.8M
3700.0000 - 4200.0000 MHz	36M0G7W 0.00 dBW	Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04947 E E191319 Rochelle Broadcasting Co., Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 May Mart Drive, Ogle, Rochelle, IL

41 ° 56 ' 0.00 " N LAT.

89 ° 3 ' 56.00 " W LONG.

ANTENNA ID: 1 3 meters Comtech 3 METER

3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04949 E E191321 Hearst Stations Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 Ardmore Blvd., Allegheny County, Pittsburgh, PA

40 ° 26 ' 11.00 " N LAT.

79 ° 52 ' 5.90 " W LONG.

ANTENNA ID: 1 4.5 meters VIASAT ESA8345

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04951 E E191323 Hearst Stations Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 400 Ardmore Blvd., Allegheny County, Pittsburgh, PA

40 ° 26 ' 7.00 " N LAT.

79 ° 52 ' 5.00 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT PRT380AZ

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

ANTENNA ID: 2 4.5 meters PATRIOT PRT450
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04958 E E191330 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 205 N. Michigan Ave, Cook, Chicago, IL

41 ° 53 ' 9.70 " N LAT.

87 ° 37 ' 25.10 " W LONG.

ANTENNA ID: 1 5 meters Patriot 5.0M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates
and modulation

ANTENNA ID: 2 5 meters Andrew Corporation ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates
and modulation

ANTENNA ID: 3 5 meters Scientific Atlanta 5.0M
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and
modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04959 E E191331 Fox Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1999 S. Bundy Dr, Los Angeles, Los Angeles, CA

34 ° 2 ' 0.40 " N LAT.

118 ° 27 ' 24.00 " W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates
and modulation

ANTENNA ID: 2 3.7 meters Prodelin 3.7M

3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 3	3.5 meters Prodelin	3.5M
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04960 E E191332 Fox Broadcasting Company
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: Mt Wilson, Los Angeles, Mt Wilson, CA
 34 ° 13 ' 27.00 " N LAT. 118 ° 3 ' 48.00 " W LONG.

ANTENNA ID: 1	3.7 meters Dawncs Sat	3.7
3700.0000 - 4200.0000 MHz	36M0G7W	digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181008-04961 E E191333 Fox Broadcasting Company
 Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 330 Market Street, Philadelphia, Philadelphia, PA
 39 ° 56 ' 59.80 " N LAT. 75 ° 8 ' 49.00 " W LONG.

ANTENNA ID: 1	4.7 meters Vertex	4.7
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 2	4.5 meters Patriot	4.5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation
ANTENNA ID: 3	3.7 meters AFC	3.7M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 4 1.8 meters Patriot 1.8M
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-04757 E E191127 Cox Communications Las Vegas Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Henderson
LOCATION: 180 Pacific Center Dr, Clark, Henderson, NV
 36 ° 2 ' 26.20 " N LAT. 115 ° 2 ' 20.80 " W LONG.

ANTENNA ID: 4.5M 4.5 meters Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

Henderson - PERMITTED LIST - ()

SES-REG-20181009-04760 E E191130 Cox Communications Las Vegas Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Henderson
LOCATION: 180 Pacific Center Dr, Clark, Henderson, NV
 36 ° 2 ' 25.90 " N LAT. 115 ° 2 ' 20.60 " W LONG.

ANTENNA ID: 4.5 4.5 meters Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

Henderson - PERMITTED LIST - ()

SES-REG-20181009-04764 E E191134 Cox Communications Las Vegas Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Henderson
LOCATION: 180 Pacific Center Dr, Clark, Henderson, NV
 36 ° 2 ' 26.40 " N LAT. 115 ° 2 ' 20.50 " W LONG.

ANTENNA ID:	4.5	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

Henderson - PERMITTED LIST - ()

SES-REG-20181009-05027 E E191404 TURNER BROADCASTING SYSTEM, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.60 " N LAT.

84 ° 23 ' 43.80 " W LONG.

ANTENNA ID:	1	4.5 meters	ASC	45ESAMPJ-1
	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: 2

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 43.80 " W LONG.

ANTENNA ID:	2	4.5 meters	ASC	45ESAMPJ-1
	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: 3

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.90 " N LAT.

84 ° 23 ' 44.20 " W LONG.

ANTENNA ID:	3	4.5 meters	Viasat	8345
	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
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SITE ID: 4

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 44.20 " W LONG.

ANTENNA ID: 4	4.5 meters	ASC	45ESAMPJ-1
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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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SITE ID: 5

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 44.20 " W LONG.

ANTENNA ID: 5	4.5 meters	ASC	45ESAMPJ-1
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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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SITE ID: 6

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.60 " N LAT.

84 ° 23 ' 43.80 " W LONG.

ANTENNA ID: 6	4.5 meters	ASC	45ESAMPJ-1
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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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SITE ID: 7

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.60 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 7	4.5 meters	ASC	45ESAMPJ-1
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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: 8

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 8 4.5 meters ASC 45ESAMPJ-1

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: 9

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 9 4.5 meters ASC 45ESAMPJ-1

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: 10

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 3.80 " N LAT.

84 ° 23 ' 44.50 " W LONG.

