



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
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Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-01549

Wednesday May 1, 2013

Satellite Communications Services Information

re: Actions Taken

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

SES-ASG-20130214-00172 E E030149 NEXSTAR BROADCASTING, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 04/24/2013

Current Licensee: KSEE License, Inc.

FROM: KSEE LICENSE, INC.

TO: NEXSTAR BROADCASTING, INC.

No. of Station(s) listed: 1

SES-ASG-20130226-00212 E E110097 KFOX Licensee, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 04/29/2013

Current Licensee: KTVU, LLC

FROM: KTVU, LLC

TO: KFOX Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20130226-00214 E E880611 WJAC Licensee, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 04/29/2013

Current Licensee: WPXI, INC.

FROM: WPXI, INC.

TO: WJAC Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20130315-00254 E E6547 Barrington Flint License LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 04/26/2013

Current Licensee: Barrington Flint License LLC

FROM: Barrington Flint License LLC

TO: HSH Flint (WEYI) Licensee, LLC

No. of Station(s) listed: 2

SES-ASG-20130315-00255 E E050068 Barrington Amarillo License LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 04/26/2013

Current Licensee: Barrington Amarillo License LLC
FROM: Barrington Amarillo License LLC
TO: KVII Licensee, LLC

No. of Station(s) listed: 3

SES-ASG-20130315-00257 E E050061 Barrington Peoria License LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 04/29/2013

Current Licensee: Barrington Peoria License LLC
FROM: Barrington Peoria License LLC
TO: WHOI Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20130315-00259 E E050074 Barrington Kirksville License LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 04/29/2013

Current Licensee: Barrington Kirksville License LLC
FROM: Barrington Kirksville License LLC
TO: KTVO Licensee, LLC

No. of Station(s) listed: 1

SES-LIC-20120925-00848 E E120191 GCI Communication Corp.
Application for Authority 04/29/2013 - 04/29/2028
Grant of Authority Date Effective: 04/29/2013

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: REMOTE1 0.95m
LOCATION: Various Locations in 0.95M.(25UNITS), CONUS, AK, HI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 0.95M.	0.95 meters	PRODELIN	1951/1952
14000.0000 - 14500.0000 MHz	45K0G7W-	33.71 dBW	Phase modulated video, voice, and data
14000.0000 - 14500.0000 MHz	36M0G7W	57.22 dBW	Phase modulated video, voice, and data
11700.0000 - 12200.0000 MHz	45K0G7W-		Phase modulated video, voice, and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice, and data
14000.0000 - 14500.0000 MHz	45K0D7W-	33.71 dBW	Phase and amplitude modulated video, voice, and data
14000.0000 - 14500.0000 MHz	36M0D7W	57.22 dBW	Phase and amplitude modulated video, voice, and data

11700.0000 - 12200.0000 MHz	45K0D7W-	Phase and amplitude modulated video, voice, and data
11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice, and data

SITE ID: REMOTE2 1.0m
LOCATION: Various Locations in 1.0M.(5UNITS), CONUS, AK, HI

ANTENNA ID:	1.0M.	1 meters	NORSAT	NEWSLINK 3200
14000.0000 - 14500.0000 MHz	45K0G7W-	33.21 dBW	Phase modulated video, voice, and data	
14000.0000 - 14500.0000 MHz	36M0G7W	58.02 dBW	Phase modulated video, voice, and data	
11700.0000 - 12200.0000 MHz	45K0G7W-	Phase modulated video, voice, and data		
11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice, and data		
14000.0000 - 14500.0000 MHz	45K0D7W-	33.21 dBW	Phase and amplitude modulated video, voice, and data	
14000.0000 - 14500.0000 MHz	36M0D7W	58.02 dBW	Phase and amplitude modulated video, voice, and data	
11700.0000 - 12200.0000 MHz	45K0D7W-	Phase and amplitude modulated video, voice, and data		
11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice, and data		

SITE ID: REMOTE3 1.2mA
LOCATION: Various Locations in 1.2M.(200UNITS), CONUS, AK, HI

ANTENNA ID:	1.2M_a	1.2 meters	PRODELIN	1134/1135
14000.0000 - 14500.0000 MHz	45K0G7W-	39.81 dBW	Phase modulated video, voice and data	
14000.0000 - 14500.0000 MHz	36M0G7W	59.32 dBW	Phase modulated video, voice and data	
11700.0000 - 12200.0000 MHz	45K0G7W-	Phase modulated video, voice and data		
11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice and data		
14000.0000 - 14500.0000 MHz	45K0D7W-	39.81 dBW	Phase and amplitude modulated video, voice and data	
14000.0000 - 14500.0000 MHz	36M0D7W	59.32 dBW	Phase and amplitude modulated video, voice and data	
11700.0000 - 12200.0000 MHz	45K0D7W-	Phase and amplitude modulated video, voice and data		

11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice and data
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SITE ID: REMOTE4 1.2mB

LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.2M_b	1.2 meters	PRODELIN	1120/1123/1125
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14000.0000 - 14500.0000 MHz	45K0G7W-	39.71 dBW	Phase modulated video, voice and data
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14000.0000 - 14500.0000 MHz	36M0G7W	59.22 dBW	Phase modulated video, voice and data
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11700.0000 - 12200.0000 MHz	45K0G7W-	Phase modulated video, voice and data
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11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice and data
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14000.0000 - 14500.0000 MHz	45K0D7W-	39.71 dBW	Phase and amplitude modulated video, voice and data
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14000.0000 - 14500.0000 MHz	36M0D7W	59.22 dBW	Phase and amplitude modulated video, voice and data
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11700.0000 - 12200.0000 MHz	45K0D7W-	Phase and amplitude modulated video, voice and data
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11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice and data
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SITE ID: REMOTE5 1.2mC

LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.2M_c	1.2 meters	PRODELIN	1132/2120/2121
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14000.0000 - 14500.0000 MHz	45K0G7W -	39.51 dBW	Phase modulated video, voice and data
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14000.0000 - 14500.0000 MHz	36M0G7W	59.02 dBW	Phase modulated video, voice and data
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11700.0000 - 12200.0000 MHz	45K0G7W -	Phase modulated video, voice and data
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11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice and data
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14000.0000 - 14500.0000 MHz	45K0D7W -	39.51 dBW	Phase and amplitude modulated video, voice and data
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14000.0000 - 14500.0000 MHz	36M0D7W	59.02 dBW	Phase and amplitude modulated video, voice and data
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11700.0000 - 12200.0000 MHz	45K0D7W -	Phase and amplitude modulated video, voice and data
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11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice and data
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SITE ID: REMOTE6 1.2mD
LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID:	1.2M_d	1.2 meters	ANDREW/CHANNEL MASTER	TYPE 123/124
	14000.0000 - 14500.0000 MHz	45K0G7W -	39.81 dBW	Phase modulated video, voice and data
	14000.0000 - 14500.0000 MHz	36M0G7W	59.32 dBW	Phase modulated video, voice and data
	11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
	11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
	14000.0000 - 14500.0000 MHz	45K0D7W -	39.81 dBW	Phase and amplitude modulated video, voice and data
	14000.0000 - 14500.0000 MHz	36M0D7W	59.32 dBW	Phase and amplitude modulated video, voice and data
	11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
	11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE7 1.2mE
LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID:	1.2M_e	1.2 meters	PATRIOT	TX-INT120KU
	14000.0000 - 14500.0000 MHz	45K0G7W -	40.01 dBW	Phase modulated video, voice and data
	14000.0000 - 14500.0000 MHz	36M0G7W	59.52 dBW	Phase modulated video, voice and data
	11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
	11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
	14000.0000 - 14500.0000 MHz	45K0D7W -	40.01 dBW	Phase and amplitude modulated video, voice and data
	14000.0000 - 14500.0000 MHz	36M0D7W	59.52 dBW	Phase and amplitude modulated video, voice and data
	11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
	11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE8 1.2mF
LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID:	1.2M_f	1.2 meters	TRACSTAR	1200
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14000.0000 - 14500.0000 MHz	45K0G7W -	39.71 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	59.22 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	39.71 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	59.22 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE9 1.2mG
LOCATION: Various Locations in 1.2M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.2M._g	1.2 meters	TRACSTAR	MVS 1200
14000.0000 - 14500.0000 MHz	45K0G7W -	39.51 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	59.02 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	39.51 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	59.02 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE10 1.25M.
LOCATION: Various Locations in 1.25M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.25M.	1.25 meters	GD SATCOM	C125M
14000.0000 - 14500.0000 MHz	45K0G7W -	39.91 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	59.42 dBW	Phase modulated video, voice and data

11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	39.91 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	59.42 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE11 1.8M_a
LOCATION: Various Locations in 1.8M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.8M_a	1.8 meters	PRODELIN	1182/1183
14000.0000 - 14500.0000 MHz	45K0G7W -	43.31 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	62.82 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	43.31 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	62.82 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE12 1.8M_b
LOCATION: Various Locations in 1.8M.(200UNITS), CONUS, AK, HI

ANTENNA ID: 1.8M_b	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	45K0G7W -	43.01 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	62.52 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data

14000.0000 - 14500.0000 MHz	45K0D7W -	43.01 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	62.52 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE13 1.8M._c
LOCATION: Various Locations in 1.8M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.8M._c	1.8 meters	PRODELIN	1194/2194
14000.0000 - 14500.0000 MHz	45K0G7W -	43.21 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	62.72 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	43.21 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	62.72 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE14 1.8M._d
LOCATION: Various Locations in 1.8M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.8M._d	1.8 meters	ANDREW/ CHANNEL MASTER	Type 183
14000.0000 - 14500.0000 MHz	45K0G7W -	43.31 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	62.82 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	43.31 dBW	Phase and amplitude modulated video, voice and data

14000.0000 - 14500.0000 MHz	36M0D7W	62.82 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE15 1.8M._e
LOCATION: Various Locations in 1.8M.(25UNITS), CONUS, AK, HI

ANTENNA ID: 1.8M._e	1.8 meters	PATRIOT	TX-INT180KU
14000.0000 - 14500.0000 MHz	45K0G7W -	43.51 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	63.02 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	43.51 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	63.02 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W		Phase and amplitude modulated video, voice and data

SITE ID: REMOTE16 2.4M._a
LOCATION: Various Locations in 2.4M.(75UNITS), CONUS, AK, HI

ANTENNA ID: 2.4M._a	2.4 meters	PRODELIN	1240/1241/1250/1251
14000.0000 - 14500.0000 MHz	45K0G7W -	45.71 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	65.22 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	45.71 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	65.22 dBW	Phase and amplitude modulated video, voice and data

11700.0000 - 12200.0000 MHz	45K0D7W -	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice and data

SITE ID: REMOTE17 2.4M._b
LOCATION: Various Locations in 2.4M.(75UNITS), CONUS, AK, HI

