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Report No. SES-02079

Wednesday July 18, 2018

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

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

SES-AMD-20180618-01655 E E180603 KHNL/KGMB License Subsidiary, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180531-01049 for a description of this application.

SITE ID:

LOCATION: 420 Waiakamilo Road Suite 205, Honolulu, Honolulu, HI

21 ° 19 ' 21.20 " N LAT. 157 ° 52 ' 44.00 " W LONG.

ANTENNA ID: 1 6 meters ViaSat 6 meters

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-ASG-20180514-00672 E E070263 KTXL.LLC

Application for Consent to Assignment Current Licensee: KTXL, LLC

FROM: KTXL, LLC

TO: Fox Television Stations, LLC

SES-ASG-20180514-00673 E E000014 Tribune Broadcasting Denver License, LLC

Application for Consent to Assignment

Current Licensee: Tribune Broadcasting Denver License, LLC

FROM: Tribune Broadcasting Denver License LLC

TO: Fox Television Stations, LLC

No. of Station(s) listed: 2

SES-ASG-20180514-00674 E E060142 WJW License, LLC

Application for Consent to Assignment

Current Licensee: WJW License, LLC

FROM: WJW License, LLC

TO: Fox Television Stations, LLC

No. of Station(s) listed: 3

SES-ASG-20180514-00675 E E030207 Tribune Broadcasting Seattle, LLC

Application for Consent to Assignment

Current Licensee: Tribune Broadcasting Seattle, LLC

FROM: Tribune Broadcassting Seattle, LLC **TO:** Fox Television Stations, LLC

No. of Station(s) listed: 4

SES-ASG-20180514-00676 E E080179 KSWB, LLC

Application for Consent to Assignment Current Licensee: KSWB, LLC

FROM: KSWB, LLC

TO: Fox Television Stations, LLC

No. of Station(s) listed: 1

SES-ASG-20180514-00677 E E000210 KSTU License, LLC

Application for Consent to Assignment

Current Licensee: KSTU License, LLC

FROM: KSTU License LLC

TO: Fox Television Stations, LLC

No. of Station(s) listed: 2

SES-ASG-20180516-00671 E E960087 KDNL Licensee, LLC

Application for Consent to Assignment

Current Licensee: KDNL Licensee, LLC

FROM: KDNL Llicnesee, LLC
TO: Sinclair Divestiture Trust

No. of Station(s) listed: 2

Application for Consent to Assignment

Current Licensee: WALB License Subsidiary, LLC

FROM: WALB License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01594 E E120214 WAVE License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WAVE License Subsidiary, LLC

FROM: WAVE License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

SES-ASG-20180709-01595 E E000525 KSLA License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KSLA License Subsidiary, LLC

FROM: KSLA License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01596 E E030081 WAFB License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WAFB License Subsidiary, LLC

FROM: WAFB License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 2

SES-ASG-20180709-01597 E E110184 KLTV/KTRE License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KLTV/KTRE License Subsidiary, LLC FROM: KLTV/KTRE LICENSE SUBSIDIARY, LLC

TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01598 E E030021 KOLD License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KOLD License Subsidiary, LLC

FROM: KOLD License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01599 E E030079 KFVS License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KFVS License Subsidiary, LLC

FROM: KFVS License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01600 E E010120 KFDA/KEYU License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KFDA/KEYU License Subsidiary, LLC

FROM: KFDA/KEYU License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 2

SES-ASG-20180709-01601 E E874277 WWBT License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WWBT License Subsidiary, LLC

FROM: WWBT License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01602 E E080241 WAFF License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WAFF License Subsidiary, LLC

FROM: WAFF License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

SES-ASG-20180709-01606 E E140063 Raycom Sports, LLC

Application for Consent to Assignment

Current Licensee: Raycom Sports, LLC

FROM: Raycom Sports, LLC

TO: Gray Television Licensee, LLC

No. of Station(s) listed: 2

SES-ASG-20180709-01607 E E990438 WTVM License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WTVM License Subsidiary, LLC

FROM: WTVM Licene Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01608 E E030060 WOIO License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WOIO License Subsidiary, LLC

FROM: WOIO Licene Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01610 E E070128 WMC License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WMC License Subsidiary, LLC

FROM: WMC License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01612 E E080022 WMBF License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WMBF License Subsidiary, LLC

FROM: WMBF License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01615 E E160143 WLBT License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WLBT License Subsidiary, LLC

FROM: WLBT License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01616 E E890217 WLOX License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WLOX License Subsidiary, LLC

FROM: WLOX License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01621 E E020310 WTOC License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WTOC License Subsidiary, LLC

FROM: WTOC License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

SES-ASG-20180709-01623 E E020026 WSFA License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WSFA License Subsidiary, LLC

FROM: WSFA License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01626 E E881120 WIS License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WIS License Subsidiary, LLC

FROM: WIS License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01628 E E010178 WFIE License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WFIE License Subsidiary, LLC

FROM: WFIE License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01629 E E950481 WCSC License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WCSC License Subsidiary, LLC

FROM: WCSC License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01636 E E8184 WBTV License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: WBTV License Subsidiary, LLC

FROM: WBTV License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20180709-01638 E E160148 KCBD License Subsidiary, LLC