ANTENNA ID: 10 4.5 meters ASC 45ESAMPJ-1

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: 11
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 3.80 " N LAT. 84 ° 23 ' 44.20 " W LONG.

ANTENNA ID:	11	4.5 meters	ASC	45ESAMPJ-1
	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:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20181009-05044 E E191422 TURNER BROADCASTING SYSTEM, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 4.60 " N LAT. 84 ° 23 ' 42.70 " W LONG.

ANTENNA ID:	1	4.5 meters	Viasat	8345
	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: 2

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 3.80 " N LAT.

84 ° 23 ' 42.70 " W LONG.

ANTENNA ID: 2	4.5 meters	Viasat	8345
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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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SITE ID: 3

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 4.20 " N LAT.

84 ° 23 ' 43.40 " W LONG.

ANTENNA ID: 3	4.5 meters	Viasat	8345
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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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SITE ID: 4

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 4.60 " N LAT.

84 ° 23 ' 43.40 " W LONG.

ANTENNA ID: 4	4.5 meters	Viasat	8345
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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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SITE ID: 5

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 4.60 " N LAT.

84 ° 23 ' 43.40 " W LONG.

ANTENNA ID: 5	4.5 meters	Viasat	8345
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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

Points of Communication:

- 1 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()

SES-REG-20181009-05047 E E191425 Bonneville International Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 201 Third Street, San Francisco, San Francisco, CA
 37 ° 47 ' 5.70 " N LAT. 122 ° 23 ' 59.70 " W LONG.

ANTENNA ID: 1 3.3 meters DH Satellite GIB33M-DP

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Data/Digital Audio
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Points of Communication:

- 1 - PERMITTED LIST - ()

SES-REG-20181009-05054 E E191432 Cox Communications Las Vegas Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 180 Pacific Center Dr, Clark, Henderson, NV
 36 ° 2 ' 26.60 " N LAT. 115 ° 2 ' 20.70 " W LONG.

ANTENNA ID: 4.5 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05055 E E191433 Cox Communications Las Vegas Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 180 Pacific Center Dr, Clark, Henderson, NV

36 ° 2 ' 26.10 " N LAT.

115 ° 2 ' 20.30 " W LONG.

ANTENNA ID: 4.5 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181011-04775 E E191145 WDIO-TV, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10 OBSERVATION RD. (WDIO-TV, LLC), ST. LOUIS, DULUTH, MN

46 ° 47 ' 11.40 " N LAT.

92 ° 7 ' 23.60 " W LONG.

ANTENNA ID: WDIO-TV 5.1 meters ANDREWS CORPORATION A-51m

3700.0000 - 4200.0000 MHz 36M0G8W 0.00 dBW COMPRESSED DIGITAL VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-04736 E E191106 Nebraska Educational Telecommunications Commission

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: DH 4.2

LOCATION: 1800 N 33rd St., Lancaster, Lincoln, NE

40 ° 49 ' 52.80 " N LAT.

96 ° 40 ' 17.10 " W LONG.

ANTENNA ID: DH 4.5 4.5 meters DH Satellite 45DH1

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

3700.0000 - 4200.0000 MHz 308KG7W Digital Data, Audio or Video

Points of Communication:

DH 4.2 - PERMITTED LIST - ()

SES-REG-20181015-04806 E E191177 Salem Media of Illinois, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: OMAHA

LOCATION: 11717 Burt Street, Suite 202, Douglas, OMAHA, NE

41 ° 15 ' 53.70 " N LAT.

96 ° 5 ' 53.60 " W LONG.

ANTENNA ID: 3.0D& 3 meters D&H D30F48-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

OMAHA - PERMITTED LIST - ()

SES-REG-20181016-04921 E E191292 Living Faith Ministries Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.30 " N LAT.

81 ° 15 ' 19.86 " W LONG.

ANTENNA ID: 1 3 meters DH Satellite DH-HDP-3.0

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

SITE ID: 2

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.70 " N LAT.

81 ° 15 ' 20.56 " W LONG.

ANTENNA ID: 2 3.7 meters DH Satellite DH 3.7-4/48

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

SITE ID: 3

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.71 " N LAT.

81 ° 15 ' 20.76 " W LONG.

ANTENNA ID: 3 3.7 meters DH Satellite DH 3.7-4/48

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

3 - PERMITTED LIST - ()

SES-REG-20190326-00545 E E6527 RCN Telecom Services (Lehigh) LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

RCN Telecom Services (Lehigh), LLC amends this application by correcting the site coordinates and unpdating the emission designator to 36M0G7F. See IBFS File No. SES-AMD-20191117-01514.

SITE ID: 1

LOCATION: 5508 Nor Bath Blvd., Lehigh, Northampton, PA

40 ° 42 ' 0.00 " N LAT.

75 ° 25 ' 58.00 " W LONG.

ANTENNA ID: 1 7 meters MICRODYNE SATRO 7M

3700.0000 - 4200.0000 MHz 36M0G7F Digital Modulation Data Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190904-01199 E E4132 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for a period of 180 days, to operate its fixed earth station in Fillmore, CA to provide launch and early orbit phase (LEOP) services and telemetry, tracking and command (TT&C) services for the MEV-1 satellite.

Points of Communication:

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