



# PUBLIC NOTICE

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

News media information 202-418-0500  
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Report No. SES-02147

Wednesday March 27, 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-ASG-20190311-00280** E E940205 Escambia County School District  
Application for Consent to Assignment  
**Current Licensee:** Escambia County School District  
**FROM:** ESCAMBIA COUNTY SCHOOL DISTRICT  
**TO:** District Board of Trustees of Pensacola State College, Florida

No. of Station(s) listed: 1

**SES-ASG-20190318-00341** E E090152 Petrobras America, Inc.  
Application for Consent to Assignment  
**Current Licensee:** Petrobras America, Inc.  
**FROM:** Petrobras America, Inc.  
**TO:** Murphy Exploration & Production Company - USA

No. of Station(s) listed: 2

**SES-LIC-20181011-03803** E E190106 Educational Media Foundation  
Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 5700 West Oaks Blvd. (Revised), Placer, Rocklin, CA  
38 ° 48 ' 56.70 " N LAT. 121 ° 16 ' 41.40 " W LONG.

<b>ANTENNA ID:</b> (Revised)	4.5 meters	ASC / Andrew SIGNAL CORPORATION	ES45T-HW-1
3700.0000 - 4200.0000 MHz	100KG7W		Digital modulation of media content at varying data rates and FEC rates.
3700.0000 - 4200.0000 MHz	2M67G7W		Digital modulation of media content at varying data rates and FEC rates.

5925.0000 - 5930.2000 MHz	100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6019.5000 - 6024.1500 MHz	100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6044.1500 - 6108.1000 MHz	100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6137.7500 - 6211.8900 MHz	100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
6301.1900 - 6425.0000 MHz	100KG7W	45.35 dBW	Digital modulation of media content at varying data rates and FEC rates.
5925.0000 - 5930.2000 MHz	2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6019.5000 - 6024.1500 MHz	2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6044.1500 - 6108.1000 MHz	2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6137.7500 - 6211.8900 MHz	2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.
6301.1900 - 6425.0000 MHz	2M67G7W	59.61 dBW	Digital modulation of media content at varying data rates and FEC rates.

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-LIC-20190312-00333** E E190108 WML Services, LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 820 First Street, N.W., Washington, DC

38 ° 54 ' 1.60 " N LAT.

77 ° 0 ' 29.40 " W LONG.

**ANTENNA ID:** Antenna 01 4.5 meters Scientific Atlanta 8345

11700.0000 - 12200.0000 MHz 36M0G7F 0.00 dBW 8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz 36M0G7F 68.30 dBW 8PSK, QPSK, digital video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01269** E E000381 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Waco, TX to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 8803 WOODWAY DRIVE, MC LELLAN, WACO, TX

31 ° 29 ' 58.60 " N LAT.

97 ° 13 ' 6.30 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01270** E E100163 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Houston, TX to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 4261 SOUTHWEST FREEWAY, HARRIS, HOUSTON, TX

29 ° 43 ' 44.70 " N LAT.

95 ° 26 ' 50.90 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01271** E E070200 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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Fox Broadcasting Company requests modification of its fixed earth station in Charlottesville, VA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 999 2ND STREET S.E. (WAHU), ALBEMARLE, CHARLOTTESVILLE, VA  
38 ° 1 ' 25.30 " N LAT. 78 ° 29 ' 2.90 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01272** E E100156 Fox Broadcasting Company  
Application for Modification  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Bristol, VA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 101 LEE STREET, WASHINGTON, BRISTOL, VA  
36 ° 35 ' 45.00 " N LAT. 82 ° 10 ' 53.50 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01273** E E000391 Fox Broadcasting Company  
Application for Modification  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Richmond, VA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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.

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SITE ID: 1  
LOCATION: 1925 WESTMORELAND STREET, HENRICO, RICHMOND, VA  
37 ° 34 ' 47.10 " N LAT. 77 ° 29 ' 10.00 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01274** E E000387 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Salt Lake City, UT to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 5020 W. AMELIA EARHART DRIVE, SALT LAKE, SALT LAKE CITY, UT  
40 ° 46 ' 37.80 " N LAT. 112 ° 0 ' 42.80 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01275** E E100162 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Laredo, TX to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 222 BOB BULLOCK ROAD, WEBB, LAREDO, TX  
27 ° 30 ' 1.80 " N LAT. 99 ° 25 ' 57.90 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
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3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01276** E E070204 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Harrisonburg, VA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 50 NORTH MAIN STREET (WHSV), ROCKINGHAM, HARRISONBURG, VA  
 38 ° 27 ' 0.30 " N LAT. 78 ° 52 ' 5.20 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates	
3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier	

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01277** E E000426 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in San Antonio, TX to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, 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: 4335 NORTH WEST LOOP 410, BEXAR, SAN ANTONIO, TX  
 29 ° 29 ' 25.80 " N LAT. 98 ° 34 ' 10.80 " W LONG.

ANTENNA ID: 4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
3700.0000 - 4200.0000 MHz	36M0G7F	Digital traffic, various FEC, modulations and data rates	
3700.0000 - 4200.0000 MHz	36M0F8F	Video Carrier	

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**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01289** E E000477 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Cadillac, MI to change the existing antenna to a 4.5-meter, add a second 4.5-meter antenna, and change 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: 1 BROADCAST WAY, WEXFORD, CADILLAC, MI  
44 ° 13 ' 37.10 " N LAT. 85 ° 22 ' 30.20 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01290** E E100148 Fox Broadcasting Company

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Secaucus, NJ to change the existing antenna to a 4.5-meter, add a second 4.5-meter antenna, and change 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: 9 BROADCAST PLAZA, HUDSON, SECAUCUS, NJ  
40 ° 47 ' 43.10 " N LAT. 74 ° 4 ' 11.30 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20181017-03449** E E910561 GlobeCast America Incorporated

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

GlobeCast America Incorporated requests modification of its fixed earth station in Culver City, CA that currently operates with Permitted list satellites in the 5925-6425 MHz (Earth-to space) and 3700-4200 MHz (space-to-Earth) frequency bands to additional receive-only antennas in the 3700-4200 MHz (space-to-Earth) frequency band and to update the site coordinates.

**SITE ID:** 1

**LOCATION:** 10525 W. WASHINGTON BLVD., LOS ANGELES, CULVER CITY, CA

34 ° 1 ' 4.60 " N LAT.

118 ° 24 ' 15.90 " W LONG.

**ANTENNA ID:** 1 3.7 meters ANDREW ES37K-C

5925.0000 - 6425.0000 MHz 614KG7D 65.30 dBW

5925.0000 - 6425.0000 MHz 1M23G7D 65.30 dBW

5925.0000 - 6425.0000 MHz 9M00G7F 65.30 dBW

3700.0000 - 4200.0000 MHz

**ANTENNA ID:** 3.0M. 3 meters GD SATCOM 3 METER

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

**ANTENNA ID:** 4.5M. 4.5 meters PATRIOT 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

**Points of Communication:**

1 - ANIK E1 - (118.7 W.L.)