Application for Consent to Assignment

Current Licensee: KCBD License Subsidiary, LLC

FROM: KCBD License Subsidiary, LLC **TO:** Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-LIC-20180608-01392 E E180787 GCI Communication Corp.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

GCI Communication Corp. (GCI) requests authority to operate a fixed earth station in Chevak, Alaska to operate with the Eutelsat 115 West B satellite at the 114.9° W. L. orbital location in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands. In its application, GCI requests a waiver of the temporary freeze on the filing of new applications for fixed-satellite service (FSS) earth station licenses in the 3700-4200 MHz band (Filing Freeze). GCI claims that waiver of the Filing Freeze is in the public interest due to the challenges of providing communications services to remote portions of Alaska and the need for C-band FSS earth stations to provide such services. GCI further asserts that the new earth station is needed to replace existing fixed microwave antennas that have become unreliable due to extensive damage caused by the harsh weather in remote portions of Alaska, and that other forms of providing service have proven unreliable or are unavailable in this area. GCI states that the earth station will allow it to continue to provide critical wireless communications services to remote Alaskan villages.

SITE ID: LOCATION: 1

Lot 6&7, Block 2, US Survey 5023 Townsite of Chevak, Kusilvak, Chevak, AK

61 ° 31 ' 47.80 " N LAT.

165 $^{\circ}$ 34 $^{\prime}$ 51.10 " W LONG.

ANTENNA ID: 3.6M.	3.6 meters Scientific Atlanta	8136
5925.0000 - 6425.0000 MHz	45K0G7W- 66.90 dBW	Digital modulation including PSK, APSK for data and telephone services.
5925.0000 - 6425.0000 MHz	74M0G7W 6.90 dBW	Digital modulation including PSK, APSK for data and telephone services.
3700.0000 - 4200.0000 MHz	45K0G7W-	Digital modulation including PSK, APSK for data and telephone services.
3700.0000 - 4200.0000 MHz	74M0G7W	Digital modulation including PSK, APSK for data and telephone services.
5925.0000 - 6425.0000 MHz	45K0D7W - 66.90 dBW	Digital modulation QAM for data and telephone services.
5925.0000 - 6425.0000 MHz	72M0D7W 66.90 dBW	Digital modulation QAM for data and telephone services.
3700.0000 - 4200.0000 MHz	45K0D7W -	Digital modulation QAM for data and telephone services.
3700.0000 - 4200.0000 MHz	72M0D7W	Digital modulation QAM for data and telephone services.

Points of Communication:

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

SES-MOD-20180518-00779 E WZ61

CBS Communications Services Inc.

Application for Modification

Class of Station:

Fixed Earth Stations

Nature of Service:

Fixed Satellite Service

CBS Communications Services Inc. requests modification of its fixed earth station in Allison Park, PA to update its site coordinates, replace antennas, and add antennas. The station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID:

LOCATION: CLEARVIEW RD. & KDKA DR., ALLEGHENY, ALLISON PARK, PA

40 ° 33 ' 32.10 " N LAT.

79 ° 57 ' 14.60 " W LONG.

ANTENNA ID: 1 4.5 meters VIASAT 8345

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO, VIDEO, DATA

ANTENNA ID: 2 6.1 meters VIASAT 8060

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO, VIDEO, DATA

ANTENNA ID: 3 7.6 meters ASC SIGNAL ES76

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO, VIDEO, DATA

ANTENNA ID: 4 4.5 meters SCIENTIFIC ATLANTA 8345

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO, VIDEO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180614-01473 E E110172 Sirius XM Radio Inc.

Application for Modification

Class of Station: Other

Nature of Service: Satellite Digital Audio Radio Service

Sirius XM Radio Inc. requests modification of its blanket license to operate Satellite Digital Audio Radio Service (SDARS) terrestrial repeaters that are used in conjunction with its satellite radio network. Specifically, Sirius XM requests authority to operate a new type of terrestrial repeater, which would be used primarily for interference mitigation (IM Repeaters), as specified in Sirius XM's application. Sirius XM seeks a limited waiver of the simultaneous retransmission requirements of Section 25.144(e)(4) of the Commission's rules, 47 CFR § 25.144(e)(4).

0.00 dBW

1M84G1W

SITE ID: Blanket

LOCATION: United State and Territories, VARIOUS

2343.1250 - 2344.9650 MHz

ANTENNA ID: Blanket-1

	2341.2850 - 2343.1250 MHz	1M84G1W	0.00 dBW
	2336.2250 - 2341.2850 MHz	5M06D7W	3.00 dBW
	2334.3850 - 2336.2250 MHz	1M84G1W	0.00 dBW
	2332.5450 - 2334.3850 MHz	1M84G1W	0.00 dBW
	2324.2440 - 2328.2560 MHz	4M01D7W	3.00 dBW
ANT	ENNA ID: Blanket-2		
	2343.1250 - 2344.9650 MHz	1M84G1W	0.00 dBW
	2341.2850 - 2343.1250 MHz	1M84G1W	0.00 dBW
	2336.2250 - 2341.2850 MHz	5M06D7W	40.80 dBW
	2334.3850 - 2336.2250 MHz	1M84G1W	0.00 dBW
	2332.5450 - 2334.3850 MHz	1M84G1W	0.00 dBW
	2324.2440 - 2328.2560 MHz	4M01D7W	40.80 dBW

SITE ID: Rensselaer

LOCATION: 400 Ridge Rd.,, Rensselaer, NY

42 ° 36 ' 12.00 " N LAT. 73 ° 44 ' 0.00 " W LONG.

