



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-02160

Wednesday May 8, 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.

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**SES-LIC-20190403-00456**    E E190165    WML Services, LLC

Application for Authority

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service, Other

SITE ID:                    1

LOCATION:                  7200 Campbellton Rd, Fulton, Atlanta, GA

33 ° 41 ' 27.10 " N LAT.

84 ° 37 ' 21.40 " W LONG.

ANTENNA ID:    1                            9.1 meters            Viasat                            8009A

5925.0000 - 6425.0000 MHz            36M0G7F            74.77 dBW            8PSK, QPSK, digital video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180622-01818**    E E950381    KXTV, LLC

Application for Modification

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

KXTV, LLC requests modification of its fixed earth station in Sacramento, CA to add antennas and update site coordinates. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID:                    1

LOCATION:                  400 BROADWAY, SACRAMENTO, SACRAMENTO, CA

38 ° 33 ' 55.56 " N LAT.

121 ° 30 ' 31.49 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F8W	NULL
ANTENNA ID:	2	3.7 meters	PRODELIN	1374
	3700.0000 - 4200.0000 MHz		36M0F8W	NULL
ANTENNA ID:	3	7.5 meters	VIKING SATCOM	VS-750DAKP
	3700.0000 - 4200.0000 MHz		36M0F8W	NULL

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180628-01814** E E910649 Gray Television Licensee, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Gray Television Licensee, LLC requests modification of its fixed earth station in Tallahassee, FL to relocate the antenna. This station will continue to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1  
 LOCATION: 1801 HALSTEAD BLVD., Leon, Tallahassee, FL  
 30 ° 30 ' 9.89 " N LAT. 84 ° 14 ' 48.48 " W LONG.

ANTENNA ID:	1	4.6 meters	Andrew Corp.	ESA46-124
	14000.0000 - 14500.0000 MHz		36M0F3F 72.40 dBW	VIDEO/AUDIO
	11700.0000 - 12200.0000 MHz		36M0F3F	VIDEO/AUDIO

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180806-02781** E E050315 Gray Television Licensee, LLC

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

Gray Television Licensee, LLC requests modification of its temporary-fixed earth station to correct the site location and change the licensee name due to an assignment of license (see IBFS File No. SES-ASG-20180709-01593). This station will continue to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) frequency band.

SITE ID: 1  
 LOCATION: 1709 STUART AVENUE COLUMBUS, DOUGHERTY, GA 31707, VARIOUS

ANTENNA ID:	1	2.4 meters	ANDREW CORPORATION	ESA24SNG-LTE-25
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14000.0000 - 14500.0000 MHz	10M0G7W	68.60 dBW	DIGITAL MCPC
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL MCPC

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180810-02283** E E860408 Cox Communications California, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Cox Communications California, LLC requests modification of its fixed earth station in Santa Barbara, CA to update the site coordinates, change the satellite arc and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
 LOCATION: 22 SOUTH FAIRVIEW AVEUNE, GOLETA, SANTA BARBARA, CA  
 34 ° 26 ' 19.40 " N LAT. 119 ° 49 ' 47.20 " W LONG.

ANTENNA ID: 4.5AN	4.5 meters	ANDREW CORPORATION	ESA45-4
3700.0000 - 4200.0000 MHz	36M0G7W		NULL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180817-02782** E E180605 Gray Television Licensee, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Gray Television Licensee, LLC requests modification of its fixed earth station in Lubbock, TX to add additional antenna information. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1  
 LOCATION: 5600 Avenue A, Lubbock, Lubbock, TX  
 33 ° 32 ' 38.40 " N LAT. 101 ° 50 ' 9.40 " W LONG.

ANTENNA ID: Lubbock	10 meters	SCIENTIFIC-ATLANTA	10 meter
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

ANTENNA ID: 9	3.8 meters	COMTECH	3.8M. INCLINED ORBIT
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

ANTENNA ID: 8	3.8 meters	COMTECH	3.8M. INCLINED ORBIT
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

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ANTENNA ID:	4	4.6 meters	SCIENTIFIC-ATLANTA	SERIES 8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20181005-03609** E E990277 Telesat Network Services, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Telesat Network Services Inc. requests modification of its fixed earth station in Mt. Jackson, VA to correct geographic coordinates.

SITE ID: 1

LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA  
 38 ° 43 ' 47.10 " N LAT. 78 ° 39 ' 29.30 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9.0 KPC
	5925.0000 - 6425.0000 MHz		32M0G7D	80.00 dBW
				QPSK 3/4 40,000 KBPS, DATA, VOICE AND FACSIMILE
	5925.0000 - 6425.0000 MHz		36M0G7W	80.00 dBW
				QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz		7M04G7W	75.00 dBW
				QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz		1M80G7W	63.50 dBW
				QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz		32M0G7D	
				QPSK 3/4 2, 500 KBPS, DATA
	3700.0000 - 4200.0000 MHz		50K0G1W	
				DIGITAL SCPC CARRIER, QPSK
	3700.0000 - 4200.0000 MHz		1M80G1W	
				DIGITAL SCPC CARRIER, QPSK
	3700.0000 - 4200.0000 MHz		4M50G7W	
				QPSK, VOICE, FACSIMILE, VIDEO AND DATA SERVICES

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20181221-03620** E E990069 Denali 2020, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Denali 20020 LLC requests modification of its fixed earth station in Brewster, WA to increase the EIRP and EIRP density on Antenna ID UHF\_YAGI to communicate with the Planet Labs NGSO satellites in the 449.97-450.03 MHz (Earth-to-space) frequency bands.

SITE ID: 1  
 LOCATION: P.O. BOX 430, 66C, OKANOGAN, BREWSTER, WA  
 48 ° 8 ' 48.80 " N LAT. 119 ° 42 ' 4.20 " W LONG.