1 - ANIK E2 - (111.1 W.L.)

1 - ANIK F1(S2745) - (107.3 W.L.)

1 - PERMITTED LIST - ()

1 - SATMEX-5 - (116.8 W.L.)

1 - SOLIDARIDAD F-2 - (113.0 W.L.)

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**SES-MOD-20181105-03445** E E950499 DG Consents Sub, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

DG Consents Sub, Inc. requests modification of its current authorization to add a ViaSat 5.4m V8X-Y antenna to operate within the limits currently authorized for this station.



SITE ID: 1  
 LOCATION: 3 MILE, CHENA HOT SPRINGS ROAD, NORTH STAR, FAIRBANKS, AK  
 64 ° 53 ' 26.00 " N LAT. 147 ° 31 ' 44.00 " W LONG.

ANTENNA ID:	1	7.3 meters	DATRON/TRANSCO	8300
	8025.0000 - 8345.0000 MHz		370MG1D	QPSK, DATA
	8393.9705 - 8394.0295 MHz		59K7G1D	QPSK, TELEMETRY
	8385.9400 - 8386.0600 MHz		120KG1D	QPSK, TELEMETRY
	8380.0000 - 8380.0000 MHz		5M80G7D	DIGITAL/TELEMETRY
	8345.9680 - 8346.0320 MHz		64K0G1D	IMAGE DATA
	8135.0000 - 8285.0000 MHz		150MG1D	QPSK, DATA
	8030.0000 - 8030.0000 MHz		4M00G7D	0.00 dBW Telemetry
	8025.0000 - 8400.0000 MHz		375MG7D	DIGITAL/DATA/DOWNLINK
	8025.0000 - 8345.0000 MHz		320MG7D	0.00 dBW DATA
	2094.8960 - 2094.8960 MHz		250KFXD	48.00 dBW TT&C
	2094.8960 - 2094.8960 MHz		1M32G1D	51.00 dBW DIGITAL/TT&C
	2092.6000 - 2092.6000 MHz		NON	51.00 dBW UNMODULATED CARRIER
	2092.6000 - 2092.6000 MHz		1M32G1D	51.00 dBW BPSK (TT&C)
	2085.6875 - 2085.6875 MHz		250KFXD	48.00 dBW TT&C
	2085.6875 - 2085.6875 MHz		1M32G1D	51.00 dBW DIGITAL/TT&C
	2052.0000 - 2052.0000 MHz		NON	51.00 dBW UNMODULATED CARRIER
	2052.0000 - 2052.0000 MHz		68K0G2D	51.00 dBW BPSK (TT&C)
	2052.0000 - 2052.0000 MHz		1M32G1D	51.00 dBW BPSK (TT&C)
	2042.0000 - 2042.0000 MHz		NON	51.00 dBW UNMODULATED CARRIER
	2042.0000 - 2042.0000 MHz		68K0G2D	51.00 dBW BPSK (TT&C)

ANTENNA ID:	2	5.4 meters	VIASAT	V8X-Y
	2094.8960 - 2094.8960 MHz		1M32G1D	53.60 dBW DIGITAL/TT&C
	2085.6875 - 2085.6875 MHz		1M32G1D	53.60 dBW DIGITAL/TT&C

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2092.6000 - 2092.6000 MHz	NON	53.60 dBW	UNMODULATED CARRIER
2092.6000 - 2092.6000 MHz	1M32G1D	53.60 dBW	BPSK (TT&C)
2052.0000 - 2052.0000 MHz	NON	53.60 dBW	UNMODULATED CARRIER
2042.0000 - 2042.0000 MHz	NON	53.60 dBW	UNMODULATED CARRIER
2094.8960 - 2094.8960 MHz	250KFXD	53.60 dBW	TT&C
2085.6875 - 2085.6875 MHz	250KFXD	53.60 dBW	TT&C
2052.0000 - 2052.0000 MHz	68K0G2D	53.60 dBW	BPSK (TT&C)
2052.0000 - 2052.0000 MHz	1M32G1D	53.60 dBW	BPSK (TT&C)
2042.0000 - 2042.0000 MHz	68K0G2D	53.60 dBW	BPSK (TT&C)
8393.9705 - 8394.0295 MHz	59K7G1D		QPSK, TELEMETRY
8385.9400 - 8386.0600 MHz	120KG1D		QPSK, TELEMETRY
8025.0000 - 8400.0000 MHz	375MG7D		DIGITAL/DATA/DOWNLINK
8345.9680 - 8346.0320 MHz	64K0G1D		IMAGE DATA
8380.0000 - 8380.0000 MHz	5M80G7D		DIGITAL/TELEMETRY
8135.0000 - 8285.0000 MHz	150MG1D		QPSK, DATA
8025.0000 - 8395.0000 MHz	370MG1D		QPSK, DATA
8030.0000 - 8030.0000 MHz	4M00G7D		Telemetry
8025.0000 - 8345.0000 MHz	320MG7D		DATA

**Points of Communication:**

- 1 - GeoEye 1 (S2348) - (NGSO)
  - 1 - GeoEye 2 (S2348) - (NGSO)
  - 1 - IKONOS (S2144) - (NGSO)
  - 1 - QUICKBIRD 1 - (NGSO)
  - 1 - WORLDVIEW-1(S2129) - (NGSO)
  - 1 - WORLDVIEW-2(S2129) - (NGSO)
  - 1 - WORLDVIEW-3 (S2129) - (NGSO)
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**SES-MOD-20181209-03440** E E181298 UltiSat, Inc.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Earth Station Aboard Aircraft, Fixed Satellite Service, Mobile Satellite Service

UltiSat, Inc. request modification of its existing Ku-band earth stations aboard aircraft (ESAA) blanket license (Call Sign E181298) to add 250 SkyTech Model BB30Ku terminals to operate with U.S.-licensed satellites and non-U.S. licensed satellites on the Permitted List in the 14.0-14.5 GHz (Earth-to-space) and 10.95-11.2 GHz, 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 708 Quince Orchard Rd., Suite 120, Montgomery, Gaithersburg, MD

ANTENNA ID:	1	0.45 meters	SkyTech	BB45
	14000.0000 - 14500.0000 MHz	20M0G7W	46.70 dBW	BPSK, QPSK
	11700.0000 - 12200.0000 MHz	30M0G7W		BPSK, QPSK
	11450.0000 - 11700.0000 MHz	30M0G7W		BPSK, QPSK
	10950.0000 - 11200.0000 MHz	30M0G7W		BPSK, QPSK
ANTENNA ID:	2	0.3 meters	SKYTECH	BB30
	14000.0000 - 14500.0000 MHz	20M0G7W	43.50 dBW	BPSK, QPSK
	11700.0000 - 12200.0000 MHz	30M0G7W		BPSK, QPSK
	11450.0000 - 11700.0000 MHz	30M0G7W		BPSK, QPSK
	10950.0000 - 11200.0000 MHz	30M0G7W		BPSK, QPSK

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180712-02113** E E181317 BONNEVILLE POWER ADMINISTRATION

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID:

LOCATION: 905 NE 11th Ave., Multnomah, Portland, OR

45 ° 31 ' 44.60 " N LAT.