ANTENNA ID: XMALB013B

2343.1250 - 2344.9650 MHz 1M84G1W 0.00 dBW

2341.2850 - 2343.1250 MHz 1M84G1W 0.00 dBW

2336.2250 - 2341.2850 MHz 5M06D7W 45.31 dBW

2334.3850 - 2336.2250 MHz 1M84G1W 0.00 dBW

2332.5450 - 2334.3850 MHz 1M84G1W 0.00 dBW

2324.2440 - 2328.2560 MHz 4M01D7W 45.31 dBW

SITE ID: Fresno

LOCATION: 4880 W. Jacquelyn St., Fresno, CA

36 $^{\circ}$ 49 $^{\prime}$ 0.00 " N LAT. 119 $^{\circ}$ 52 $^{\prime}$ 56.00 " W LONG.

ANTENNA ID: XMFRE002A

2341.2850 - 2343.1250 MHz 1M84G1W 0.00 dBW

2336.2250 - 2341.2850 MHz 5M06D7W 45.80 dBW

2334.3850 - 2336.2250 MHz 1M84G1W 0.00 dBW

2332.5450 - 2334.3850 MHz 1M84G1W 0.00 dBW

2324.2440 - 2328.2560 MHz 4M01D7W 45.80 dBW

SITE ID: Tacoma

LOCATION: 5913 6th St., Tacoma, WA

ANTENNA ID: XMSEA52D

2341.2850 - 2343.1250 MHz 1M84G1W 0.00 dBW

2336.2250 - 2341.2850 MHz 5M06D7W 42.55 dBW

2334.3850 - 2336.2250 MHz 1M84G1W 0.00 dBW

2332.5450 - 2334.3850 MHz 1M84G1W 0.00 dBW

2324.2440 - 2328.2560 MHz 4M01D7W 42.55 dBW

SITE ID: Washington

LOCATION: 4623 41st St., N.W., Washington, DC

 $38 \circ 57 ' 1.00 " N LAT.$ 77 \circ 4 ' 47.00 " W LONG.

ANTENNA ID: XMWDC105

2343.1250 - 2344.9650 MHz 1M84G1W 0.00 dBW

2341.2850 - 2343.1250 MHz 1M84G1W 0.00 dBW

2336.2250 - 2341.2850 MHz 5M06D7W 43.80 dBW

2334.3850 - 2336.2250 MHz 1M84G1W 0.00 dBW

2332.5450 - 2334.3850 MHz 1M84G1W 0.00 dBW

2324.2440 - 2328.2560 MHz 4M01D7W 43.80 dBW

Points of Communication:

Blanket - XM 3 - (85.15 W.L)

Blanket - XM-4 - (115.25W.L)

Blanket - XM-5 - (85.15)

Fresno - XM 3 - (85.15 W.L)

Fresno - XM-4 - (115.25W.L)

Fresno - XM-5 - (85.15)

Rensselaer - XM 3 - (85.15 W.L)

Rensselaer - XM-4 - (115.25W.L)

Rensselaer - XM-5 - (85.15)

Tacoma - XM 3 - (85.15 W.L)

Tacoma - XM-4 - (115.25W.L)

Tacoma - XM-5 - (85.15)

Washington - XM 3 - (85.15 W.L)

Washington - XM-4 - (115.25W.L)

Washington - XM-5 - (85.15)

SES-MOD-20180618-01676 E E110002 Christian Faith Broadcast, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Christian Faith Broadcast, Inc. requests modification of its fixed earth station in Athens, OH, to add a 3 meter antenna to communicate with the Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 800' SW OF CORNER OF PLEASANTON RD. AND COWAN RD., ATHENS, ATHENS, OH

39 ° 14 ′ 10.00 " N LAT. 82 ° 4 ′ 15.80 " W LONG.

ANTENNA ID: 1 3.8 meters PRODELIN 3.8M.

3700.0000 - 4200.0000 MHz 36M0G7W 8 PSK, 2/3 FEC DIGITAL AUDIO AND

VIDEO WITH AUXILLIARY DATA

ANTENNA ID: 2 3 meters DH SATELLITE DH3.0M

3700.0000 - 4200.0000 MHz 36M0G7W 8 PSK, 2/3 FEC DIGITAL AUDIO AND

VIDEO WITH AUXILLIARY DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180618-01687 E E060307 Christian Faith Broadcast, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Christian Faith Broadcast, Inc. requests modification of its fixed earth station in Kalamazoo, MI to register antennas currently operating with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 7048 EAST KILGORE RD, KALAMAZOO, KALAMAZOO, MI

 $42 \circ 14 \cdot 40.00$ " N LAT. 85 \circ 29 ' 27.00 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT PRT-380AZ