ANTENNA ID: 2.4M._b	2.4 meters	PRODELIN	1244/2244
14000.0000 - 14500.0000 MHz	45K0G7W -	45.71 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	65.22 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -	Phase modulated video, voice and data	
11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice and data	
14000.0000 - 14500.0000 MHz	45K0D7W -	45.71 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	65.22 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W	Phase and amplitude modulated video, voice and data	
11700.0000 - 12200.0000 MHz	36M0D7W	Phase and amplitude modulated video, voice and data	

SITE ID: REMOTE18 2.4M._c
LOCATION: Various Locations in 2.4M.(50UNITS), CONUS, AK, HI

ANTENNA ID: 2.4M._c	2.4 meters	ANDREW/ CHANNEL MASTER	TYPE 243
14000.0000 - 14500.0000 MHz	45K0G7W -	45.81 dBW	Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	65.32 dBW	Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -	Phase modulated video, voice and data	
11700.0000 - 12200.0000 MHz	36M0G7W	Phase modulated video, voice and data	
14000.0000 - 14500.0000 MHz	45K0D7W -	45.81 dBW	Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	65.32 dBW	Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -	Phase and amplitude modulated video, voice and data	

11700.0000 - 12200.0000 MHz	36M0D7W			Phase and amplitude modulated video, voice and data
SITE ID: REMOTE19 3.6M.				
LOCATION: Various Locations in 3.6M. (10UNITS), CONUS, AK, HI				
ANTENNA ID: 3.6M.	3.6 meters	VIASAT		8136
14000.0000 - 14500.0000 MHz	45K0G7W -	48.81 dBW		Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0G7W	68.32 dBW		Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0G7W -			Phase modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0G7W			Phase modulated video, voice and data
14000.0000 - 14500.0000 MHz	45K0D7W -	48.81 dBW		Phase and amplitude modulated video, voice and data
14000.0000 - 14500.0000 MHz	36M0D7W	68.32 dBW		Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	45K0D7W -			Phase and amplitude modulated video, voice and data
11700.0000 - 12200.0000 MHz	36M0D7W			Phase and amplitude modulated video, voice and data

Points of Communication:

- REMOTE1 0.95m - ALSAT - (ALSAT)
- REMOTE10 1.25M. - ALSAT - (ALSAT)
- REMOTE11 1.8M._a - ALSAT - (ALSAT)
- REMOTE12 1.8M._b - ALSAT - (ALSAT)
- REMOTE13 1.8M._c - ALSAT - (ALSAT)
- REMOTE14 1.8M._d - ALSAT - (ALSAT)
- REMOTE15 1.8M._e - ALSAT - (ALSAT)
- REMOTE16 2.4M._a - ALSAT - (ALSAT)
- REMOTE17 2.4M._b - ALSAT - (ALSAT)
- REMOTE18 2.4M._c - ALSAT - (ALSAT)
- REMOTE19 3.6M. - ALSAT - (ALSAT)
- REMOTE2 1.0m - ALSAT - (ALSAT)
- REMOTE3 1.2mA - ALSAT - (ALSAT)

REMOTE4 1.2mB - ALSAT - (ALSAT)
 REMOTE5 1.2mC - ALSAT - (ALSAT)
 REMOTE6 1.2mD - ALSAT - (ALSAT)
 REMOTE7 1.2mE - ALSAT - (ALSAT)
 REMOTE8 1.2mF - ALSAT - (ALSAT)
 REMOTE9 1.2mG - ALSAT - (ALSAT)

SES-LIC-20130118-00065 E E130015 KNIGHT SKY CONSULTING AND ASSOCIATES
 Application for Authority 04/24/2013 - 04/24/2028
 Grant of Authority Date Effective: 04/24/2013

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: (2.4M.), CONUS, AK, and HI

ANTENNA ID:	2.4M.	2.4 meters	GATR	2.4 METER
	3700.0000 - 4200.0000 MHz		819KG7D	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		819KG7D	50.00 dBW Digital Data Carrier

Points of Communication:

1 - NSS 9 - (177 W.L.)

SES-MFS-20130107-00005 E E980081 EchoStar Broadcasting Corporation
 Modification 08/01/2011 - 08/01/2026
 Grant of Authority Date Effective: 04/26/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: Cheyene
 LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY
 41 ° 7 ' 58.30 " N LAT. 104 ° 44 ' 9.10 " W LONG.

ANTENNA ID:	T5	13.2 meters	TIW	13.2 METER
	17301.0000 - 17302.0000 MHz		1M00G2D	87.40 dBW TT&C
	17300.0000 - 17800.0000 MHz		24M0M1F	85.00 dBW FEEDERLINK
	12698.5000 - 12699.5000 MHz		1M00G2D	TT&C
	12202.5000 - 12203.5000 MHz		1M00G2D	TT&C

12200.5000 - 12201.5000 MHz	1M00G2D		TT&C
12200.0000 - 12700.0000 MHz	24M0M1F		DBS/IOPT
ANTENNA ID: T6	13.2 meters	TIW	13.2 METER
17790.0000 - 17800.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
17790.0000 - 17800.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
17310.0000 - 17790.0000 MHz	24M0G7W	87.40 dBW	DIGITAL DATA AND COMPRESSED VIDEO
17300.0000 - 17310.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
17300.0000 - 17310.0000 MHz	800KG2D	86.40 dBW	TELECOMMAND
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL DATA AND COMPRESSED VIDEO
12210.0000 - 12690.0000 MHz	24M0G7W		DIGITAL DATA AND COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz	800KG2D		TELEMETRY