122 ° 31 ' 19.12 " W LONG.

ANTENNA ID:	HQ	3 meters	AFC	3m Parabolic Dish
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	DIGITAL

SITE ID: BPA Munro

LOCATION: 2410 E Hawthorne Rd., Spokane, Spokane, WA

47 ° 44 ' 58.80 " N LAT.

117 ° 22 ' 51.63 " W LONG.

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ANTENNA ID: Munro                    3 meters                    AFC    3m Parabolic Dish  
3700.0000 - 4200.0000 MHz                    36M0G7W                    0.00 dBW                    DIGITAL

**Points of Communication:**

BPA Munro - GALAXY 28 (S2160) - (89.0 W.L.)

BPA Munro - GALAXY 28 (S2160) - (89.0 W.L.)

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**SES-REG-20180716-02028**    E E181264    CCI SYSTEMS, INC.

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

SITE ID:                    1

LOCATION:                    8809 M117, Engadine, MI

46 ° 12 ' 31.32 " N LAT.

85 ° 35 ' 43.80 " W LONG.

ANTENNA ID:    TBD                    3.7 meters

3700.0000 - 4200.0000 MHz                    36M0G7W                    DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180716-02029**    E E181265    CCI SYSTEMS, INC.

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

SITE ID:                    1

LOCATION:                    11514 S Railroad St, Solon Springs, WI

46 ° 20 ' 31.92 " N LAT.

91 ° 49 ' 15.96 " W LONG.

ANTENNA ID:    TBD                    3.8 meters

3700.0000 - 4200.0000 MHz                    36M0G7W                    DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180717-02452**    E E181569    Sinclair Television of Fresno, LLC

Registration

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

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SITE ID: 1  
LOCATION: 49 Old Hickory Lane, Cambia, Johnstown, PA  
40 ° 17 ' 42.00 " N LAT. 78 ° 56 ' 13.00 " W LONG.

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180717-02480** E E181594 Mashell Telecom, Inc. d/b/a Rainier Connect  
Registration  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 5228 Tanwax Blvd, Pierce, Eatonville, WA  
46 ° 55 ' 45.40 " N LAT. 122 ° 21 ' 30.90 " W LONG.

ANTENNA ID: 1 4.5 meters SA 8345  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180718-02486** E E181600 Catholic Broadcasting of Scranton, Inc.  
Registration  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 330 Wyoming Ave, Lackawanna, Scranton, PA  
41 ° 24 ' 38.00 " N LAT. 75 ° 39 ' 44.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1375-990  
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, Video

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180719-02387** E E181507 Salem Communications Holding Corporation  
Registration  
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 16925 BLACK ROCK ROAD, MONTGOMERY, GERMANTOWN, MD  
39 ° 8 ' 4.50 " N LAT. 77 ° 18 ' 13.30 " W LONG.

ANTENNA ID: 3.7Vi 3.7 meters Viking Satcom 1374-990  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180719-02388** E E181508 Salem Communications Holding Corporation

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: N of Clay Road at Noses Creek, Fulton, NOSES CREEK, GA  
33 ° 50 ' 49.20 " N LAT. 84 ° 38 ' 41.30 " W LONG.

ANTENNA ID: 3.7Pr 3.7 meters Prodelin 1374-990  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180719-02390** E E181510 Salem Communications Holding Corporation

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 415 N. MCKINLEY STREET, SUITE 700, PULASKI, LITTLE ROCK, AR  
34 ° 45 ' 20.00 " N LAT. 92 ° 20 ' 40.00 " 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:**

1 - PERMITTED LIST - ()

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**SES-REG-20180719-02391** E E181511 Salem Communications Holding Corporation

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: 935 Lilac Drive, HENNEPIN, NORTH GOLDEN VALLEY, MN  
44 ° 59 ' 19.00 " N LAT. 93 ° 21 ' 4.00 " W LONG.

ANTENNA ID: 3.8Co 3.8 meters Comtech 934D0015-G2  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180723-02371** E E181487 Western Kentucky University

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 18794 Henderson Rd (WKPB), Henderson, Owensboro, KY  
37 ° 51 ' 6.60 " N LAT. 87 ° 19 ' 44.00 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter  
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180723-02372** E E181488 Western Kentucky University

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 100 Tower Rd (WDCL), Adair, Columbia, KY  
37 ° 9 ' 32.00 " N LAT. 85 ° 9 ' 46.10 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter  
3700.0000 - 4200.0000 MHz 10M3G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180723-02373** E E181489 Western Kentucky University

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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SITE ID: 1  
LOCATION: Pear Orchard Rd NW (WKUE), Hardin, Elizabethtown, KY  
37 ° 44 ' 41.90 " N LAT. 85 ° 53 ' 20.90 " W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter  
3700.0000 - 4200.0000 MHz 10M3G7W

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180727-02374** E E181490 MID-WEST MANAGEMENT

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 944 Harlem St., Eau Claire, Altoona, WI  
44 ° 48 ' 0.90 " N LAT. 91 ° 27 ' 56.90 " W LONG.

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

ANTENNA ID: 2 3.7 meters Patriot 3.7M  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 3 4.5 meters DH Satellite 4.5M  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20180810-02375** E E181491 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA  
32 ° 48 ' 39.20 " N LAT. 116 ° 58 ' 43.70 " W LONG.

ANTENNA ID: 5.0SC 5 meters SCIENTIFIC-ATLANTA, INC 8008 5.0 METER  
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**



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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02376** E E181492 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA

32 ° 48 ' 38.00 " N LAT.

116 ° 58 ' 43.70 " W LONG.

ANTENNA ID: 7.3Sc 7.3 meters Scientific Atlanta 8010

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02377** E E181493 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA

32 ° 48 ' 39.20 " N LAT.

116 ° 58 ' 43.90 " W LONG.

ANTENNA ID: 3.7PR 3.7 meters PRODELIN CORPORATION 136-750

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02378** E E181494 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 17 Journey, Orange, ALISO VIEJO, CA

33 ° 33 ' 59.80 " N LAT.

117 ° 43 ' 40.00 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02379** E E181495 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 17 Journey, Orange, ALISO VIEJO, CA  
33 ° 34 ' 0.20 " N LAT.

117 ° 43 ' 40.70 " W LONG.

ANTENNA ID: 4.2Da 4.2 meters DawnCo DH42GAE-8P

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02380** E E181496 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA  
32 ° 48 ' 38.10 " N LAT.