ANTENNA ID:	BREW-5	7.6 meters	NEC		G2573C
	8166.5850 - 8233.4150 MHz		66M8G1D		DIGITAL
	8099.5850 - 8166.4150 MHz		66M8G1D	0.00 dBW	DIGITAL
	7071.9000 - 7073.9000 MHz		250KG2D		TT&C
	7071.9000 - 7073.9000 MHz		250KG9D		TT&C
	7071.2000 - 7071.2000 MHz		NON		AFC
	7068.3000 - 7068.5000 MHz		75K0G1W		SRMS TELEMETRY
	7068.3000 - 7068.5000 MHz		75K0G1D		SRMS TELEMETRY
	7068.3000 - 7068.5000 MHz		75K0G7W		SRMS TELEMETRY
	7068.3000 - 7068.5000 MHz		75K0G7D		SRMS TELEMETRY
	7017.3000 - 7017.5000 MHz		75K0G1W		SRMS TELEMETRY
	7017.3000 - 7017.5000 MHz		75K0G1D		SRMS TELEMETRY
	7017.3000 - 7017.5000 MHz		75K0G7W		SRMS TELEMETRY
	7017.3000 - 7017.5000 MHz		75K0G7D		SRMS TELEMETRY
	7015.1000 - 7015.1000 MHz		NON		AFC
	7011.0000 - 7013.0000 MHz		250KG2D		TT&C
	7011.0000 - 7013.0000 MHz		250KG9D		TT&C
	5242.5000 - 5244.5000 MHz		1M00F9D	66.00 dBW	TT&C-NORMAL OPERATION
	5242.5000 - 5244.5000 MHz		1M00F2D	66.00 dBW	TT&C-NORMAL OPERATION
	5242.5000 - 5244.5000 MHz		1M00F9D	81.00 dBW	TT&C-EMERGENCY ONLY
	5242.5000 - 5244.5000 MHz		1M00F2D	81.00 dBW	TT&C-EMERGENCY ONLY
	5241.2000 - 5241.2000 MHz		NON	42.00 dBW	AFC
	5237.3000 - 5238.2000 MHz		100KG1W	58.30 dBW	HPN COMMAND-DIGITAL

5237.3000 - 5238.2000 MHz	100KG1D	58.30 dBW	HPN COMMAND-DIGITAL
5237.3000 - 5238.2000 MHz	100KG7W	58.30 dBW	HPN COMMAND-DIGITAL
5237.3000 - 5238.2000 MHz	100KG7D	58.30 dBW	HPN COMMAND-DIGITAL
5236.9000 - 5237.3000 MHz	100KG1W	58.30 dBW	SRMS COMMAND-DIGITAL
5236.9000 - 5237.3000 MHz	100KG1D	58.30 dBW	SRMS COMMAND-DIGITAL
5236.9000 - 5237.3000 MHz	100KG7W	58.30 dBW	SRMS COMMAND-DIGITAL
5236.9000 - 5237.3000 MHz	100KG7D	58.30 dBW	SRMS COMMAND-DIGITAL
5186.7000 - 5187.1000 MHz	100KG1W	58.30 dBW	SRMS COMMAND-DIGITAL
5186.7000 - 5187.1000 MHz	100KG1D	58.30 dBW	SRMS COMMAND-DIGITAL
5186.7000 - 5187.1000 MHz	100KG7W	58.30 dBW	SRMS COMMAND-DIGITAL
5186.7000 - 5187.1000 MHz	100KG7D	58.30 dBW	SRMS COMMAND-DIGITAL
5185.8000 - 5186.7000 MHz	100KG1W	58.30 dBW	HPN COMMAND-DIGITAL
5185.8000 - 5186.7000 MHz	100KG1D	58.30 dBW	HPN COMMAND-DIGITAL
5185.8000 - 5186.7000 MHz	100KG7W	58.30 dBW	HPN COMMAND-DIGITAL
5185.8000 - 5186.7000 MHz	100KG7D	58.30 dBW	HPN COMMAND-DIGITAL
5185.1000 - 5185.1000 MHz	NON	42.00 dBW	AFC
5179.5000 - 5181.5000 MHz	1M00F9D	66.00 dBW	TT&C-NORMAL OPERATION
5179.5000 - 5181.5000 MHz	1M00F2D	66.00 dBW	TT&C-NORMAL OPERATION
5179.5000 - 5181.5000 MHz	1M00F9D	81.00 dBW	TT&C-EMERGENCY ONLY
5179.5000 - 5181.5000 MHz	1M00F2D	81.00 dBW	TT&C-EMERGENCY ONLY
2055.3450 - 2056.6550 MHz	1M31F1D	49.01 dBW	DIGITAL DATA CARRIER
ANTENNA ID: UHF_YAGI	2.7 meters	M2 INC.	450CP34/400CP30
449.9700 - 450.0300 MHz	60K0F1D	25.48 dBW	DIGITAL
401.2700 - 401.3300 MHz	60K0F1D		DIGITAL
449.9700 - 450.0300 MHz	60K0F1D	36.50 dBW	Digital, TT&C GFSK

**Points of Communication:**

1 - FLOCK 1 (S2912) - (NGSO)

1 - ICO - (NGSO)

1 - Planet Labs (S2912) - (NGSO)

**SES-MOD-20190403-00428** E E080030 Ligado Networks Subsidiary LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Mobile Satellite Service

Ligado Networks Subsidiary LLC requests modification of its 11.3-meter earth station (Antenna ID 11.3M-2) located in Napa, California to add center frequencies: 11.701 GHz and 11.7005 GHz (space-to-Earth); and 14.0005 GHz and 14.4995 GHz (Earth-to-space) in order to provided TT&C services to the MSAT-2 satellite at the 106.5° orbital location.

SITE ID: Site 1

LOCATION: 961 Anselmo Court, Napa, Napa, CA

38 ° 14 ' 41.50 " N LAT.

122 ° 16 ' 47.50 " W LONG.

ANTENNA ID:	7.3M	7.3 meters	Viasat	7.3 Meter	
	13248.0000 - 13250.0000 MHz		1M20G7D	82.50 dBW	Digital Data Carrier
	13240.5000 - 13245.5000 MHz		N0N	82.50 dBW	CW
	12780.0000 - 13140.0000 MHz		N0N	68.70 dBW	CW
	12780.0000 - 13140.0000 MHz		6K00G7D	28.76 dBW	Digital Data Carrier
	12780.0000 - 13140.0000 MHz		312KG7D	56.50 dBW	Digital Data Carrier
	12780.0000 - 13140.0000 MHz		1M25G7D	68.70 dBW	Digital Data Carrier
	12780.0000 - 13140.0000 MHz		5M00G7D	68.70 dBW	Digital Data Carrier
	12750.0000 - 12752.0000 MHz		1M20G7D	82.50 dBW	Digital Data Carrier
	11200.0000 - 11450.0000 MHz		312KG7D		Digital Data Carrier
	11200.0000 - 11450.0000 MHz		6K00G7D		Digital Data Carrier
	11200.0000 - 11450.0000 MHz		N0N		CW
	11200.0000 - 11450.0000 MHz		1M25G7D		Digital Data Carrier
	11200.0000 - 11450.0000 MHz		5M00G7D		Digital Data Carrier
	11200.0000 - 11205.0000 MHz		1M20G7D		Digital Data Carrier
	10700.0000 - 10950.0000 MHz		312KG7D		Digital Data Carrier
	10700.0000 - 10950.0000 MHz		6K00G7D		Digital Data Carrier