3700.0000 - 4200.0000 MHz 2M20G7W 8PSK, 2/3FEC DIGITAL VIDEO WITH

AUXILLIARY DATA

ANTENNA ID: 2 3.8 meters PARACLIPSE PA3.8M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL MULTIPLEX CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180626-01472 E E170205 Alaska Communications Internet, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alaska Communications Internet LLC (ACI) requests a modification of its C-band network license to: (1) add ten new fixed earth stations (2.4m) located in the Kuspuk School District in Alaska and (2) operate additional frequencies at its five currently licensed remote earth station sites. All earth stations will operate with the Eutelsat 115 West B satellite (at the 114.9° W.L. orbital location) in the 3944-4016 MHz (space-to-Earth) and the 5925-6001, 6189.565-6237.565, and 6169-6241 MHz (Earth -to-space) frequency bands. In its application, ACI requests that the Commission extend the previously granted waiver of the bandwidth limitation of Section 25.115(c)(2)(i)(B) to permit ACI to use up to 144 megahertz of bandwidth on Eutelsat 115 West B. ACI also requests that the Commission waive the temporary freeze on the filing of new applications for fixed-satellite service (FSS) earth station licenses in the 3700-4200 MHz band (Filing Freeze). ACI claims that waiver of the Filing Freeze is in the public interest due to the challenges of providing communication services to remote portions of Alaska and the need for C-band FSS earth stations to provide such services. ACI states that grant of the waiver request will enable it to expand delivery of critical broadband services to remote Alaskan primary and secondary schools.

SITE ID: Hub

LOCATION: 8500 Dimond D Circle (3.8METER), Anchorage, Anchorage, AK

61 ° 8 ' 28.40 " N LAT. 149 ° 52 ' 30.70 " W LONG.

61 ° 8 ' 28.40 " N LAT.				149 ° 52 ' 30.70 " W LONG.		
ANTENNA I	ID: HUB	3.8 meters	General I	Dynamics	1383	
5929	.0000 - 6001.0000 MI	Hz 7M	100G7W	58.40 dBW	DVB-S2, 16APSK	
5929.0000 - 6001.0000 MHz		Hz 9M	9M50G7W		DVB-S2, 16APSK	
5929.0000 - 5944.8500 MHz		Hz 3M	3M00G7W		32APSK	
3704.0000 - 3776.0000 MHz		Hz 4M	4M70G7W		32APSK	
3704	.0000 - 3776.0000 MI	Hz 3M	I20G7W		QPSK	
SITE ID: 1 LOCATION: 100 Harbor View Drive (3.8M.) VSAT, St. Paul, St. Paul, AK 57 ° 7 ' 23.00 " N LAT. 170 ° 16 ' 45.00 " W LONG						
ANTENNA I	ID: 1	3.8 meters	General I	Dynamics	1383	
5929	.0000 - 6001.0000 MI	Hz 3M	120G7W	47.90 dBW	DVB-S2, QPSK	
3704.0000 - 3776.0000 MHz		Hz 9M	9M50G7W		16APSK	
SITE ID: LOCATION:	2 600 Telephone Ave 61 ° 11 ' 10.50 " N		chorage, Ancl	-	' 15.57 " W LONG.	

ANTENNA ID: 2 2.4 meters Prodelin 1244

5929.0000 - 5944.8500 MHz 4M70G7W 51.20 dBW 8PSK

3704.0000 - 3776.0000 MHz 3M00G7W 32APSK

SITE ID: 3

LOCATION: EXCURSION INLET, HAINES BOROUGH, EXCURSION INLET, AK

58 ° 24 ' 55.30 " N LAT. 135 ° 26 ' 36.40 " W LONG.

ANTENNA ID: 3 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz 5M60G7W 51.30 dBW 8APSK

3704.0000 - 3776.0000 MHz 3M80G7W 16APSK

SITE ID: 4

LOCATION: ALITAK, KODIAK, ALITAK, AK

 $56 \circ 53 ' 52.20 " N LAT.$ $154 \circ 14 ' 43.00 " W LONG.$

ANTENNA ID: 4 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz 5M60G7W 52.00 dBW 8APSK

3704.0000 - 3776.0000 MHz 3M80G7W 16APSK

SITE ID: 5

LOCATION: NAKNEK, BRISTOL BAY, NAKNEK, AK

 $58 \circ 43 ' 43.70 " N LAT.$ 157 \circ 0 ' 0.90 " W LONG.

ANTENNA ID: 5 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz 5M60G7W 52.10 dBW 8APSK

3704.0000 - 3776.0000 MHz 3M80G7W 16APSK

Points of Communication:

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

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

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

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

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

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

SES-REG-20180510-00810 E E180412 Star Printing Co.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE1

LOCATION: 818 Main Street, Custer, Miles City, MT

 $46\,^{\circ}\,24\,^{\prime}\,25.27\,^{"}\,N\,LAT.$ $105\,^{\circ}\,50\,^{\prime}\,49.59\,^{"}\,W\,LONG.$

ANTENNA ID: ANT1 3 meters Tek2000 Tek2000-10FT-MESH

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio Signals

Points of Communication:

SITE1 - PERMITTED LIST - ()

SES-REG-20180518-00862 E E180441 Camellia City Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 788 Cedar Rock Road NW (WTHO), McDuffie, Thomson, GA

33 ° 28 ' 19.48 " N LAT. 82 ° 31 ' 0.96 " W LONG.

ANTENNA ID: WTHO-1 2.8 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180522-00866 E E180445 DOCOMO PACIFIC, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3620 Sacramento Dr. (DOCOMO CA Headend), San Luis Obispo, San Luis Obispo, CA

35 ° 15 ' 18.00 " N LAT. 120 ° 38 ' 27.00 " W LONG.