Points of Communication:

- Cheyeene - CIEL 2 - (128.85 W.L.)
- Cheyeene - EHOSTAR 10 - (110.2 W.L.)
- Cheyeene - EHOSTAR 11 - (110 W.L.)
- Cheyeene - EHOSTAR 2 - (119 W.L.)
- Cheyeene - EHOSTAR 3 - (61.5 W.L.)
- Cheyeene - EHOSTAR 4 - (77 W.L.)
- Cheyeene - EHOSTAR 5 - (148 W.L.)
- Cheyeene - EHOSTAR 6 - (72.7 W.L.)
- Cheyeene - EHOSTAR 7 - (119 W.L.)
- Cheyeene - EHOSTAR 7S - (119.2 W.L.)
- Cheyeene - EHOSTAR 8 - (77 W.L.)
- Cheyeene - EHOSTAR/DISH - ()

Cheyenne - RAINBOW1 - (61.5 W.L.)

SES-MFS-20130107-00007 E E080215 EchoStar Broadcasting Corporation

Modification

01/30/2009 - 01/30/2024

Grant of Authority

Date Effective: 04/26/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

SITE ID: Monee

LOCATION: 6737 West Steger Road, Will, Monee, IL

41 ° 28 ' 6.50 " N LAT.

87 ° 46 ' 36.00 " W LONG.

ANTENNA ID:	ILT6	13.2 meters	Vertex	13.2
	12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
	17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
	12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
ANTENNA ID:	ILT8	13.2 meters	Vertex	13.2 Meter
	12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
	17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
	17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
	17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data

17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones

Points of Communication:

- Monee - CIEL 2 - (128.85 W.L.)
- Monee - EHOSTAR 10 - (110.2 W.L.)
- Monee - EHOSTAR 11 - (110 W.L.)
- Monee - EHOSTAR 14 - (118.9 W.L.)
- Monee - EHOSTAR 3 - (61.5 W.L.)
- Monee - EHOSTAR 4 - (77 W.L.)
- Monee - EHOSTAR 5 - (129 W.L.)
- Monee - EHOSTAR 6 - (72.7 W.L.)
- Monee - EHOSTAR 7 - (119 W.L.)
- Monee - EHOSTAR 8 - (110 W.L.)
- Monee - EHOSTAR I - (148.0 W.L.)
- Monee - EHOSTAR/DISH - ()
- Monee - RAINBOW1 - (61.5 W.L.)

SES-MFS-20130107-00008 E E080214 EchoStar Broadcasting Corporation
 Modification 01/30/2009 - 01/30/2024
 Grant of Authority Date Effective: 04/26/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

SITE ID: Mt. Jackson
 LOCATION: 335 Dish Drive, Shenandoah, Quicksburg, VA
 38 ° 43 ' 22.30 " N LAT. 78 ° 39 ' 59.90 " W LONG.

ANTENNA ID: VAT6	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data

17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
ANTENNA ID: VAT7	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
17300.0000 - 17310.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M5F3D	85.06 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M5F3D	0.00 dBW	Ranging Tones

Points of Communication:

- Mt. Jackson - CIEL 2 - (128.85 W.L.)
- Mt. Jackson - ECHOSTAR 10 - (110.2 W.L.)
- Mt. Jackson - ECHOSTAR 11 - (110 W.L.)
- Mt. Jackson - ECHOSTAR 14 - (118.9 W.L.)
- Mt. Jackson - ECHOSTAR 3 - (61.5 W.L.)
- Mt. Jackson - ECHOSTAR 4 - (77 W.L.)
- Mt. Jackson - ECHOSTAR 5 - (129 W.L.)
- Mt. Jackson - ECHOSTAR 6 - (72.7 W.L.)
- Mt. Jackson - ECHOSTAR 7 - (119 W.L.)

Mt. Jackson - EHOSTAR 8 - (110 W.L.)

Mt. Jackson - EHOSTAR I - (148.0 W.L.)

Mt. Jackson - EHOSTAR/DISH - ()

Mt. Jackson - RAINBOW1 - (61.5 W.L.)

SES-MFS-20130107-00009 E E080015 EchoStar Broadcasting Corporation

Modification

03/18/2008 - 03/18/2023

Grant of Authority

Date Effective: 04/26/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: Spokane

LOCATION: 9815 West Hallet Road, Spokane, Spokane, WA

47 ° 35 ' 31.10 " N LAT.

117 ° 33 ' 1.60 " W LONG.

ANTENNA ID:	WAT2	13.2 meters	Vertex	13.2
17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry	
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones	
17310.0000 - 17790.0000 MHz	24M0G1W	86.90 dBW	Compressed Digital Video and Data	
17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry	
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones	
12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry	
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones	
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Compressed Digital Video and Data	
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry	
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones	
ANTENNA ID:	WAT1	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	1M50G2D	Telemetry		
12690.0000 - 12700.0000 MHz	1M50G2D	Telemetry		
17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry	
17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry	
12200.0000 - 12210.0000 MHz	1M50F3D	Ranging Tones		

12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W		Compressed Digital Video and Data
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data

Points of Communication:

- Spokane - CIEL 2 - (128.85 W.L.)
- Spokane - ECHOSTAR 10 - (110.2 W.L.)
- Spokane - ECHOSTAR 2 - (148 W.L.)
- Spokane - ECHOSTAR 3 - (61.5 W.L.)
- Spokane - ECHOSTAR 5 - (129 W.L.)
- Spokane - ECHOSTAR 5 - (148 W.L.)
- Spokane - ECHOSTAR 6 - (72.7 W.L.)
- Spokane - ECHOSTAR 7 - (119 W.L.)
- Spokane - ECHOSTAR 8 - (110 W.L.)
- Spokane - ECHOSTAR I - (148.0 W.L.)
- Spokane - ECHOSTAR/DISH - ()
- Spokane - RAINBOW1 - (61.5 W.L.)