10700.0000 - 10950.0000 MHz	N0N			CW
10700.0000 - 10950.0000 MHz	1M25G7D			Digital Data Carrier
10700.0000 - 10950.0000 MHz	5M00G7D			Digital Data Carrier
ANTENNA ID: L-band 1	0.35 meters	Viasat		Horn antenna
1646.5000 - 1660.5000 MHz	1M25G7D	9.00 dBW		Digital Data Carrier
1646.5000 - 1660.5000 MHz	625KG7D	9.00 dBW		Digital Data Carrier
1646.5000 - 1660.5000 MHz	312KG7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	1M25G7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	625KG7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	312KG7D	9.00 dBW		Digital Data Carrier
1545.0000 - 1559.0000 MHz	1M25G7D			Digital Data Carrier
1545.0000 - 1559.0000 MHz	625KG7D			Digital Data Carrier
1545.0000 - 1559.0000 MHz	312KG7D			Digital Data Carrier
1525.0000 - 1544.0000 MHz	1M25G7D			Digital Data Carrier
1525.0000 - 1544.0000 MHz	625KG7D			Digital Data Carrier
1525.0000 - 1544.0000 MHz	312KG7D			Digital Data Carrier
ANTENNA ID: L-band 2	0.35 meters	Viasat		Horn antenna
1646.5000 - 1660.5000 MHz	1M25G7D	9.00 dBW		Digital Data Carrier
1646.5000 - 1660.5000 MHz	625KG7D	9.00 dBW		Digital Data Carrier
1646.5000 - 1660.5000 MHz	312KG7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	1M25G7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	625KG7D	9.00 dBW		Digital Data Carrier
1626.5000 - 1645.5000 MHz	312KG7D	9.00 dBW		Digital Data Carrier
1545.0000 - 1559.0000 MHz	1M25G7D			Digital Data Carrier
1545.0000 - 1559.0000 MHz	625KG7D			Digital Data Carrier
1545.0000 - 1559.0000 MHz	312KG7D			Digital Data Carrier



1525.0000 - 1544.0000 MHz	1M25G7D		Digital Data Carrier
1525.0000 - 1544.0000 MHz	625KG7D		Digital Data Carrier
1525.0000 - 1544.0000 MHz	312KG7D		Digital Data Carrier
ANTENNA ID: 11.3M - 2	11.3 meters	Viasat	11.3 Meter
13248.0000 - 13250.0000 MHz	1M20G7D	85.00 dBW	Digital Data Carrier
13240.5000 - 13245.5000 MHz	N0N	85.00 dBW	CW
12780.0000 - 13140.0000 MHz	6K00G7D	32.26 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	312KG7D	60.00 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	N0N	71.20 dBW	CW
12780.0000 - 13140.0000 MHz	1M25G7D	71.20 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	5M00G7D	71.20 dBW	Digital Data Carrier
12750.0000 - 12752.0000 MHz	1M20G7D	85.00 dBW	Digital Data Carrier
11200.0000 - 11450.0000 MHz	312KG7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	6K00G7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	N0N		CW
11200.0000 - 11450.0000 MHz	1M25G7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	5M00G7D		Digital Data Carrier
11200.0000 - 11205.0000 MHz	1M20G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	312KG7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	6K00G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	N0N		CW
10700.0000 - 10950.0000 MHz	1M25G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	5M00G7D		Digital Data Carrier
11700.5000 - 11700.5000 MHz	138KGXD		Satellite Telemetry Channel
11701.0000 - 11700.1000 MHz	138KGXD		Satellite Telemetry Channel
14000.5000 - 14000.5000 MHz	700KF9D	85.00 dBW	Satellite Command Channel

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14499.5000 - 14499.5000 MHz	700KF9D	85.00 dBW	Satellite Command Channel
ANTENNA ID: 11.3M -1	11.3 meters	Viasat	11.3 Meter
13248.0000 - 13250.0000 MHz	1M20G7D	85.00 dBW	Digital Data Carrier
13240.5000 - 13245.5000 MHz	N0N	85.00 dBW	CW
12780.0000 - 13140.0000 MHz	6K00G7D	32.26 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	312KG7D	60.00 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	N0N	71.20 dBW	CW
12780.0000 - 13140.0000 MHz	1M25G7D	71.20 dBW	Digital Data Carrier
12780.0000 - 13140.0000 MHz	5M00G7D	71.20 dBW	Digital Data Carrier
12750.0000 - 12752.0000 MHz	1M20G7D	85.00 dBW	Digital Data Carrier
11200.0000 - 11450.0000 MHz	312KG7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	6K00G7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	N0N		CW
11200.0000 - 11450.0000 MHz	1M25G7D		Digital Data Carrier
11200.0000 - 11450.0000 MHz	5M00G7D		Digital Data Carrier
11200.0000 - 11205.0000 MHz	1M20G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	312KG7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	6K00G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	N0N		CW
10700.0000 - 10950.0000 MHz	1M25G7D		Digital Data Carrier
10700.0000 - 10950.0000 MHz	5M00G7D		Digital Data Carrier

**Points of Communication:**

Site 1 - MSAT-1 - (107.5)

Site 1 - MSAT-2 (AMSC-1) - (106.5 W.L.)

Site 1 - SKYTERRA 1 - (101.3 W.L.)

Site 1 - SKYTERRA 1 - (101.3 W.L.)

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**SES-REG-20180521-00875** E E180454 Leighton Enterprises, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1185 9th St. NE, Grand Forks, Thompson, ND

47 ° 50 ' 38.00 " N LAT.

97 ° 50 ' 38.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prime Focus P370FAE

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180801-03398** E E181991 CD Broadcasting, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: One

LOCATION: 1509 4th Street, NE, Franklin, Hampton, IA

42 ° 45 ' 23.10 " N LAT.

93 ° 12 ' 7.50 " W LONG.

ANTENNA ID: One 2.45 meters Unimesh 8 foot Mesh

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

**Points of Communication:**

One - PERMITTED LIST - ()

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**SES-REG-20180801-03399** E E181992 Harbit Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 414 E. Walnut Street (KNEM/KNMO Studio), Vernon, Nevada, MO

37 ° 50 ' 19.00 " N LAT.