ANTENNA ID: 5M. 5 meters ATCI Simulsat 5

3700.0000 - 4200.0000 MHz 30M0G7W Ditital Video Modulation and Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180523-00931 E E180505 University of Kansas

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1392 Rd 140 (KANH Dish), Lyon, Emopria, KS

38 ° 21 ' 44.00 " N LAT. 96 ° 6 ' 59.00 " W LONG.

ANTENNA ID: KANH Dish1 3.7 meters Prodelin corporation 3.7 M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Broadcast Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180529-00981 E E180546 University of Kansas

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 15882 US Hwy 75 (KANQ Dish), Wilson, Altoona, KS

37 ° 35 ' 59.00 " N LAT. 95 ° 39 ' 11.00 " W LONG.

ANTENNA ID: KANQ Dish1 3.7 meters Prodelin corporation 3.7 M.

3700.0000 - 4200.0000 MHz 36M0G7W Digital Broadcast Services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-01049 E E180603 KHNL/KGMB License Subsidiary, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

KHNL/KGMB License Subsidiary, LLC requests registration of a 6- meter antenna in Honolulu, HI to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band. This application was amended by SES-AMD-20180618-01655 to correct errors in the range of satellite arc, azimuth and elevation data.

SITE ID: 1

LOCATION: 420 Waiakamilo Road Suite 205, Honolulu, Honolulu, HI

21 ° 19 ' 21.20 " N LAT. 157 ° 52 ' 44.00 " W LONG.

ANTENNA ID: 1 6 meters ViaSat 6 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180531-01054 E E180607 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1120 East Orange Street, St. Louis, Duluth, MN

46 ° 47 ' 20.00 " N LAT. 92 ° 7 ' 4.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 150KF3D

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180531-01055 E E180608 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 261 Figueroa Street, Los Angeles, Los Angeles, CA

34 ° 3 ′ 20.00 " N LAT. 118 ° 15 ′ 18.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 150KF3D

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180604-00971 E E180538 Broadcast One, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2609 Jordan Lane, Madison, Huntsville, AL

 $34 \circ 45 ' 32.00 " N LAT.$ $86 \circ 38 ' 35.00 " W LONG.$

ANTENNA ID: .3.7M. 3.7 meters Prodelin 1374-995

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

modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180604-01176 E E180667 National Cable Satellite Corporation d/b/a C-SPAN

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1435 Win Hentschel Blvd (C-SPAN Archives), West Lafayette, IN

 $40\,^{\circ}\,27\,^{\circ}\,48.00\,^{\circ}\,N$ LAT. $86\,^{\circ}\,56\,^{\circ}\,1.00\,^{\circ}\,W$ LONG.

ANTENNA ID: ANT1 3 meters TVROfiberglass PrimeFocus

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

ANTENNA ID: ANT2 3 meters TVROfiberglass PrimeFocus

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

ANTENNA ID: ANT3 3 meters TVROfiberglass PrimeFocus

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 - ()

SES-REG-20180605-01162 E E180657 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 56803 350th Street, Roseau, Warroad, MN

48 ° 54 ' 10.00 " N LAT. 95 ° 22 ' 38.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-Receive Only

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180605-01179 E E180669 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 960 County Road F, Ramsey, Shoreview, MN

45 ° 3 ' 44.00 " N LAT. 93 ° 8 ' 21.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Signle Channel Carrier-Receive Only

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180606-00937 E E180510 KING-SULLIVAN RADIO

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 260 Main Street, P.O. Box 1349, Van Buren, Clinton, AR

 $35 \circ 35 ' 35.80 " N LAT.$ $92 \circ 27 ' 25.40 " W LONG.$

ANTENNA ID: 1 3.8 meters Comtech 3.8 EZ

3700.0000 - 4200.0000 MHz 36M0G7W Digital broadcast audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180606-01158 E E180653 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 90 Jones Street, St. Louis, Buhl, MN

47 ° 29 ' 46.00 " N LAT. 92 ° 47 ' 5.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-Receive Only

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180606-01159 E E180654 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 20825 260th Street, Stearns, Richmond, MN

45 ° 29 ' 52.00 " N LAT. 94 ° 32 ' 14.00 " W LONG.

ANTENNA ID: 3.7M 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-Receive only

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180606-01160 E E180655 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 42344 502nd Street, Nicollett, North Mankato, MN

44 ° 13 ' 20.00 " N LAT. 94 ° 7 ' 3.00 " W LONG.

ANTENNA ID: 3.7M 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier-receive only

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180606-01180 E E180670 Minnesota Public Radio

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 611 Frontenac Place, Ramsey, Saint Paul, MN

44 ° 57 ' 28.00 " N LAT. 93 ° 12 ' 22.00 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 76K8G1D Single Channel Carrier Receive Only

Points of Communication:

1 - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20180614-01453 E E180830 HOMETOWN BROADCASTING, INC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 109 E Clark Street, FREEBORN, Albert Lea, MN

43 ° 39 ' 0.50 " N LAT. 93 ° 22 ' 5.60 " W LONG.