116 ° 58 ' 44.60 " W LONG.

ANTENNA ID: 7.3Sc 7.3 meters Scientific Atlanta 8010

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180810-02381** E E181497 Cox Communications California, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 17 Journey, Orange, ALISO VIEJO, CA  
33 ° 33 ' 59.60 " N LAT.

117 ° 43 ' 40.30 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

**Points of Communication:**

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1 - PERMITTED LIST - ()

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**SES-REG-20180926-03794** E E190097 iHeartMedia + Entertainment, Inc., as debtor in possession  
Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** YNG-001

**LOCATION:** 7461 SOUTH AVE, MAHONING, YOUNGSTOWN, OH  
41 ° 1 ' 12.00 " N LAT. 80 ° 38 ' 1.00 " W LONG.

**ANTENNA ID:** ANT1 3.8 meters COMTECH 934D0015-G2

3700.0000 - 4200.0000 MHz 36M0G7W

**SITE ID:** TOL-022

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

**ANTENNA ID:** ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

**ANTENNA ID:** ANT2 2.8 meters SCIENTIFIC ATLANTA 9000

3700.0000 - 4200.0000 MHz 36M0G7W

**SITE ID:** LAN-004

**LOCATION:** 1685 CROWN AVE SUITE 100, LANCASTER, LANCASTER, PA  
40 ° 3 ' 58.64 " N LAT. 76 ° 18 ' 5.64 " W LONG.

**ANTENNA ID:** ANT1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0G7W

**ANTENNA ID:** ANT2 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

**SITE ID:** ANC-009

**LOCATION:** 800 EAST DIMOND BLVD SUITE 3-370, ANCHORAGE, ANCHORAGE, AK  
61 ° 8 ' 0.56 " N LAT. 149 ° 52 ' 0.06 " W LONG.

**ANTENNA ID:** ANT1 3.8 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0GTW

**SITE ID:** AUS-019

**LOCATION:** 3601 S CONGRESS AVE BUILDING F, TRAVIS, AUSTIN, TX  
30 ° 13 ' 35.20 " N LAT. 97 ° 45 ' 37.20 " W LONG.

**ANTENNA ID:** ANT1 3.8 meters COMTECH 3.8

	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	BAK-009			
LOCATION:	1100 MOHAWK ST SUITE 280, KERN, BAKERSFIELD, CA			
	35 ° 21 ' 53.15 " N LAT.			119 ° 3 ' 53.21 " W LONG.
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1374
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	BPT-001			
LOCATION:	2885 IH-10 EAST, JEFFERSON, BEAUMONT, TX			
	30 ° 5 ' 42.00 " N LAT.			94 ° 7 ' 57.00 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
ANTENNA ID:	ANT2	3 meters	DAWNCO	C-BAND 3.0
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	PHL-018			
LOCATION:	329 DOMINO LANE, PHILADELPHIA, PHILADELPHIA, PA			
	40 ° 2 ' 30.85 " N LAT.			75 ° 14 ' 21.00 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	CRP-005			
LOCATION:	501 TUPPER LANE, NUECES, CORPUS CHRISTI, TX			
	27 ° 44 ' 57.71 " N LAT.			97 ° 28 ' 19.64 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	DAL-024			
LOCATION:	14001 NORTH DALLAS PKWY SUITE 300, DALLAS, DALLAS, TX			
	32 ° 56 ' 0.17 " N LAT.			96 ° 49 ' 0.38 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	FAL-004			
LOCATION:	546 9TH AVENUE, NORTH STAR, FAIRBANKS, AK			
	64 ° 50 ' 23.24 " N LAT.			147 ° 43 ' 7.84 " W LONG.
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1374-1375

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3700.0000 - 4200.0000 MHz                      36M0GTW

SITE ID:                FRS-001  
LOCATION:                83 E SHAW AVE SUITE 150, FRESNO, FRESNO, CA  
                              36 ° 48 ' 26.88 " N LAT.    119 ° 47 ' 18.54 " W LONG.

ANTENNA ID:        ANT1                      3.8 meters                      PATRIOT    3.8m

3700.0000 - 4200.0000 MHz                      36M0GTW

ANTENNA ID:        ANT2                      3.7 meters                      PRODELIN    1374-1375

3700.0000 - 4200.0000 MHz                      36M0GTW

SITE ID:                BCS-003  
LOCATION:                1716 BRIARCREST DR SUITE 150, BRAZOS, BRYAN, TX  
                              30 ° 39 ' 9.00 " N LAT.    96 ° 20 ' 17.00 " W LONG.

ANTENNA ID:        ANT1                      3.8 meters                      COMTECH    3.8m

3700.0000 - 4200.0000 MHz                      36M0GTW

SITE ID:                PHL-016  
LOCATION:                111 PRESIDENTIAL BLVD SUITE 100, BALA CYNWYD, BALA CYNWYD, PA  
                              40 ° 0 ' 45.37 " N LAT.    75 ° 12 ' 47.52 " W LONG.

ANTENNA ID:        ANT1                      3.8 meters                      PATRIOT    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                REA-004  
LOCATION:                1265 PERKIOMEN AVE, BERKS, READING, PA  
                              40 ° 19 ' 55.93 " N LAT.    75 ° 54 ' 43.32 " W LONG.

ANTENNA ID:        ANT1                      3.8 meters                      PATRIOT    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                WPT-002  
LOCATION:                1559 W 4TH STREET, LYCOMING, WILLIAMSPORT, PA  
                              41 ° 14 ' 22.80 " N LAT.    77 ° 2 ' 24.10 " W LONG.

ANTENNA ID:        ANT1                      3.8 meters                      COMTECH    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                HOU-043  
LOCATION:                2000 WEST LOOP SOUTH SUITE 300, HARRIS, HOUSTON, TX  
                              29 ° 44 ' 47.00 " N LAT.    95 ° 27 ' 30.00 " W LONG.