94 ° 21 ' 7.00 " W LONG.

ANTENNA ID: One 3.8 meters Comtech 3800

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180801-03400** E E181993 MATRIX BROADCASTING LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: One

LOCATION: 8800 US Highway 14, McHenry, Crystal Lake, IL  
42 ° 15 ' 21.40 " N LAT.

88 ° 22 ' 7.20 " W LONG.

ANTENNA ID: One 3.8 meters DH 38DH1

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

**Points of Communication:**

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One - PERMITTED LIST - ()

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**SES-REG-20180801-03402** E E181995 Your Christian Companion Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: One

LOCATION: 9019 West Lane, San Joaquin, Stockton, CA  
38 ° 1 ' 48.00 " N LAT.

121 ° 17 ' 51.50 " W LONG.

ANTENNA ID: One 3 meters Unimesh 3000M

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

**Points of Communication:**

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One - PERMITTED LIST - ()

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**SES-REG-20180801-03403** E E181996 M.K.S. Broadcasting, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 804 Saint Joe Drive (KFMO), St. Francois, Park Hills, MO  
37 ° 51 ' 21.33 " N LAT.

90 ° 30 ' 15.00 " W LONG.

ANTENNA ID: One 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at varying data rates and FEC

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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180806-03413** E E182006 KRTV Communications, LLC

Registration

**Class of Station:** Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 3300 Old Havre Highway (KRTV Station), Cascade, Great Falls, MT  
47 ° 32 ' 8.30 " N LAT. 111 ° 17 ' 1.00 " W LONG.

ANTENNA ID:	Pathfire 1	3.7 meters	Patriot	PRT380	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	Sat 3	4.5 meters	DH Satellite	45DH160P	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	Fox	5.7 meters	Unknown	Unknown	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	ASC	5 meters	ASC	ASC 5.0	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	CNN	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data
ANTENNA ID:	CW	5 meters	DH Satellite	50DH160P	
	3700.0000 - 4200.0000 MHz		36M0G7F	0.00 dBW	Digital Video Audio and Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180807-03401** E E181994 Ventana Television, Inc.

Registration

**Class of Station:** Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1800 BRIARCLIFF RD, DEKALB, ATLANTA, GA  
33 ° 48 ' 25.44 " N LAT. 84 ° 20 ' 23.85 " W LONG.

ANTENNA ID:	ANT 1	3 meters	DH	30DH1
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3700.0000 - 4200.0000 MHz      36M0G7W      0.00 dBW      Modulation and Services Digital Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180807-03409**    E E182002    Ventana Television, Inc.

Registration

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:            1

LOCATION:            1318 Spratley Street, Portsmouth, Portsmouth, VA

36 ° 50 ' 40.00 " N LAT.

76 ° 18 ' 56.70 " W LONG.

ANTENNA ID:    ANT 1            3.8 meters      PATRIOT            PRT-380AZ

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03397**    E E181990    Comcast Cable Communications Management, LLC

Registration

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:            1

LOCATION:            3666 County Rd 300, Garfield, Battlement Mesa, CO

39 ° 25 ' 30.00 " N LAT.

108 ° 2 ' 7.00 " W LONG.

ANTENNA ID:    4M.            4 meters      Patriot            4 Meter

3700.0000 - 4200.0000 MHz      36M0G7W      Digital Video Carrier

ANTENNA ID:    4.6M.            4.6 meters      Scientific Atlanta      8346PF

3700.0000 - 4200.0000 MHz      36M0G7W      Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03404**    E E181997    Vyve Broadband J

Registration

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

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SITE ID: Waycross 1  
LOCATION: 126 Havanna Ave, Ware, Waycross, GA  
31 ° 12 ' 10.90 " N LAT. 82 ° 19 ' 39.40 " W LONG.

ANTENNA ID:	1	2.8 meters	Scientific Atlanta	9000
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	2	6 meters	Hughes	6m
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	3	5 meters	Scientific Atlanta	8126
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	4	3.8 meters	Hughes	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	5	4.2 meters	Hughes	4.2
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	6	4.6 meters	Scientific Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data

**Points of Communication:**

Waycross 1 - PERMITTED LIST - ()

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**SES-REG-20180809-03407** E E182000 Vyve Broadband J  
Registration  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 126 Havanna Ave (Waycross 2), Ware, Waycross, GA  
31 ° 12 ' 9.20 " N LAT. 82 ° 19 ' 40.00 " W LONG.

ANTENNA ID:	1	3.6 meters	DH Satellite	3.6m
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	2	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W 0.00 dBW	Digital video and data
ANTENNA ID:	3	4.5 meters	Scientific Atlanta	8345

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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and data
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03410** E E182003 Vyve Broadband J

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: Kinder Mountain Road, Jack, Jacksboro, TX

33 ° 4 ' 4.50 " N LAT.

98 ° 18 ' 5.30 " W LONG.

ANTENNA ID: 1	3.8 meters	Patriot	PRT-380
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and data
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ANTENNA ID: 2	3.8 meters	Prodelin	3.8m
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and data
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ANTENNA ID: 3	5 meters	Scientific Atlanta	8008
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and data
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03411** E E182004 Vyve Broadband J

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 510 Patterson St, Montague, Bowie, TX

33 ° 33 ' 32.30 " N LAT.

97 ° 49 ' 47.90 " W LONG.

ANTENNA ID: 1	3.8 meters	Patriot	PRT-380
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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital video and data
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03412** E E182005 Vyve Broadband J

Registration

**Class of Station:** Fixed Earth Stations



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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1501 W Mississippi St, Bryan, Durant, OK

33 ° 59 ' 23.90 " N LAT.

96 ° 23 ' 43.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot PRT-380

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video and data

ANTENNA ID: 2 3.6 meters Prodelin 3.6m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180809-03414** E E182007 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 6901 Roseville Road, Sacramento, Sacramento, CA

38 ° 41 ' 33.50 " N LAT.

121 ° 20 ' 44.40 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Scientific Atlanta 9037

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4.5M. 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180810-03842** E E190173 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: WLKY studio

LOCATION: 1918 Mellwood Avenue (WLKY), Jefferson, Louisville, KY

38 ° 15 ' 47.30 " N LAT.

85 ° 42 ' 35.20 " W LONG.