ANTENNA ID: 1 3.7 meters Patriot 12FT

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, Digital audio and

video data

1 - PERMITTED LIST - ()

SES-REG-20180615-01508 E E180879 Dominion Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 825 Capital Commons Drive, Lucas, Toledo, OH

41 ° 37 ' 30.50 " N LAT. 83 ° 40 ' 16.30 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 3.7 Meter

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180616-01531 E E180896 Augusta Radio Fellowship Institute, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Rocky Road at Healing Springs Road (WHBJ), Barnwell, Blackville, SC

33 ° 24 ' 55.50 " N LAT. 81 ° 18 ' 9.40 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at

varying data rates and FEC

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180617-01632 E E180959 Southern Ohio Broadcasting, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 319 Jefferson Street, Highland, Greenfield, OH

39 ° 21 ' 6.90 " N LAT. 83 ° 23 ' 1.70 " W LONG.

ANTENNA ID: Site 319 3.7 meters Prodelin / General Dynamics 1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at

varying data rates and FEC

1 - PERMITTED LIST - ()

SES-REG-20180618-01674 E E180992 Christian Faith Broadcast, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3809 Maple Ave., Erie, Castalia, OH

41 ° 23 ' 47.00 " N LAT.

82 ° 47 ' 31.00 " W LONG.

ANTENNA ID: 1 3.8 meters DH Satellite DH3.8m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2 3.8 meters Comtech 3.8m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 3 3.8 meters Paraclipse PA3.8M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01553 E E180914 Three Angels Broadcasting Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 3391 Charley Good Road, Franklin, West Frankfort, IL

34 ° 54 ' 42.38 " N LAT. 88 ° 46 ' 57.00 " W LONG.

ANTENNA ID: 1 3 meters Sceintific Atlanta Unknown 10'

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 2 3.7 meters DH Satellite 37DH1

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 3 3 meters DH Satellite 30DH1

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 4 4.5 meters EASi EASi45

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 5 1.8 meters Prodelin 1183

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 6 4.6 meters Andrew ES46MP

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: 7 8.1 meters Vertex RSI 8.1MKPK

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01554 E E180915 Three Angels Broadcasting Network, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1600 Liddell Lane, Bowie, Texarkana, TX

 $33 \circ 1 ' 30.47 " N LAT.$ $94 \circ 5 ' 13.50 " W LONG.$

ANTENNA ID: Texarkana 3 meters DH Satellite 30DH1

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180619-01672 E E180990 Elliott B Block

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2345 Symmes Street, Hamilton, Cincinnati, OH

 $39 \circ 7 \circ 30.40 \circ N \text{ LAT.}$ $84 \circ 29 \circ 56.00 \circ W \text{ LONG.}$

ANTENNA ID: 1 3.8 meters Patriot 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates

and modulations

1 - PERMITTED LIST - ()

SES-REG-20180619-01690 E E181005 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 29285 Valley Blvd, Riverside, Sun City, CA

33 ° 41 ' 46.91 " N LAT. 117 ° 12 ' 42.01 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01570 E E180951 Legend Communications of Wyoming, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2810 Southern Drive, Campbell, Gillette, WY

ANTENNA ID: 1 3.8 meters COMTECH COM36C

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

Points of Communication:

1 - SES-11 (S2964) - (104.95)

SES-REG-20180620-01663 E E180982 Arkansas Hearst Television Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

 $LOCATION: \qquad 23890 \ Witteville \ Road, \ Le \ Flore, \ Poteau, \ OK$

35 ° 4 ' 18.10 " N LAT. 94 ° 40 ' 44.90 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

1 - PERMITTED LIST - ()

SES-REG-20180620-01664 E E180981 Arkansas Hearst Television Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2809 Ajax Ave, Suite 200, Benton, Rogers, AR

 $36 \circ 17 ' 45.30 " N LAT.$ $94 \circ 9 ' 51.60 " W LONG.$

ANTENNA ID: 1 4.5 meters DH Satellite 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 3.6 meters EASi 3.6 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 3.7 meters AFC 3.7 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 4.5 meters EASi 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 5 4.5 meters Patriot 4.5 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01666 E E180984 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3505 17th Street, Palo Alto, Emmetsburg, IA

 $43~^{\circ}$ 6 $^{\circ}$ 20.50 " N LAT. $$94~^{\circ}$ 41 $^{\circ}$ 42.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

1 - PERMITTED LIST - ()

SES-REG-20180620-01667 E E180985 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 32376 burbage Rd (CR 353 Omar), Sussex, Omar, DE

38 ° 31 ' 52.80 " N LAT. 75 ° 10 ' 58.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01668 E E180986 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Bissell & Superior (By Water Tower), Shelby, Tower Hill, IL

39 ° 23 ' 24.20 " N LAT. 88 ° 57 ' 31.70 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01669 E E180987 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17800 Galena Rd., Kendall, Little Rock, IL

41 ° 42 ' 48.20 " N LAT. 88 ° 36 ' 4.70 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

1 - PERMITTED LIST - ()

SES-REG-20180620-01684 E E181000 Arkansas Hearst Television Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 12009 Ed Edwards Road, Washington, Fayetteville, AR

 $36 \,^{\circ}\, 0$ ' 56.90 " N LAT. $94 \,^{\circ}\, 5$ ' 0.30 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01685 E E181001 Hearst Properties Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 700 Coliseum Drive, Forsyth, Winston Salem, NC

 $36\,^{\circ}\,7\,^{'}\,22.00\,^{"}\,N$ LAT. $80\,^{\circ}\,15\,^{'}\,46.60\,^{"}\,W$ LONG.