SES-MFS-20130131-00137 E E020306 EchoStar Broadcasting Corporation
Modification 02/03/2003 - 02/03/2018
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: GD2
LOCATION: 801 North American Sky Blvd. (GD2), MARICOPA, GILBERT, AZ
33 ° 21 ' 59.80 " N LAT. 111 ° 48 ' 52.30 " W LONG.

ANTENNA ID: GD2	9 meters	Vertex	9M
17308.0000 - 17309.0000 MHz	1M50G2D	73.70 dBW	Telemetry Beacon (TT&C)
17300.0000 - 17800.0000 MHz	24M0G1F	85.78 dBW	Digital Carrier

12698.0000 - 12698.0000 MHz	300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
12202.0000 - 12202.0000 MHz	300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
12200.0000 - 12700.0000 MHz	24M0G1F	0.00 dBW	Digital Carrier
12200.0000 - 12200.0000 MHz	300KG2D	0.00 dBW	Telemetry Beacon (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	71.01 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	71.01 dBW	TT&C
17300.0000 - 17800.0000 MHz	24M0G7W	85.78 dBW	Digital Video and Data

Points of Communication:

- GD2 - EHOSTAR 2 - (148 W.L.)
- GD2 - EHOSTAR 3 - (61.5 W.L.)
- GD2 - EHOSTAR 4 - (157 W.L.)
- GD2 - EHOSTAR 4 - (77 W.L.)
- GD2 - EHOSTAR 5 - (119 W.L.)
- GD2 - EHOSTAR 5 - (148 W.L.)
- GD2 - EHOSTAR 6 - (110 W.L.)
- GD2 - EHOSTAR 7 - (119 W.L.)
- GD2 - EHOSTAR 8 - (76.85)
- GD2 - EHOSTAR I - (148.0 W.L.)
- GD2 - EHOSTAR/DISH - ()

SES-MFS-20130131-00138	E E020307	EchoStar Broadcasting Corporation	02/03/2003 - 02/03/2018
Modification			Date Effective: 04/25/2013
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service, Fixed Satellite Service

SITE ID: 1
LOCATION: 801 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ
33 ° 21 ' 55.30 " N LAT. 111 ° 48 ' 51.40 " W LONG.

ANTENNA ID: 1	13 meters	VERTEX	13 M LMA
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	TELEMETRY
12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	DIGITAL VIDEO AND DATA
12200.0000 - 12210.0000 MHz	300KG2D	0.00 dBW	TELEMETRY
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	DIGITAL VIDEO AND DATA
17300.0000 - 17310.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND
17790.0000 - 17800.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND

Points of Communication:

- 1 - CIEL 2 - (128.85 W.L.)
- 1 - EHOSTAR 10 - (110.2 W.L.)
- 1 - EHOSTAR 11 - (110 W.L.)
- 1 - EHOSTAR 14 - (118.9 W.L.)
- 1 - EHOSTAR 7 - (118.8 W.L.)
- 1 - EHOSTAR/DISH - ()

SES-MFS-20130131-00139 E E060003 EchoStar Broadcasting Corporation
 Modification 03/29/2006 - 03/29/2021
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

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

SITE ID: GD3/GD4
 LOCATION: 800 NORTH AMERICAN SKY BLVD., MARICOPA, GILBERT, AZ
 33 ° 21 ' 53.60 " N LAT. 111 ° 48 ' 53.60 " W LONG.

ANTENNA ID: GD3/GD4	9.1 meters	VERTEX	9.1 METER
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video
17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
17300.0000 - 17310.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
17790.0000 - 17800.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)

12200.0000 - 12210.0000 MHz	800KG2D	Telemetry Beacon (TT&C)
12690.0000 - 12700.0000 MHz	800KG2D	Telemetry Beacon (TT&C)

Points of Communication:

- GD3/GD4 - ECHOSTAR 10 - (110.2 W.L.)
- GD3/GD4 - ECHOSTAR 2 - (148 W.L.)
- GD3/GD4 - ECHOSTAR 3 - (61.5 W.L.)
- GD3/GD4 - ECHOSTAR 5 - (129 W.L.)
- GD3/GD4 - ECHOSTAR 6 - (110 W.L.)
- GD3/GD4 - ECHOSTAR 7 - (119 W.L.)
- GD3/GD4 - ECHOSTAR 8 - (110 W.L.)
- GD3/GD4 - ECHOSTAR 8 - (77 W.L.)
- GD3/GD4 - ECHOSTAR I - (148.0 W.L.)
- GD3/GD4 - ECHOSTAR/DISH - ()
- GD3/GD4 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20130131-00140 E E070015 EchoStar Broadcasting Corporation 03/07/2007 - 03/07/2022
Modification
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

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

SITE ID: GFMA - Ku
LOCATION: 801 N. DISH DRIVE, MARICOPA, GILBERT, AZ
33 ° 22 ' 0.80 " N LAT. 111 ° 48 ' 54.70 " W LONG.