ANTENNA ID: Dish 3 5 meters Comtech 5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

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ANTENNA ID:	Dish 2	3.1 meters	Patriot	3.1 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 4	3.7 meters	AFC	PR-12
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 5	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 6	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 7 CBS	4.5 meters	EASI	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish8 MeTV	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**

WLKY studio - PERMITTED LIST - ()

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**SES-REG-20180810-03844** E E190175 Hearst Stations Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: KSBW Tower

LOCATION: 8 Freemont Peak (KSBW), Monterey, San Juan Bautista, CA  
 36 ° 45 ' 22.60 " N LAT. 121 ° 30 ' 8.00 " W LONG.

ANTENNA ID:	Freemont	3.8 meters	Patriot	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**

KSBW Tower - PERMITTED LIST - ()

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**SES-REG-20180810-03846** E E190177 Consolidated Communications Enterprise Services, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: Johnson2  
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA  
38 ° 57 ' 12.90 " N LAT. 94 ° 45 ' 34.20 " W LONG.

ANTENNA ID: Johnson2 4.2 meters DAWNco-DH D42F48-8PC-6.6  
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

**Points of Communication:**

Johnson2 - PERMITTED LIST - ()

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**SES-REG-20180810-03847** E E190178 Consolidated Communications Enterprise Services, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Johnson1  
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA  
38 ° 57 ' 12.90 " N LAT. 94 ° 45 ' 34.20 " W LONG.

ANTENNA ID: Johnson1 4.5 meters Scientific Atlanta 8345  
3700.0000 - 4200.0000 MHz 36M0G7W Analog and Digital Video

**Points of Communication:**

Johnson1 - PERMITTED LIST - ()

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**SES-REG-20180810-03856** E E190187 Elko Broadcasting Company

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: KELK Studio  
LOCATION: 1800 Idaho Street, Elko, Elko, NV  
40 ° 50 ' 36.60 " N LAT. 115 ° 45 ' 1.80 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta 9000  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data/Digital Audio

**Points of Communication:**

KELK Studio - PERMITTED LIST - ()

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**SES-REG-20180813-03406** E E181999 Noalmark Broadcasting Corp

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 619 N. Turner St. (Hobbs Site), Lea County, Hobbs, NM  
32 ° 42 ' 24.52 " N LAT. 103 ° 8 ' 11.67 " W LONG.

ANTENNA ID:	ANT1	3.7 meters	General Dynamics	1374	
	3700.0000 - 4200.0000 MHz		30M0G7W	0.00 dBW	Modulation and Services Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	0.00 dBW	Modulation and Services Analog Video with associated subcarriers

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180814-03879** E E190211 WVTM Hearst Television Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: WVTM studio  
LOCATION: 1732 Valley View Dr. (WVTM), Jefferson, Birmingham, AL  
33 ° 29 ' 27.30 " N LAT. 86 ° 47 ' 48.60 " W LONG.

ANTENNA ID:	Dish 1	4.5 meters	Patriot	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 2	4.5 meters	Patriot	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 3	3.1 meters	Patriot	3.1 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 4	3.1 meters	Patriot	3.1 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	Dish 5	3.1 meters	Patriot	3.1 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**

WVTM studio - PERMITTED LIST - ()

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**SES-REG-20180814-03882** E E190214 Franklin Telephone Co., Inc.

Registration

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: Site 1

LOCATION: 1094 Monroe Rd 1094 Monroe Rd, Mississippi, Bude, MS  
31 ° 27 ' 52.60 " N LAT. 90 ° 50 ' 4.60 " W LONG.

ANTENNA ID: ANT 1 4.5 meters unknown TVRO 4.5  
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

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**SES-REG-20180814-03884** E E190216 Consolidated Communications Enterprise Services, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: ColGr1

LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA  
40 ° 54 ' 54.02 " N LAT. 84 ° 3 ' 33.02 " W LONG.

ANTENNA ID: ColGr1 3.8 meters Patriot 3.8m  
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

**Points of Communication:**

ColGr1 - PERMITTED LIST - ()

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**SES-REG-20180814-03889** E E190221 WJCL Hearst Television LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: WJCL tower

LOCATION: 1698 Fort Argyle Rd (WJCL), Chatham, Savannah, GA  
32 ° 3 ' 29.40 " N LAT. 81 ° 20 ' 19.30 " W LONG.

ANTENNA ID: Dish TX-1 5 meters DH Satellite 5 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

WJCL tower - PERMITTED LIST - ()

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**SES-REG-20180816-03949** E E190257 ROBINSON CORPORATION

Registration

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID:

LOCATION: 132 NORTH PRAIRIE STREET, CRAWFORD, PRAIRIE DU CHIEN, WI  
43 ° 3 ' 9.40 " N LAT. 91 ° 8 ' 51.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH SATELLITE 37DH1  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Multiplex Carrier

**Points of Communication:**

- PERMITTED LIST - ()

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**SES-REG-20180816-03950** E E190255 East Texas Broadcasting, Inc

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1798 US Highway 67 W., Titus, Mt. Pleasant, TX  
33 ° 9 ' 53.10 " N LAT. 95 ° 0 ' 21.20 " W LONG.

ANTENNA ID: 1 3.5 meters unknown unknown  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

SITE ID: 2

LOCATION: 1798 US Highway 67 W., Titus, Mt. Pleasant, TX  
33 ° 9 ' 52.70 " N LAT. 95 ° 0 ' 19.70 " W LONG.

ANTENNA ID: 2 3 meters unknown unknown  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

SITE ID: 3

LOCATION: 928 Gilmer Road, Hopkins, Sulphur Springs, TX  
33 ° 7 ' 32.30 " N LAT. 95 ° 35 ' 51.90 " W LONG.

ANTENNA ID: 3 3.5 meters unknown unknown  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

SITE ID: 4

LOCATION: 2810 Pine Mill Road, Lamar, Paris, TX  
33 ° 39 ' 56.60 " N LAT. 95 ° 31 ' 29.20 " W LONG.

ANTENNA ID: 4 3 meters unknown unknown  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

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SITE ID: 5  
LOCATION: 2810 Pine Mill Road, Lamar, Paris, TX  
33 ° 39 ' 56.70 " N LAT. 95 ° 31 ' 29.30 " W LONG.

ANTENNA ID: 5 3 meters unknown unknown  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

**Points of Communication:**

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

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**SES-REG-20180816-03951** E E190256 Omni Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 2728 Williams Ave 101 Centre, Woodward, Woodward, OK  
36 ° 25 ' 11.80 " N LAT. 99 ° 23 ' 9.30 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 3.8M AZ/EL  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video for rebroadcast

ANTENNA ID: 2 3.8 meters Comtech 3.8 AZ/EL  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video for rebroadcast

ANTENNA ID: 3 3.2 meters Channel Master 6346  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio and Video for rebroadcast

**Points of Communication:**

- 1 - PERMITTED LIST - ()

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**SES-REG-20180816-04043** E E190349 Pensacola Christian College, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: Channel 44 Road, Baldwin, Elsanor, AL  
30 ° 35 ' 16.00 " N LAT. 87 ° 33 ' 13.00 " W LONG.