ANTENNA ID: 1 4.5 meters SSE 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 3.6 meters AFC 3.6 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 3.7 meters Prodelin 3.7 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 3.8 meters Patriot 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 5 4.5 meters DH 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 6 4.2 meters DH 4.2 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

1 - PERMITTED LIST - ()

SES-REG-20180620-01692 E E181007 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3/10 mile N of US84 on Bold Springs Rd, Grady, Pine Park, GA

30 ° 52 ' 25.80 " N LAT. 84 ° 6 ' 11.20 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01696 E E181011 Madison County Cable, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 5 Harris Street, Madison, Huntsville, AR

 $36 \circ 4 ' 11.00 " N LAT.$ $93 \circ 44 ' 6.60 " W LONG.$

ANTENNA ID: 1 3.9 meters Miralite 3.9M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates

and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01697 E E181012 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2719 W Grimes Avenue, Jefferson, Fairfield, IA

41 ° 0 ' 38.50 " N LAT. 91 ° 59 ' 39.50 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

1 - PERMITTED LIST - ()

SES-REG-20180620-01698 E E181013 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: South Price St. (at water tower), McDonough, Industry, IL

40 ° 19 ' 26.10 " N LAT. 90 ° 36 ' 16.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01699 E E181014 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: Corner of Ridge & Main St., Christian, Kincaid, IL

 $39 \circ 35 ' 36.20 " N LAT.$ $89 \circ 25 ' 23.30 " W LONG.$

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01700 E E181015 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: Intersection Rt. 67 & Main St., McDonough, Good Hope, IL

 $40\,^{\circ}\,33\,^{\circ}\,26.80\,^{\circ}\,N$ LAT. $90\,^{\circ}\,40\,^{\circ}\,23.90\,^{\circ}\,W$ LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

1 - PERMITTED LIST - ()

SES-REG-20180620-01701 E E181016 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: South Schumway (South of East Townline), Stephenson, Lena, IL

42 ° 22 ' 9.30 " N LAT. 89 ° 49 ' 30.40 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180620-01702 E E181017 Mediacom Communications Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1 mile East of Mineral on Rt. 6, Bureau, Mineral, IL

41 ° 22 ' 32.10 " N LAT. 89 ° 48 ' 26.30 " W LONG.

ANTENNA ID: 1 3.8 meters DH Gibralter

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180621-01579 E E180937 FIRST BAPTIST CHURCH OF MELBOURNE INC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3301 Dairy Rd, Brevard, Melbourne, FL

 $28 \, ^{\circ} \, ^{3} \, ^{1} \, ^{3} \, ^{4} \, ^{0} \, ^{1} \, ^{N} \, ^{LAT}.$ $80 \, ^{\circ} \, ^{3} \, ^{8} \, ^{1} \, ^{1} \, ^{2} \, ^{6} \, ^{0} \, ^{1} \, ^{W} \, ^{LONG}.$

ANTENNA ID: 1 3 meters Andersen True Focus 3.0M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND DATA

1 - PERMITTED LIST - ()

SES-REG-20180621-01694 E E181009 Marpat Corporation

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 106 East Main Street, Preston, Kingwood, WV

39 ° 28 ' 18.10 " N LAT. 79 ° 41 ' 10.60 " W LONG.

ANTENNA ID: 1 3 meters KTI XTI-10

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND DATA

ANTENNA ID: 2 3 meters KTI XTI-10

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01585 E E180943 Board of Water Electric & Communication

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 3205 Cedar Street, Muscatine, Muscatine, IA

41 ° 26 ' 16.20 " N LAT. 91 ° 4 ' 51.30 " W LONG.

ANTENNA ID: 1 4.5 meters SSE 4.5 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01587 E E180945 PAX Catholic Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1779 NW 28th ST, Miami-Dade, Miami, FL

25 ° 48 ' 9.00 " N LAT. 80 ° 13 ' 30.00 " W LONG.

ANTENNA ID: 1 1.64 meters Phoenix 1.64 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01589 E E180947 VCY America Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Franklin Road 3.3miles SW, Green, Monroe, WI

42 ° 34 ' 35.50 " N LAT. 89 ° 41 ' 34.60 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180625-01660 E E180978 Time Warner Cable Texas LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 600 Lagarto Rd, Live Oak, George West, TX

28 ° 19 ' 28.60 " N LAT. 98 ° 7 ' 37.60 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat 5M

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

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B

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

ANTENNA ID: 3 4.6 meters Andrew ESA46

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

ANTENNA ID: 4 4.6 meters Scientific-Atlanta 8346

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

ANTENNA ID: 5 4.5 meters Andrew ESA45

Page 30 of 37

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

ANTENNA ID: 6 4.5 meters DH Satellite 4.5M

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

ANTENNA ID: 7 4.5 meters Scientific-Atlanta 8345

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

ANTENNA ID: 8 3.8 meters Comtech 934D0015-G5

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

ANTENNA ID: 9 3.7 meters Prodelin 1374

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

ANTENNA ID: 10 1.8 meters Patriot TX-INT180KU

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01591 E E180949 VCY America Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 101 W. Omaha, Bayfield, Washburn, WI

 $46 \circ 40 ' 18.00 " N LAT.$ $90 \circ 53 ' 32.00 " W LONG.$

ANTENNA ID: 1 3.9 meters Design Home 39

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01592 E E180950 VCY America Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 1455 County Road Y, Winnebago, Oshkosh, WI

44 ° 4 ' 55.80 " N LAT. 88 ° 33 ' 46.80 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01686 E E181002 Grant County Broadcasters, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4502 Rosedale, Butler, Middletown, OH

39 ° 30 ' 58.50 " N LAT. 84 ° 21 ' 4.90 " W LONG.