ANTENNA ID:	GFMA-Ku	13.2 meters	VERTEX	13.2 METER
	11700.0000 - 11704.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	11700.0000 - 11704.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	12196.0000 - 12200.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	14496.0000 - 14500.0000 MHz	1M50G2D	75.24 dBW	Command Carrier (TT&C)
	14000.0000 - 14004.0000 MHz	1M50G2D	75.24 dBW	Command Carrier (TT&C)
	11700.0000 - 12200.0000 MHz	24M0M1F		Digital Compressed Video

14000.0000 - 14500.0000 MHz	24M0M1F	87.30 dBW	Digital Compressed Video
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.50 dBW	Digital Data
14000.0000 - 14004.0000 MHz	800KG2D	72.50 dBW	Telecommand
12196.0000 - 12200.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
11700.0000 - 12200.0000 MHz	24M0M1F		Digital Compressed Video
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data

Points of Communication:

GFMA - Ku - ALSAT - (ALSAT)

GFMA - Ku - AMC 16 - (118.75)

GFMA - Ku - ECHOSTAR 6 - (72.7 W.L.)

GFMA - Ku - ECHOSTAR 8 - (76.85)

GFMA - Ku - ECHOSTAR/DISH - ()

SES-MOD-20130128-00100 E E950287 EchoStar Broadcasting Corporation
 Application for Modification 10/27/2005 - 10/27/2020
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

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

SITE ID: 2

LOCATION: 530 ECHOSTAR DRIVE, LARAMINE, CHEYENNE, WY
 41 ° 7 ' 56.00 " N LAT. 104 ° 44 ' 7.00 " W LONG.

ANTENNA ID: T2	13.2 meters	TIW	LMANT 13.2
17790.0000 - 17800.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	DIGITAL, COMPRESSED VIDEO AND DATA
17300.0000 - 17310.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND
12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
12200.0000 - 12700.0000 MHz	24M0G7W		DIGITAL, COMPRESSED VIDEO AND DATA
12200.0000 - 12210.0000 MHz	800KG2D		TELEMETRY

SITE ID: 1
LOCATION: 530 ECHOSTAR DRIVE, LARAMINE, CHEYENNE, WY
41 ° 7 ' 56.00 " N LAT. 104 ° 44 ' 7.00 " W LONG.

ANTENNA ID:	T1	13.2 meters	TIW	LMATT 13.2 KU
	17790.0000 - 17800.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	DIGITAL, COMPRESSED VIDEO AND DATA
	17300.0000 - 17310.0000 MHz	800KG2D	72.63 dBW	TELECOMMAND
	12690.0000 - 12700.0000 MHz	800KG2D		TELEMETRY
	12200.0000 - 12700.0000 MHz	24M0G7W		DIGITAL, COMPRESSED VIDEO AND DATA
	12200.0000 - 12210.0000 MHz	800KG2D		TELEMETRY

Points of Communication:

- 1 - ECHOSTAR 10 - (110.2 W.L.)
- 1 - ECHOSTAR 11 - (110 W.L.)
- 1 - ECHOSTAR 14 - (118.9 W.L.)
- 1 - ECHOSTAR 7 - (118.8 W.L.)
- 1 - ECHOSTAR/DISH - ()
- 2 - ECHOSTAR 10 - (110.2 W.L.)
- 2 - ECHOSTAR 11 - (110 W.L.)
- 2 - ECHOSTAR 14 - (118.9 W.L.)
- 2 - ECHOSTAR 7 - (118.8 W.L.)
- 2 - ECHOSTAR/DISH - ()

SES-MOD-20130128-00101 E E980142 EchoStar Broadcasting Corporation
Application for Modification 05/22/2008 - 05/22/2023
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 56.60 " N LAT. 104 ° 44 ' 15.60 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	13.2 METER
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17790.0000 - 17800.0000 MHz	800KG2D	70.23 dBW	TT&C
17308.2500 - 17309.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17300.0000 - 17800.0000 MHz	24M0G1W	85.00 dBW	DIGITAL VIDEO, FEC 3/4, feederlink for DBS
17300.0000 - 17800.0000 MHz	24M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA
17300.0000 - 17310.0000 MHz	800KG2D	70.23 dBW	TT&C
12698.3500 - 12698.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
12202.3500 - 12202.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.3500 - 12200.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12700.0000 MHz	24M0G1W		DIGITAL VIDEO, FEC 3/4 (DBS)
12200.0000 - 12210.0000 MHz	800KG2D		TT&C

Points of Communication:

- 1 - ECHOSTAR 10 - (110.2 W.L.)
- 1 - ECHOSTAR 2 - (119 W.L.)
- 1 - ECHOSTAR 2 - (148 W.L.)
- 1 - ECHOSTAR 3 - (61.5 W.L.)
- 1 - ECHOSTAR 4 - (157 W.L.)
- 1 - ECHOSTAR 4 - (77 W.L.)
- 1 - ECHOSTAR 5 - (129 W.L.)
- 1 - ECHOSTAR 5 - (148 W.L.)
- 1 - ECHOSTAR 6 - (110 W.L.)
- 1 - ECHOSTAR 7 - (119 W.L.)
- 1 - ECHOSTAR 8 - (110 W.L.)
- 1 - ECHOSTAR I - (148.0 W.L.)
- 1 - ECHOSTAR/DISH - ()
- 1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20130128-00102 E E980143 EchoStar Broadcasting Corporation
 Application for Modification 06/10/2008 - 06/10/2023
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: 1
 LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
 41 ° 7 ' 57.50 " N LAT. 104 ° 44 ' 14.30 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	13.2 METER
	17790.0000 - 17800.0000 MHz	800KG2D	70.23 dBW	TT&C
	17308.2500 - 17309.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
	17300.0000 - 17800.0000 MHz	24M0M1F	85.00 dBW	DIGITAL VIDEO (DBS)
	17300.0000 - 17800.0000 MHz	24M0G7W	85.00 dBW	DIGITAL, VIDEO AND DATA
	17300.0000 - 17310.0000 MHz	800KG2D	70.23 dBW	TT&C
	12698.3500 - 12698.6500 MHz	300KG2D		
	12690.0000 - 12700.0000 MHz	800KG2D		TT&C
	12202.3500 - 12202.6500 MHz	300KG2D		
	12200.3500 - 12200.6500 MHz	300KG2D		
	12200.0000 - 12210.0000 MHz	800KG2D		TT&C

Points of Communication:

- 1 - ECHOSTAR 2 - (118.8 W.L.)
- 1 - ECHOSTAR 5 - (119 W.L.)
- 1 - ECHOSTAR 5 - (148 W.L.)
- 1 - ECHOSTAR 6 - (110 W.L.)
- 1 - ECHOSTAR I - (148.0 W.L.)
- 1 - ECHOSTAR/DISH - ()
- 1 - ECHOSTAR-4 - (119 W.L.)

SES-MOD-20130128-00103 E E990310 EchoStar Broadcasting Corporation
 Application for Modification 09/21/2009 - 09/21/2024
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 56.80 " N LAT.

104 ° 44 ' 11.20 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	13.2
17300.0000 - 17800.0000 MHz		24M0M1F	85.00 dBW	DIGITAL COMPRESSED VIDEO, FEC 3/4 (DBS)
17300.0000 - 17800.0000 MHz		1M50G2D	89.10 dBW	TELEMETRY BEACON (TT&C)
12200.0000 - 12700.0000 MHz		24M0M1F		DIGITAL COMPRESSED VIDEO, FEC 3/4 (DBS)
12200.0000 - 12700.0000 MHz		1M50G2D		TELEMETRY BEACON (TT&C)

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ECHOSTAR 14 - (118.9 W.L.)

1 - ECHOSTAR 5 - (119 W.L.)

1 - ECHOSTAR 6 - (110 W.L.)

1 - ECHOSTAR/DISH - ()

SES-MOD-20130128-00104 E E990138 EchoStar Broadcasting Corporation

Application for Modification

09/21/2009 - 09/21/2024

Grant of Authority

Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: 1

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 56.90 " N LAT.

104 ° 44 ' 12.80 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	13.2M
17790.0000 - 17800.0000 MHz		800KG2D	86.41 dBW	TT&C
17790.0000 - 17800.0000 MHz		1M50G2D	87.40 dBW	TELEMETRY BEACON
17301.0000 - 17302.0000 MHz		1M50G2D	87.40 dBW	TELEMETRY BEACON (TT&C)
17300.0000 - 17800.0000 MHz		24M0G1W	85.00 dBW	DIGITAL VIDEO, FEC 3/4 (DBS)
17300.0000 - 17800.0000 MHz		24M0G7W	85.00 dBW	DIGITAL DATA AND COMPRESSED VIDEO

17300.0000 - 17310.0000 MHz	800KG2D	86.41 dBW	TT&C
17300.0000 - 17310.0000 MHz	1M50G2D	87.40 dBW	TELEMETRY BEACON
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
12200.0000 - 12700.0000 MHz	24M0G1W		DIGITAL VIDEO, FEC 3/4 (DBS)
12200.0000 - 12700.0000 MHz	1M50G2D		TELEMETRY BEACON (TT&C)
12200.0000 - 12700.0000 MHz	24M0G7W		DIGITAL DATA AND COMPRESSED VIDEO
12200.0000 - 12210.0000 MHz	800KG2D		TT&C

Points of Communication:

- 1 - EHOSTAR 10 - (110.2 W.L.)
- 1 - EHOSTAR 11 - (110 W.L.)
- 1 - EHOSTAR 2 - (148 W.L.)
- 1 - EHOSTAR 3 - (61.5 W.L.)
- 1 - EHOSTAR 4 - (77 W.L.)
- 1 - EHOSTAR 5 - (119 W.L.)
- 1 - EHOSTAR 5 - (129 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR 7 - (119 W.L.)
- 1 - EHOSTAR 8 - (110 W.L.)
- 1 - EHOSTAR I - (148.0 W.L.)
- 1 - EHOSTAR/DISH - ()
- 1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20130206-00163 E E050374 EchoStar Broadcasting Corporation

Application for Modification

01/18/2006 - 01/18/2021

Grant of Authority

Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: WAT3 and WAT4

LOCATION: 9815 WEST HALLETT ROAD, SPOKANE, SPOKANE, WA

47 ° 35 ' 31.80 " N LAT.

117 ° 33 ' 2.50 " W LONG.