ANTENNA ID:        ANT1                      3.7 meters                      GENERAL DYNAMICS    1374

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	3700.0000 - 4200.0000 MHz		36M0GTW	
ANTENNA ID:	ANT2	3 meters	GENERAL DYNAMICS	1304
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	FRS-006			
LOCATION:	597 N ALTA AVE, TULARE, DINUBA, CA			
	36 ° 33 ' 1.37 " N LAT.			119 ° 23 ' 43.93 " W LONG.
ANTENNA ID:	ANT1	3.1 meters	PATRIOT	PRT310AZ
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	LVG-007			
LOCATION:	2880-B MEADE AVE SUITE 250, CLARK, LAS VEGAS, NV			
	36 ° 8 ' 14.19 " N LAT.			115 ° 10 ' 43.93 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	NSN	945 7080 10
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	LAX-074			
LOCATION:	15260 VENTURA BLVD SUITE 500, LOS ANGELES, SHERMAN OAKS, CA			
	34 ° 9 ' 12.31 " N LAT.			118 ° 27 ' 55.66 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	PRODELIN	1386
SITE ID:	LAX-034			
LOCATION:	3400 WEST OLIVE AVENUE SUITE 550, LOS ANGELES, BURBANK, CA			
	34 ° 9 ' 12.12 " N LAT.			118 ° 20 ' 9.32 " W LONG.
ANTENNA ID:	ANT1	3.7 meters	GENERAL DYNAMICS	1374-1375
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	MFE-005			
LOCATION:	901 E PIKE BLVD, HIDALGO, WESLACO, TX			
	26 ° 10 ' 16.16 " N LAT.			97 ° 58 ' 48.49 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	934D0015-G1
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	ILE-005			
LOCATION:	100 W CENTRAL TEXAS EXPRESSWAY, BELL, HARKER HEIGHTS, TX			
	31 ° 4 ' 9.24 " N LAT.			97 ° 40 ' 13.08 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	

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SITE ID: PRO-005  
LOCATION: 75 OXFORD STREET, PROVIDENCE, PROVIDENCE, RI  
41 ° 48 ' 13.99 " N LAT. 71 ° 24 ' 17.06 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 1374

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: NOR-001  
LOCATION: 1003 NORFOLK SQUARE, NORFOLK, NORFOLK, VA  
36 ° 51 ' 11.83 " N LAT. 76 ° 14 ' 9.25 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ROA-002  
LOCATION: 3305 OLD FOREST RD, LYNCHBURG, LYNCHBURG, VA  
37 ° 24 ' 35.36 " N LAT. 79 ° 12 ' 47.10 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: ROA-021  
LOCATION: 3807 BRANDON AVE SW SUITE 2350, ROANOKE, ROANOKE, VA  
37 ° 15 ' 52.29 " N LAT. 80 ° 0 ' 46.78 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: PIT-007  
LOCATION: 200 FLEET STREET 4TH FLOOR, ALLEGHENY, GREENTREE, PA  
40 ° 25 ' 14.00 " N LAT. 80 ° 2 ' 57.00 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1375

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: IAD-001  
LOCATION: 207 UNIVERSITY BLVD, ROCKINGHAM, HARRISONBURG, VA  
38 ° 25 ' 50.51 " N LAT. 78 ° 50 ' 56.19 " W LONG.

ANTENNA ID: ANT1 3.7 meters PRODELIN 1374-1375

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: HTS-001  
LOCATION: 134 4TH AVENUE, CABELL, HUNTINGTON, WV  
38 ° 25 ' 7.85 " N LAT. 82 ° 27 ' 23.33 " W LONG.

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

SITE ID: HLG-012  
LOCATION: 1015 MAIN STREET, OHIO, WHEELING, WV  
40 ° 4 ' 13.00 " N LAT.                    80 ° 43 ' 27.80 " W LONG.

ANTENNA ID: ANT1                    3.7 meters                    GENERAL DYNAMICS                    3.7M AZ/EL TRUSS MOU  
3700.0000 - 4200.0000 MHz                    36M0G7W

ANTENNA ID: ANT2                    3 meters                    KTI                    CKD-10HH45  
3700.0000 - 4200.0000 MHz                    36M0G7W

SITE ID: CRW-002  
LOCATION: 6006 GRAND CENTRAL AVE, WOOD, VIENNA, WV  
39 ° 20 ' 45.68 " N LAT.                    81 ° 31 ' 53.71 " W LONG.

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

SITE ID: WIN-006  
LOCATION: 510 PEGASUS CT, FREDERICK, WINCHESTER, VA  
39 ° 8 ' 39.98 " N LAT.                    78 ° 9 ' 2.53 " W LONG.

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

ANTENNA ID: ANT2                    3.8 meters                    PATRIOT                    PRT-380  
3700.0000 - 4200.0000 MHz                    36M0G7W

SITE ID: MON-001  
LOCATION: 903 N MAIN ST, MONTEREY, SALINAS, CA  
36 ° 41 ' 25.00 " N LAT.                    121 ° 39 ' 12.00 " W LONG.

SITE ID: POR-018  
LOCATION: 13333 SW 68TH PARKWAY SUITE 310, WASHINGTON, TIGARD, OR  
45 ° 25 ' 20.24 " N LAT.                    122 ° 44 ' 44.33 " W LONG.

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

SITE ID: RIV-010  
LOCATION: 2030 IOWA AVENUE SUITE A, RIVERSIDE, RIVERSIDE, CA  
33 ° 59 ' 32.64 " N LAT.                    117 ° 20 ' 21.12 " W LONG.



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ANTENNA ID:	ANT1	3.8 meters	PATRIOT	3.8
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	SAC-016			
LOCATION:	1545 RIVER PARK DRIVE SUITE 500, SACRAMENTO, SACRAMENTO, CA			
	38 ° 36 ' 1.45 " N LAT.			121 ° 26 ' 6.60 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	934D0015-G2
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	MOD-016			
LOCATION:	2121 LANCEY DRIVE SUITE 1, STANISLAUS, MODESTO, CA			
	37 ° 40 ' 11.00 " N LAT.			120 ° 57 ' 29.00 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	GAD-002			
LOCATION:	6510 WHORTON BEND ROAD, ETOWAH, GADSDEN, AL			
	33 ° 58 ' 44.30 " N LAT.			86 ° 0 ' 21.40 " W LONG.
ANTENNA ID:	ANT1	3.7 meters	GENERAL DYNAMICS	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	HSV-002			
LOCATION:	26869 PEOPLES ROAD, MADISON, MADISON, AL			
	34 ° 38 ' 7.25 " N LAT.			86 ° 50 ' 46.90 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	MOB-017			
LOCATION:	555 BROADCAST DR 3RD FLOOR, MOBILE, MOBILE, AL			
	30 ° 40 ' 17.68 " N LAT.			88 ° 6 ' 57.36 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8M
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	SAT-037			
LOCATION:	7445 HEUERMANN RD, BEXAR, SAN ANTONIO, TX			
	29 ° 38 ' 1.24 " N LAT.			98 ° 35 ' 54.50 " W LONG.
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8
	3700.0000 - 4200.0000 MHz		36M0GTW	

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SITE ID: BMH-014  
LOCATION: 600 BEACON PARKWAY WEST SUITE 400, JEFFERSON, BIRMINGHAM, AL  
33 ° 28 ' 42.50 " N LAT. 86 ° 49 ' 13.50 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MTG-003  
LOCATION: 203 GUNN ROAD, MONTGOMERY, MONTGOMERY, AL  
32 ° 22 ' 41.23 " N LAT. 86 ° 12 ' 22.57 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TCL-003  
LOCATION: 3900 11TH AVE SOUTH, TUSCALOOSA, TUSCALOOSA, AL  
33 ° 10 ' 32.50 " N LAT. 87 ° 33 ' 15.80 " W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 1374