ANTENNA ID: 1 3.7 meters DH 3.7 METER

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180626-01688 E E181003 Grant County Broadcasters, Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 118 S Main St, Grant, Dry Ridge, KY

38 ° 40 ' 22.10 " N LAT. 84 ° 34 ' 58.10 " W LONG.

ANTENNA ID: 1 3.7 meters DH 3.7 METER

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01637 E E180962 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA

38 ° 52 ′ 19.60 " N LAT. 77 ° 13 ′ 50.90 " W LONG.

ANTENNA ID: 7.0AN 7 meters ANTENNA TECH CORP SIMULSAT 7-METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01641 E E180963 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA

38 ° 52 ' 19.90 " N LAT. 77 ° 13 ' 51.80 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01643 E E180965 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 2917 Eskridge Rd., Fairfax, FAIRFAX, VA

38 ° 52 ' 20.00 " N LAT. 77 ° 13 ' 52.80 " W LONG.

ANTENNA ID: 9.3AN 9.3 meters ANDREW CORPORATION ESA9.3-46

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01650 E E180970 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA

37 ° 16 ' 39.60 " N LAT. 79 ° 58 ' 21.90 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Eagle Eagle Eagle 5.7 m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01651 E E180971 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA

37 ° 16 ' 38.70 " N LAT. 79 ° 58 ' 20.10 " W LONG.

ANTENNA ID: 3.7Da 3.7 meters DawnCo DawnCo 3.7 m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01652 E E180972 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA

 $37 \circ 16 ' 38.90 " N LAT.$ $79 \circ 58 ' 20.90 " W LONG.$

ANTENNA ID: 3.7Ea 3.7 meters Eagle Eagle 5.7 m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01653 E E180973 CoxCom, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 220 SW. 20th St., Roanoke, ROANOKE, VA

37 ° 16 ' 39.00 " N LAT. 79 ° 58 ' 21.30 " W LONG.

ANTENNA ID: 3.7Ea 3.7 meters Eagle Eagle Eagle 5.7 m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01656 E E180975 Cox Communications Hampton Roads LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA

36 ° 50 ' 38.30 " N LAT. 76 ° 9 ' 51.50 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01706 E E181019 Cox Communications Hampton Roads LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA

36 ° 50 ' 38.10 " N LAT. 76 ° 9 ' 51.70 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01707 E E181020 Cox Communications Hampton Roads LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA

36 ° 50 ' 38.10 " N LAT. 76 ° 9 ' 49.10 " 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:

1 - PERMITTED LIST - ()

SES-REG-20180628-01708 E E181021 Cox Communications Hampton Roads LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5200 Cleveland St., Virginia Beach City, VA BEACH, VA

36 ° 50 ' 39.90 " N LAT. 76 ° 9 ' 54.20 " W LONG.

ANTENNA ID: 4.5SU 4.5 meters SUPERIOR SATELLITE SYSTEMS 4.5M PRIME FOCUS

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180702-01590 E E180948 VCY America Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17050 Lystila Road, Baraga, Herman, MI

46 ° 39 ' 49.10 " N LAT. 88 ° 23 ' 4.80 " W LONG.

ANTENNA ID: 1 3.9 meters Design Home 39

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180702-01762 E Astro Digital US, Inc.

Special Temporary Authority

Class of Station:

Astro Digital US, Inc. requests special temporary authority for 180 days to operate its fixed earth station in Santa Clara, CA with the ROSE-1 experimental satellite, see Experimental Licensing System file number 0026-EX-CN-2017. Operations will begin upon deployment of ROSE-1 from its launch vehicle which is scheduled for September 30, 2018. Astro Digital is providing the TT&C services for the ground station support for the ROSE-1 experimental mission on center frequencies: 402.9 MHz (Earth-to-space) and 400.175 MHz (space-to-Earth).

SES-T/C-20180709-01603 E E160027 WVUE License Subsidiary, LLC

Application for Consent to Transfer of Control

Current Licensee: WVUE License Subsidiary, LLC

FROM: Raycom Media, Inc. **TO:** Gray Television, Inc.

No. of Station(s) listed: 1

SES-T/C-20180709-01604 E E100125 WXIX License Subsidiary, LLC

Application for Consent to Transfer of Control

Current Licensee: WXIX License Subsidiary, LLC

FROM: Raycom Media, Inc. **TO:** Gray Television, Inc.

No. of Station(s) listed: 1

SES-T/C-20180709-01635 E E000168 WBRC License Subsidiary, LLC

Application for Consent to Transfer of Control

Current Licensee: WBRC License Subsidiary, LLC

FROM: Raycom Media, Inc. **TO:** Gray Television, Inc.

No. of Station(s) listed: 2

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