ANTENNA ID:	1	3 meters	GD SatCom	3.0M
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G3W	Digital / Analog carrier : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G3W	Digital / Analog carrier : various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180816-04053** E E190358 Pensacola Christian College, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 32033 124th Street, Mille Lacs, Princeton, MN  
45 ° 33 ' 10.00 " N LAT. 93 ° 34 ' 55.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Patriot	380
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G3W	Digital / Analog carrier : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G3W	Digital / Analog carrier : various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180817-03957** E E190263 KIRX Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service



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SITE ID: 1  
LOCATION: 1308 N. Baltimore, Adair, Kirksville, MO  
40 ° 12 ' 20.20 " N LAT. 92 ° 34 ' 29.50 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin Corporation 1385  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180818-04056** E E190361 All Classical Public Media, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 211 SE Caruthers, Suite 200, Multnomah, Portland, OR  
45 ° 30 ' 22.10 " N LAT. 122 ° 39 ' 50.50 " W LONG.

ANTENNA ID: 1 3.8 meters Dawnco D38F60-6.6  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and video signals

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180820-03958** E E190264 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1021 N. Wymore Road (WESH WKCF), Orange, Winter Park, FL  
28 ° 36 ' 41.90 " N LAT. 81 ° 23 ' 8.60 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 2 4.5 meters Patriot 4.5 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 3 4.5 meters Patriot 4.5 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 4 4.5 meters Dawn Co 4.5 meter

3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: 5	3.7 meters Dawn Co	3.7 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: 6	4.5 meters EASI	4.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data
ANTENNA ID: 7	3.7 meters Prodelin	3.7 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180820-03959** E E190265 Illiana Communications LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 399 Spelter Ave., Vermilion, Tilton, IL

40 ° 4 ' 36.89 " N LAT.

87 ° 38 ' 18.87 " W LONG.

ANTENNA ID: 1	2.8 meters	Scientific Atlanta	9000
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3700.0000 - 4200.0000 MHz	36M0G7W	Audio
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180820-03961** E E190267 ROBINSON CORPORATION

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: E7601A CTH SS, VERNON, VIROQUA, WI

43 ° 32 ' 5.00 " N LAT.

90 ° 52 ' 25.00 " W LONG.

ANTENNA ID: 1	3 meters	DH SATELLITE	30DH1
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
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ANTENNA ID: 2	3.7 meters	DH SATELLITE	37DH1
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Multiplex Carrier
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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180820-03962** E E190268 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 3010 Dill Rd (D#7) (WKCF), Orange, Bithlo, FL  
28 ° 35 ' 13.40 " N LAT.

81 ° 4 ' 54.60 " W LONG.

ANTENNA ID: 1 4.5 meters EASI 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180820-03963** E E190269 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4652 Brown Rd (WESH), Volusia, Christmas, FL  
28 ° 36 ' 36.00 " N LAT.

81 ° 3 ' 32.80 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180821-03396** E E181989 Cox Communications Louisiana, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 41107 Hwy 621, Ascension Parish, Gonzales, LA  
30 ° 16 ' 7.90 " N LAT.

90 ° 55 ' 5.20 " W LONG.

ANTENNA ID: 5.0M. 5 meters Andrew Corporation 8008

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180821-04007** E E190313 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: Woodcliff Rd. Fitzgerald Mtn., Washington, Springdale, AR  
36 ° 12 ' 13.70 " N LAT. 94 ° 6 ' 5.80 " W LONG.

ANTENNA ID:	1	3 meters	Channel Master	6346-6969
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180821-04044** E Community Radio Project

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2 East Main Street, Montezuma, Cortez, CO  
37 ° 20 ' 55.90 " N LAT. 108 ° 35 ' 13.70 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8M
	3700.0000 - 4200.0000 MHz	30K0G7W		Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz	36M0G3W		Digital / analog traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz	30K0G3W		Digital / analog traffic, various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-03971** E E190277 Emmis Radio License, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 40 Monument Circle, Suite 400, Marion, Indianapolis, IN  
39 ° 46 ' 4.00 " N LAT. 86 ° 9 ' 32.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8M
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G3W	Digital / analog traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G3W	Digital / analog traffic, various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-03972** E E190278 Emmis Radio License, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Perry Worth Road, Boone, Whitestown, IN  
39 ° 57 ' 24.00 " N LAT. 86 ° 21 ' 35.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8M
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0G3W	Digital / analog traffic, various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30K0G3W	Digital / analog traffic, various FEC, data rates and modulation

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04006** E E190312 VCY America Inc

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 2712 W. Vliet Street, Milwaukee, Milwaukee, WI  
43 ° 2 ' 56.63 " N LAT. 87 ° 56 ' 54.34 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39  
3700.0000 - 4200.0000 MHz 30M0G7W Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04008** E E190314 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1045 Steele Hill Rd., Tuscarawas, New Philadelphia, OH  
40 ° 28 ' 58.20 " N LAT. 81 ° 28 ' 33.80 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04039** E E190345 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 370 Clifty Road, Franklin, Frankfort, KY  
38 ° 12 ' 45.50 " N LAT. 84 ° 53 ' 6.90 " W LONG.

ANTENNA ID: 1 3 meters Channel Master 6346-6969  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04045** E E190350 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 1240 N. Thornton St., Curry, Clovis, NM  
34 ° 26 ' 20.00 " N LAT. 103 ° 12 ' 40.20 " W LONG.

ANTENNA ID: 1 3 meters Channel Master 6346-6969  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04046** E E190351 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 22476 Front St., Accomack, Accomac, VA  
37 ° 43 ' 2.50 " N LAT. 75 ° 40 ' 58.30 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 1304-990  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180822-04049** E E190354 Bible Broadcasting Network, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Shady Grove Moss Rd. (MS17819-A), Jones, Laurel, MS  
31 ° 46 ' 51.80 " N LAT. 89 ° 9 ' 35.80 " W LONG.

ANTENNA ID: 1 3 meters Channel Master 6346-6969  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital audio and data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03983** E E190289 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 7201 E. Hillsborough Ave. (WMOR-TV), Hillsborough, Tampa, FL  
27 ° 59 ' 43.00 " N LAT. 82 ° 22 ' 26.30 " W LONG.