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AUO-001  
LOCATION: 915 VETERANS PARKWAY, LEE, OPELIKA, AL  
32 ° 39 ' 27.67 " N LAT. 85 ° 25 ' 29.09 " W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: JAX-046  
LOCATION: 8000 BELFORT PARKWAY SUITE 100, DUVAL, JACKSONVILLE, FL  
30 ° 14 ' 29.20 " N LAT. 81 ° 34 ' 37.30 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SAT-041  
LOCATION: 6222 NW IH-10, BEXAR, SAN ANTONIO, TX  
29 ° 29 ' 4.76 " N LAT. 98 ° 32 ' 32.61 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m

3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.7 meters PRODELIN 1375

3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MIA-014  
 LOCATION: 7601 RIVIERA BLVD, BROWARD, MIRAMAR, FL  
 25 ° 58 ' 27.55 " N LAT. 80 ° 14 ' 22.85 " W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 934D0015-G2  
 3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.7 meters PRODELIN 1374  
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SDI-032  
 LOCATION: 5706 OLD MEMORY LANE, SAN DIEGO, SAN DIEGO, CA  
 32 ° 43 ' 18.00 " N LAT. 117 ° 4 ' 14.00 " W LONG.

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

SITE ID: SDI-008  
 LOCATION: 9660 GRANITE RIDGE DRIVE, SAN DIEGO, SAN DIEGO, CA  
 32 ° 48 ' 26.00 " N LAT. 117 ° 7 ' 16.65 " W LONG.

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

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

SITE ID: SFO-006  
 LOCATION: 340 TOWNSEND STREET, SAN FRANCISCO, SAN FRANCISCO, CA  
 37 ° 46 ' 36.61 " N LAT. 122 ° 23 ' 47.26 " W LONG.

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

SITE ID: MLB-002  
 LOCATION: 1388 SOUTH BABCOCK STREET, BREVARD, MELBOURNE, FL  
 28 ° 5 ' 13.11 " N LAT. 80 ° 37 ' 27.53 " W LONG.

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

SITE ID: SKA-008  
 LOCATION: 808 E SPRAGUE AVE, SPOKANE, SPOKANE, WA  
 47 ° 39 ' 24.00 " N LAT. 117 ° 23 ' 55.00 " W LONG.

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ANTENNA ID:	ANT1	3.8 meters	COMTECH	934D0015-G1
SITE ID:	SKA-017			
LOCATION:	808 E SPRAGUE AVE LOTS 1-5, BLOCK 1 NOSLER'S ADDITION, SPOKANE, SPOKANE, WA			
	47 ° 39 ' 24.00 " N LAT.		117 ° 23 ' 55.00 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	COMTECH	934D0015-G1
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	ACT-002			
LOCATION:	314 W HIGHWAY 6, MCLENNON, WACO, TX			
	31 ° 30 ' 50.76 " N LAT.		97 ° 11 ' 45.54 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	COMTECH	3.8m
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	ORL-002			
LOCATION:	2500 MAITLAND CENTER PARKWAY SUITE 401, ORANGE, MAITLAND, FL			
	28 ° 37 ' 59.87 " N LAT.		81 ° 23 ' 42.57 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	PRODELIN	1385
	3700.0000 - 4200.0000 MHz		36M0G7W	
ANTENNA ID:	ANT2	3 meters	ANDREW	3
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	SEA-017			
LOCATION:	645 ELLIOTT AVE WEST SUITE 400, KING, SEATTLE, WA			
	47 ° 37 ' 33.10 " N LAT.		122 ° 22 ' 6.40 " W LONG.	
ANTENNA ID:	ANT1	3.8 meters	PRODELIN	1374
	3700.0000 - 4200.0000 MHz		36M0GTW	
SITE ID:	TMP-007			
LOCATION:	1834 LISENBAY AVE, BAY, PANAMA CITY, FL			
	30 ° 10 ' 54.83 " N LAT.		85 ° 40 ' 59.93 " W LONG.	
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1375
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	SAR-011			
LOCATION:	1779 INDEPENDENCE BLVD, SARASOTA, SARASOTA, FL			
	27 ° 22 ' 17.90 " N LAT.		82 ° 32 ' 10.97 " W LONG.	
ANTENNA ID:	ANT1	3.7 meters	PRODELIN	1374

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3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      FTM-015  
LOCATION:                      24100 TISEO BLVD SUITE 10, CHARLOTTE, PORT CHARLOTTE, FL  
   27 ° 0 ' 48.90 " N LAT.    82 ° 3 ' 15.68 " W LONG.

ANTENNA ID:    ANT1                      3.7 meters                      PRODELIN    1374

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      TAL-001  
LOCATION:                      325 JOHN KNOX ROAD BUILDING G, LEON, TALLAHASSEE, FL  
   30 ° 28 ' 20.72 " N LAT.    84 ° 17 ' 7.65 " W LONG.

ANTENNA ID:    ANT1                      3.8 meters                      COMTECH    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      ORL-051  
LOCATION:                      9200 TOWER PINE DRIVE, ORANGE, WINTER GARDEN, FL  
   28 ° 28 ' 50.79 " N LAT.    81 ° 39 ' 40.87 " W LONG.

ANTENNA ID:    ANT1                      3.8 meters                      COMTECH    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      WPB-001  
LOCATION:                      3071 CONTINENTAL DRIVE, PALM BEACH, WEST PALM BEACH, FL  
   26 ° 45 ' 26.00 " N LAT.    80 ° 5 ' 6.54 " W LONG.

ANTENNA ID:    ANT1                      3.8 meters                      PRIME FOCUS    3.8 M PRIME FOCUS

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      FTM-010  
LOCATION:                      13320 METRO PKWY SUITE 1, LEE, FORT MYERS, FL  
   26 ° 32 ' 57.71 " N LAT.    81 ° 51 ' 12.79 " W LONG.

ANTENNA ID:    ANT1                      3.8 meters                      COMTECH    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

SITE ID:                      FPR-005  
LOCATION:                      3771 SE JENNINGS RD, ST. LUCIE, PORT ST LUCIE, FL  
   27 ° 16 ' 30.96 " N LAT.    80 ° 17 ' 10.60 " W LONG.

ANTENNA ID:    ANT1                      3.8 meters                      COMTECH    3.8M

3700.0000 - 4200.0000 MHz                      36M0G7W

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SITE ID: BAN-002  
LOCATION: 809 SOUTH WESTOVER BLVD, DOUGHERTY, ALBANY, GA  
31 ° 33 ' 6.60 " N LAT. 84 ° 13 ' 30.70 " W LONG.

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

SITE ID: TPA-001  
LOCATION: 4002 GANDY BLVD, HILLSBOROUGH, TAMPA, FL  
27 ° 53 ' 32.97 " N LAT. 82 ° 30 ' 40.16 " W LONG.