ANTENNA ID:	1	5 meters	DH Satellite	D50MAE
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	2	5 meters	Comtech	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	3	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	4	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	5	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	6	4 meters	Universal	4 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	7	3.7 meters	DH Satellite	D37P-MD
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03984** E E190290 WYFF Hearst Television Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 505 Hemlock Trail (WYFF), Greenville, Cleveland, SC  
35 ° 6 ' 42.40 " N LAT. 82 ° 36 ' 22.40 " W LONG.

ANTENNA ID:	1	3.7 meters	DH Satellite	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**



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1 - PERMITTED LIST - ()

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**SES-REG-20180823-03985** E E190291 WYFF Hearst Television Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 505 Rutherford Street (WYFF), Greenville, Greenville, SC  
34 ° 51 ' 58.40 " N LAT. 82 ° 24 ' 17.60 " W LONG.

ANTENNA ID: 1 5 meters DH Satellite 5 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 2 6.1 meters Vertex 6.1 KXC  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

SITE ID: 2

LOCATION: 505 Rutherford Street (WYFF), Greenville, Greenville, SC  
34 ° 51 ' 58.40 " N LAT. 82 ° 24 ' 20.80 " W LONG.

ANTENNA ID: 3 3.7 meters DH Satellite 3.7 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 4 3 meters DH Satellite 3 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 5 4.5 meters Patriot 4.5 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

ANTENNA ID: 6 3.7 meters DH Satellite 3.7 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

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**SES-REG-20180823-03986** E E190292 Hearst Properties Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 3 Grandview Road (WMUR-TV), Hillsborough, Goffstown, NH  
42 ° 59 ' 0.90 " N LAT. 71 ° 35 ' 23.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Satellite 3.8 meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03987** E E190293 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 16.89 " N LAT. 83 ° 42 ' 27.00 " W LONG.

ANTENNA ID: 1 4.5 meters S/A 8345  
3720.0000 - 4200.0000 MHz 10M0G7W digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03988** E E190294 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 16.32 " N LAT. 83 ° 42 ' 26.75 " W LONG.

ANTENNA ID: 1 4.5 meters S/A 8345  
3720.0000 - 4200.0000 MHz 10M0G7W digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03989** E E190295 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 14.89 " N LAT. 83 ° 42 ' 24.92 " W LONG.

ANTENNA ID: 1 4.5 meters S/A 8345  
3720.0000 - 4200.0000 MHz 10M0G7W 0.00 dBW digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03990** E E190296 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 14.89 " N LAT. 83 ° 42 ' 24.92 " W LONG.

ANTENNA ID: 1 4.5 meters S/A 8345  
3720.0000 - 4200.0000 MHz 10M0G7W 0.00 dBW digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03991** E E190297 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 14.89 " N LAT. 83 ° 42 ' 24.92 " W LONG.

ANTENNA ID: 1 4.5 meters DH Antenna 8345  
3720.0000 - 4200.0000 MHz 10M0G7W 0.00 dBW digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03993** E E190299 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Michigan, Petersburg, MI  
41 ° 53 ' 14.89 " N LAT. 83 ° 42 ' 24.92 " W LONG.

ANTENNA ID: 1 3.8 meters patroit AZe1  
3720.0000 - 4200.0000 MHz 10M0G7W 0.00 dBW digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180823-03994** E E190304 D&P Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 4200 Teal Rd. 4200 Teal Rd., Monroe, Petersburg, MI  
41 ° 53 ' 14.89 " N LAT. 83 ° 42 ' 24.92 " W LONG.

ANTENNA ID: 1 5 meters D/H 934D0015.G2  
3720.0000 - 4200.0000 MHz 10M0G7W digital audio and video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180824-03997** E E190301 WISN Hearst Television Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 5201 N Milwaukee River Parkway (WISN-TV), Milwaukee, Milwaukee, WI  
43 ° 6 ' 42.10 " N LAT. 87 ° 55 ' 43.70 " W LONG.

ANTENNA ID: 1 7.3 meters Andrew ESA73-46  
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180824-03998** E E190302 WISN Hearst Television Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 759 N. 19th Street (WISN-TV), Milwaukee, Milwaukee, WI  
 43 ° 2 ' 23.70 " N LAT. 87 ° 56 ' 14.20 " W LONG.

ANTENNA ID:	1	5.5 meters	SatCom	551CF
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	2	4.5 meters	ViaSat	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	3	4.5 meters	ViaSat	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	4	4.5 meters	ViaSat	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45-4A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	6	4.5 meters	Andrew	ESA45-4A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

SITE ID: 2  
 LOCATION: 759 N. 19th Street (WISN-TV), Milwaukee, Milwaukee, WI  
 43 ° 2 ' 24.40 " N LAT. 87 ° 56 ' 17.10 " W LONG.

ANTENNA ID:	7	3.7 meters	DH Satellite	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	8	3.7 meters	DH Satellite	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	9	3.7 meters	DH Satellite	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data
ANTENNA ID:	10	3.7 meters	DH Satellite	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital video, audio, data

**Points of Communication:**

1 - PERMITTED LIST - ()

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2 - PERMITTED LIST - ()

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**SES-REG-20180824-04000** E E190306 Gray Television Licensee, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4141 East 29th Street, Bryan, TX

30 ° 38 ' 34.07 " N LAT.

96 ° 19 ' 50.03 " W LONG.

ANTENNA ID: 1 6 meters Scientific Atlanta 8010CM

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 4.5 meters Scientific Atlanta 8346

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 3 4.6 meters Scientific Atlanta 8346

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 4 3.8 meters Andrew 3.8 Meter Azimuth

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 5 4.6 meters Andrew 4.6 Meter Steerable

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 6 4.6 meters Andrew 4.6 Meter Steerable

3700.0000 - 4200.0000 MHz 36M0G7W

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180824-04001** E E190307 GBT Communications, Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 103 Lincoln St, Rush, Rush Center, KS

38 ° 28 ' 7.11 " N LAT.