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

SITE ID: AGS-010  
LOCATION: 2743 PERIMETER PARKWAY SUITE 300, RICHMOND, AUGUSTA, GA  
33 ° 29 ' 15.64 " N LAT. 82 ° 5 ' 2.88 " W LONG.

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

SITE ID: CBS-014  
LOCATION: 1501 13TH AVE, MUSCOGEE, COLUMBUS, GA  
32 ° 28 ' 30.33 " N LAT. 84 ° 58 ' 29.49 " W LONG.

ANTENNA ID: ANT1 3.4 meters PRODELIN 1345  
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MCN-008  
LOCATION: 7080 INDUSTRIAL HWY, BIBB, MACON, GA  
32 ° 43 ' 33.00 " N LAT. 83 ° 39 ' 30.00 " W LONG.

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

SITE ID: HOG-004  
LOCATION: 154 BOONE DRIVE, COWETA, NEWNAN, GA  
33 ° 21 ' 57.57 " N LAT. 84 ° 48 ' 40.64 " W LONG.

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

SITE ID: ATL-060  
LOCATION: 1819 PEACHTREE ROAD SUITE 700, FULTON, ATLANTA, GA  
33 ° 48 ' 16.30 " N LAT. 84 ° 23 ' 34.70 " W LONG.

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ANTENNA ID: ANT1                    3.7 meters                    PRODELIN                    ANT-N009-1374990

3700.0000 - 4200.0000 MHz                    36M0G7W

SITE ID:                    BNA-006  
LOCATION:                    55 MUSIC SQUARE WEST, DAVIDSON, NASHVILLE, TN  
                                  36 ° 8 ' 52.14 " N LAT.                    86 ° 47 ' 38.50 " W LONG.

ANTENNA ID: ANT1                    3.8 meters                    COMTECH                    934D0015-G1

3700.0000 - 4200.0000 MHz                    36M0GTW

SITE ID:                    MEM-023  
LOCATION:                    2650 THOUSAND OAKS BLVD SUITE 4100, SHELBY, MEMPHIS, TN  
                                  35 ° 4 ' 36.00 " N LAT.                    89 ° 54 ' 4.00 " W LONG.

ANTENNA ID: ANT1                    3.8 meters                    COMTECH                    3.8m

3700.0000 - 4200.0000 MHz                    36M0GTW

SITE ID:                    PIB-013  
LOCATION:                    6555 HWY 98 WEST SUITE 8, FORREST, HATTIESBURG, MS  
                                  31 ° 19 ' 6.04 " N LAT.                    89 ° 25 ' 12.26 " W LONG.

ANTENNA ID: ANT1                    3.7 meters                    PRODELIN                    1375

3700.0000 - 4200.0000 MHz                    36M0GTW

SITE ID:                    JAC-004  
LOCATION:                    1375 BEASLEY ROAD, HINDS, JACKSON, MS  
                                  32 ° 23 ' 0.00 " N LAT.                    90 ° 11 ' 26.00 " W LONG.

ANTENNA ID: ANT1                    3.8 meters                    PRODELIN                    1374

3700.0000 - 4200.0000 MHz                    36M0GTW

SITE ID:                    BRU-001  
LOCATION:                    3833 US HIGHWAY 82, GLYNN, BRUNSWICK, GA  
                                  31 ° 9 ' 35.99 " N LAT.                    81 ° 35 ' 43.57 " W LONG.

ANTENNA ID: ANT1                    3.7 meters                    PRODELIN                    1375

3700.0000 - 4200.0000 MHz                    36M0G7W

SITE ID:                    BAT-001  
LOCATION:                    FCC CONTACT, BATON ROUGE, BATON ROUGE, LA  
                                  30 ° 25 ' 26.31 " N LAT.                    91 ° 7 ' 57.38 " W LONG.

ANTENNA ID: ANT1                    3.8 meters                    PATRIOT                    3.8M

3700.0000 - 4200.0000 MHz                    36M0G7W

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ANTENNA ID: ANT2            3 meters            PRODELIN            1304-1305  
3700.0000 - 4200.0000 MHz            36M0G7W

ANTENNA ID: ANT3            3.8 meters            PATRIOT            3.8M  
3700.0000 - 4200.0000 MHz            36M0G7W

SITE ID: NOL-002  
LOCATION: 929 HOWARD AVE, NEW ORLEANS, NEW ORLEANS, LA  
29 ° 56 ' 43.60 " N LAT.            90 ° 4 ' 31.10 " W LONG.

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

SITE ID: BLX-002  
LOCATION: 286 DEBUYS ROAD, HARRISON, BILOXI, MS  
30 ° 23 ' 59.82 " N LAT.            89 ° 0 ' 1.28 " W LONG.

ANTENNA ID: ANT1            3.7 meters            PRODELIN            1374-995  
3700.0000 - 4200.0000 MHz            36M0G7W

ANTENNA ID: ANT2            2.8 meters            SCIENTIFIC ATLANTA            9000  
3700.0000 - 4200.0000 MHz            36M0G7W

SITE ID: JAC-004  
LOCATION: 1375 BEASLEY ROAD, HINDS, JACKSON, MS  
32 ° 23 ' 0.00 " N LAT.            90 ° 11 ' 26.00 " W LONG.

ANTENNA ID: ANT1            3.8 meters            PRODELIN            1374  
3700.0000 - 4200.0000 MHz            36M0G7W

SITE ID: TUP-004  
LOCATION: 5026 CLIFF GOOKIN BLVD, LEE, TUPELO, MS  
34 ° 14 ' 32.30 " N LAT.            88 ° 46 ' 13.90 " W LONG.

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

**Points of Communication:**

ACT-002 - PERMITTED LIST - ()

AGS-010 - PERMITTED LIST - ()

ANC-009 - PERMITTED LIST - ()

ATL-060 - PERMITTED LIST - ()



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AUO-001 - PERMITTED LIST - ()  
AUS-019 - PERMITTED LIST - ()  
BAK-009 - PERMITTED LIST - ()  
BAN-002 - PERMITTED LIST - ()  
BAT-001 - PERMITTED LIST - ()  
BCS-003 - PERMITTED LIST - ()  
BLX-002 - PERMITTED LIST - ()  
BMH-014 - PERMITTED LIST - ()  
BNA-006 - PERMITTED LIST - ()  
BPT-001 - PERMITTED LIST - ()  
BRU-001 - PERMITTED LIST - ()  
CBS-014 - PERMITTED LIST - ()  
CRP-005 - PERMITTED LIST - ()  
CRW-002 - PERMITTED LIST - ()  
DAL-024 - PERMITTED LIST - ()  
FAI-004 - PERMITTED LIST - ()  
FPR-005 - PERMITTED LIST - ()  
FRS-001 - PERMITTED LIST - ()  
FRS-006 - PERMITTED LIST - ()  
FTM-010 - PERMITTED LIST - ()  
FTM-015 - PERMITTED LIST - ()  
GAD-002 - PERMITTED LIST - ()  
HLG-012 - PERMITTED LIST - ()  
HOG-004 - PERMITTED LIST - ()  
HOU-043 - PERMITTED LIST - ()  
HSV-002 - PERMITTED LIST - ()  
HTS-001 - PERMITTED LIST - ()  
IAD-001 - PERMITTED LIST - ()  
ILE-005 - PERMITTED LIST - ()  
JAC-004 - PERMITTED LIST - ()