99 ° 10 ' 35.11 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta SA 8345

3700.0000 - 4200.0000 MHz 36M07GD video

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ANTENNA ID:	2	3.7 meters	Prodelin	na
	3700.0000 - 4200.0000 MHz		36M07GD	Video
ANTENNA ID:	3	3 meters	Patriot	na
	3700.0000 - 4200.0000 MHz		36M07GD	Video
ANTENNA ID:	4	4.5 meters	Unknown	na
	3700.0000 - 4200.0000 MHz		36M07GD	Video
ANTENNA ID:	5	3 meters	Channel Master	na
	3700.0000 - 4200.0000 MHz		36M07GD	Video
ANTENNA ID:	6	3.7 meters	Patriot	na
	3700.0000 - 4200.0000 MHz		36M07GD	Video
ANTENNA ID:	7	4.5 meters	Scientific Atlanta	SA 8345
	3700.0000 - 4200.0000 MHz		36M07GD	video
ANTENNA ID:	8	3.7 meters	Patriot	na
	3700.0000 - 4200.0000 MHz		36M07GD	video
ANTENNA ID:	9	4.6 meters	Scientific Atlanta	8005
	3700.0000 - 4200.0000 MHz		36M07GD	video
ANTENNA ID:	10	3 meters	Patriot	na
	3700.0000 - 4200.0000 MHz		36M07GD	video
ANTENNA ID:	11	3.7 meters	Patriot	na
	3700.0000 - 4200.0000 MHz		36M07GD	video

**Points of Communication:**

1 - SES-1 (S2807) - (101.0 W.L.)

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**SES-REG-20180824-04009** E E190315 University of Central Missouri  
 Registration  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 203 East Clark St., Johnson, Warrensburg, MO  
38 ° 45 ' 20.80 " N LAT. 93 ° 45 ' 19.10 " W LONG.

ANTENNA ID: 1 5 meters Comtech Antenna Systems Inc. 5 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180827-04004** E E190310 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 8251 N Cortaro Rd, Pima, Tucson, AZ  
32 ° 21 ' 26.60 " N LAT. 111 ° 5 ' 38.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot Motorized Patriot  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180827-04005** E E190311 Comcast Cable Communications Management, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1808 S. 1st St., Logan, Tuumcari, NM  
35 ° 9 ' 41.00 " N LAT. 103 ° 43 ' 27.00 " W LONG.

ANTENNA ID: 1 4 meters Comtech 4 Meters  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 4 meters Andrews 4 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 4 meters Casigrain 4 Meter  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 4 meters Patriot 4 Meter



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3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180829-04012** E E190318 Detroit Classical and Jazz Educational Radio LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 20931 Meyers, Oakland, Oak Park, MI

42 ° 26 ' 51.40 " N LAT.

83 ° 10 ' 21.10 " W LONG.

ANTENNA ID: 1

3.7 meters

DH Satellite

DH-37AE

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Video, Audio, and Data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180829-04051** E E190356 University of Indianapolis

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1400 E Hanna Ave, Marion, Indianapolis, IN

39 ° 42 ' 31.90 " N LAT.

86 ° 8 ' 7.20 " W LONG.

ANTENNA ID: 1

3.8 meters

DH

3.8 meter

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180830-04054** E E190359 Eastern Florida State College

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1519 Clearlake Rd., Brevard, Cocoa, FL

28 ° 23 ' 1.00 " N LAT.

80 ° 45 ' 33.10 " W LONG.

ANTENNA ID: 1

5 meters

DH

50DH1

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3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video
ANTENNA ID: 2	3 meters	DH	30DH1
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20181001-03659</b>	E E190047	KLTV/KTRE License Subsidiary, LLC	
Registration			
<b>Class of Station:</b>	Fixed Earth Stations		
<b>Nature of Service:</b>	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	358 TV Road (KTRE Studio), Angelina, Pollok, TX		
	31 ° 25 ' 8.50 " N LAT.		94 ° 48 ' 3.30 " W LONG.
ANTENNA ID: ABC BU	4.5 meters	Andrew	ESA45T
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: Telemundo	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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<b>SES-REG-20181002-03655</b>	E E190043	WAVE License Subsidiary, LLC	
Registration			
<b>Class of Station:</b>	Fixed Earth Stations		
<b>Nature of Service:</b>	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	725 South Floyd St, Jefferson, Louisville, KY		
	38 ° 14 ' 38.80 " N LAT.		85 ° 44 ' 55.90 " W LONG.
ANTENNA ID: RX2	3.7 meters	DH	37DH1
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 4.5M	4.5 meters	Andrew Corporation	4.5M
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: RX3	3.8 meters	DH	38DH1
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

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ANTENNA ID:	RX4	3.7 meters	DH	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20181004-03658** E E190046 KFDA/KEYU License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 7900 Broadway Drive, Potter, Amarillo, TX

35 ° 17 ' 33.30 " N LAT.

101 ° 50 ' 53.00 " W LONG.

ANTENNA ID:	F2	7.3 meters	Andrew	ESA 7.3
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	F4,F6,F7	5 meters	DH	50DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	F5	3.7 meters	DH	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	B6	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	B5	2.8 meters	Scientific Atlanta	9000
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	B4	3 meters	DH	30DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	B3	2.4 meters	Prodelin	1241
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	B1	3 meters	Prodelin	1304
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20181006-03656** E E190044 WVUE License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1025 S Jefferson Davis Parkway, Orleans, New Orleans, LA  
29 ° 57 ' 38.30 " N LAT. 90 ° 6 ' 10.50 " W LONG.

ANTENNA ID:	5M.	5 meters	Patriot	5.0 Commercial
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	CY1 & CY2	4.5 meters	EASi	EASi4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	CY3	4.5 meters	SSE	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	ParkingLot	4.5 meters	SSE	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	Fox Lower	4.5 meters	ASC Signal	ES45P-1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	Bounce	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20181006-03657** E E190045 WBTV License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: One Julian Price Place, Mecklenburg, Charlotte, NC  
35 ° 13 ' 33.70 " N LAT. 80 ° 52 ' 20.70 " W LONG.

ANTENNA ID:	ANT24	10 meters	Scientific Atlanta	8015
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

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ANTENNA ID:	ANT21&22	7 meters	Scientific Atlanta	8010C
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	ANT23	6 meters	Scientific Atlanta	8060
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	ANT25	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	ANT27	4.5 meters	Andrew	ESA45MPJ
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20180515-00633** E E140121 Intelsat License LLC  
Special Temporary Authority  
**Class of Station:**

Intelsat License LLC requests special temporary authority for 180 days to operate its fixed earth station in Mountainside, MD to provide telemetry, tracking and command (TT&C) services for the Intelsat 9 (S2380) satellite as it drifts from the 29.5° W.L. orbital location to the 66.15° E.L. orbital location in the 14.0005 GHz and 14.4945 GHz (Earth-to-space), and 11.7005 GHz and 11.7020 GHz (space-to-Earth) frequency bands.

**Points of Communication:**

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