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JAC-004 - PERMITTED LIST - ()  
JAX-046 - PERMITTED LIST - ()  
LAN-004 - PERMITTED LIST - ()  
LAX-034 - PERMITTED LIST - ()  
LAX-074 - PERMITTED LIST - ()  
MEM-023 - PERMITTED LIST - ()  
MFE-005 - PERMITTED LIST - ()  
MIA-014 - PERMITTED LIST - ()  
MLB-002 - PERMITTED LIST - ()  
MOB-017 - PERMITTED LIST - ()  
MOD-016 - PERMITTED LIST - ()  
MON-001 - PERMITTED LIST - ()  
MTG-003 - PERMITTED LIST - ()  
NOL-002 - PERMITTED LIST - ()  
NOR-001 - PERMITTED LIST - ()  
ORL-002 - PERMITTED LIST - ()  
ORL-051 - PERMITTED LIST - ()  
PHL-016 - PERMITTED LIST - ()  
PHL-018 - PERMITTED LIST - ()  
PIB-013 - PERMITTED LIST - ()  
PIT-007 - PERMITTED LIST - ()  
POR-018 - PERMITTED LIST - ()  
PRO-005 - PERMITTED LIST - ()  
REA-004 - PERMITTED LIST - ()  
RIV-010 - PERMITTED LIST - ()  
ROA-002 - PERMITTED LIST - ()  
ROA-021 - PERMITTED LIST - ()  
SAC-016 - PERMITTED LIST - ()  
SAR-011 - PERMITTED LIST - ()  
SAT-037 - PERMITTED LIST - ()

- SAT-041 - PERMITTED LIST - ()
- SDI-008 - PERMITTED LIST - ()
- SDI-032 - PERMITTED LIST - ()
- SEA-017 - PERMITTED LIST - ()
- SFO-006 - PERMITTED LIST - ()
- SKA-008 - PERMITTED LIST - ()
- SKA-017 - PERMITTED LIST - ()
- TAL-001 - PERMITTED LIST - ()
- TCL-003 - PERMITTED LIST - ()
- TMP-007 - PERMITTED LIST - ()
- TOL-022 - PERMITTED LIST - ()
- TPA-001 - PERMITTED LIST - ()
- TUP-004 - PERMITTED LIST - ()
- WIN-006 - PERMITTED LIST - ()
- WPB-001 - PERMITTED LIST - ()
- WPT-002 - PERMITTED LIST - ()
- YNG-001 - PERMITTED LIST - ()

**SES-REG-20181002-03787** E E190093 KWES License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 11320 WCR 127, Midland, Midland, TX

31 ° 54 ' 37.30 " N LAT.

102 ° 13 ' 52.50 " W LONG.

ANTENNA ID:	4.6M.	4.6 meters	Vertex	1514-39
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	P1-P5	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	D1 & D2	5 meters	DH Satellite	DH5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	P6	3.1 meters	Patriot	PRT-310
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	D3	4.2 meters	DH Satellite	DH42FAE
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20181003-03788** E E190094 WTOL License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 730 N Summit St, Lucas, Toledo, OH  
41 ° 39 ' 18.80 " N LAT.

83 ° 31 ' 44.10 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8 Dual Axis
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2 & 8	3.7 meters	DH	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters	SSE	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	19 & 20	4.5 meters	SSE	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3 meters	Prodelin	1304
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	7 & 14	3.8 meters	Comtech	3.8 Dual Axis
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	17 & 18	4.5 meters	ASC Signal	ES45P-1

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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-20181011-03789** E E190095 WTOL License Subsidiary, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 730 N Summit St ( WTOL TV TX ), Lucas, Toledo, OH

41 ° 40 ' 21.70 " N LAT.

83 ° 22 ' 47.67 " W LONG.

ANTENNA ID: 1 & 4 7.3 meters Scientific Atlanta 8010D

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 & 3 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-T/C-20190226-00189** E E060142 WJW License, LLC

Application for Consent to Transfer of Control

**Current Licensee:** WJW License, LLC

**FROM:** Shareholders of Tribune Media Company

**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20190304-00229** E E000642 Cox Media Group Northeast, LLC

Application for Consent to Transfer of Control

**Current Licensee:** Cox Media Group Northeast, LLC

**FROM:** Cox Enterprises, Inc.

**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00230** E E060374 Cox Media Group Northeast, LLC

Application for Consent to Transfer of Control

**Current Licensee:** Cox Media Group Northeast, LLC

**FROM:** Cox Enterprises, Inc.

**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 4

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**SES-T/C-20190304-00231** E E870419 KIRO-TV, Inc.

Application for Consent to Transfer of Control

**Current Licensee:** KIRO-TV, Inc.

**FROM:** Cox Enterprises, Inc.

**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 4

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**SES-T/C-20190304-00232** E E150110 Cox Television Tulsa, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** Cox Television Tulsa, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00233** E E990392 Cox Television Jacksonville, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** Cox Television Jacksonville, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00234** E E000096 WPXI, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WPXI, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00235** E E040266 WFTV, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WFTV, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20190304-00236** E E873996 Miami Valley Broadcasting Corporation  
Application for Consent to Transfer of Control  
**Current Licensee:** Miami Valley Broadcasting Corporation  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00237** E E950336 WSOC Television, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WSOC Television, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190304-00238** E E040244 Georgia Television, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** Georgia Television, LLC  
**FROM:** Cox Enterprises, Inc.  
**TO:** Terrier Media Buyer, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20190306-00240** E E040317 WPIX, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WPIX, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 5

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**SES-T/C-20190306-00274** E E030089 WPMT, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WPMT, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 2

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**SES-T/C-20190308-00286** E E130235 WXMI, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WXMI, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20190308-00289** E E050127 WQAD License, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WQAD License, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190308-00291** E E110034 WREG License, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WREG License, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 4

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**SES-T/C-20190308-00292** E E010136 WTVR License, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WTVR License, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20190311-00329** E E861091 WPHL, LLC  
Application for Consent to Transfer of Control  
**Current Licensee:** WPHL, LLC  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20190313-00355** E E100190 WDAF License, Inc.  
Application for Consent to Transfer of Control  
**Current Licensee:** WDAF License, Inc.  
**FROM:** Shareholders of Tribune Media Company  
**TO:** Nexstar Media Group, Inc.

No. of Station(s) listed: 2

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