ANTENNA ID:	WAT4	13.2 meters	VERTEX/TIW	13.2 METER	
	17305.2500 - 17306.7500 MHz		1M50G2D	87.40 dBW	TT&C
	17300.0000 - 17800.0000 MHz		24M0M1F	87.40 dBW	Data Carrier
	12698.5000 - 12700.0000 MHz		1M50G2D		TT&C
	12200.2500 - 12201.7500 MHz		1M50G2D		TT&C
	12200.0000 - 12700.0000 MHz		24M0M1F		Data Carrier

ANTENNA ID:	WAT3	13.2 meters	VERTEX/TIW	13.2 METER	
	17305.2500 - 17306.7500 MHz		1M50G2D	87.40 dBW	TT&C
	17300.0000 - 17800.0000 MHz		24M0M1F	87.40 dBW	Data Carrier
	12698.5000 - 12700.0000 MHz		1M50G2D		TT&C
	12200.2500 - 12201.7500 MHz		1M50G2D		TT&C
	12200.0000 - 12700.0000 MHz		24M0M1F		Data Carrier

Points of Communication:

WAT3 and WAT4 - ECHOSTAR 10 - (110.2 W.L.)

WAT3 and WAT4 - ECHOSTAR 2 - (148 W.L.)

WAT3 and WAT4 - ECHOSTAR 3 - (61.5 W.L.)

WAT3 and WAT4 - ECHOSTAR 5 - (129 W.L.)

WAT3 and WAT4 - ECHOSTAR 6 - (110 W.L.)

WAT3 and WAT4 - ECHOSTAR 7 - (119 W.L.)

WAT3 and WAT4 - ECHOSTAR 8 - (110 W.L.)

WAT3 and WAT4 - ECHOSTAR I - (148.0 W.L.)

WAT3 and WAT4 - ECHOSTAR/DISH - ()

SES-MOD-20130206-00164 E E060004 EchoStar Broadcasting Corporation
 Application for Modification
 Grant of Authority

03/29/2006 - 03/29/2021
 Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: TXT3/TXT4
 LOCATION: 710 CONRADS LANE, COMAL, NEW BRAUNFELS, TX
 29 ° 45 ' 35.90 " N LAT. 98 ° 3 ' 48.10 " W LONG.

ANTENNA ID:	TXT3/TXT4	13.2 meters	TIW	13.2 METER
	17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	12200.0000 - 12700.0000 MHz	24M0M1F		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)

Points of Communication:

TXT3/TXT4 - EHOSTAR 10 - (110.2 W.L.)
 TXT3/TXT4 - EHOSTAR 2 - (148 W.L.)
 TXT3/TXT4 - EHOSTAR 3 - (61.5 W.L.)
 TXT3/TXT4 - EHOSTAR 5 - (129 W.L.)
 TXT3/TXT4 - EHOSTAR 6 - (110 W.L.)
 TXT3/TXT4 - EHOSTAR 7 - (119 W.L.)
 TXT3/TXT4 - EHOSTAR 8 - (110 W.L.)
 TXT3/TXT4 - EHOSTAR I - (148.0 W.L.)
 TXT3/TXT4 - EHOSTAR/DISH - ()
 TXT3/TXT4 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20130206-00165 E E080005 EchoStar Broadcasting Corporation
 Application for Modification 03/18/2008 - 03/18/2023
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

SITE ID: 1
 LOCATION: 801 N. DISH DRIVE, MARICOPA, GILBERT, AZ
 33 ° 21 ' 53.60 " N LAT. 111 ° 48 ' 55.00 " W LONG.

ANTENNA ID:	GD6	9.1 meters	Vertex	9 meter
	17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	1M50G2D	80.84 dBW	Telecommand

17310.0000 - 17790.0000 MHz	24M0G1W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	1M50G2D	80.84 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry
ANTENNA ID: GD5	9.1 meters	Vertex	9 meter
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50G2D	80.84 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G1W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	1M50G2D	80.84 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry

Points of Communication:

- 1 - EHOSTAR 10 - (110.2 W.L.)
- 1 - EHOSTAR 2 - (148 W.L.)
- 1 - EHOSTAR 3 - (61.5 W.L.)
- 1 - EHOSTAR 4 - (77 W.L.)
- 1 - EHOSTAR 5 - (129 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR 7 - (119 W.L.)

ANTENNA ID:	MST1	13.2 meters	VERTEX	13.2 METER	
	17310.0000 - 17790.0000 MHz		24M0G7W	79.80 dBW	Compressed Digital Video and Data
	12210.0000 - 12690.0000 MHz		24M0G7W	0.00 dBW	Compressed Digital Video and Data

Points of Communication:

- 1 - EHOSTAR 10 - (110.2 W.L.)
- 1 - EHOSTAR 3 - (61.5 W.L.)
- 1 - EHOSTAR 5 - (129 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR 7 - (119 W.L.)
- 1 - EHOSTAR 8 - (110 W.L.)
- 1 - EHOSTAR/DISH - ()
- 1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20130423-00339 E E030197 Rockwell Collins, Inc.
 Application for Modification 08/23/2004 - 08/23/2019
 Grant of Authority Date Effective: 04/25/2013

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Rockwell Collins, Inc. requests modification of its temporary-fixed earth station, to update the antenna gain figure from 38.1dBi to 38.7dBi on Antenna ID, CCT90 1-10, based on recently concluded system verification.

SITE ID: 1
 LOCATION: SWE-DISH IPT TITLE 111, VARIOUS

ANTENNA ID:	S1	0.66 meters	SWE-DISH	XC90-66K	
	14000.0000 - 14500.0000 MHz		2M04G7W	49.40 dBW	DIGITAL, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
	14000.0000 - 14500.0000 MHz		2M04G7W	49.40 dBW	COMPRESSED DIGITAL DATA AND VIDEO
	14000.0000 - 14500.0000 MHz		16M0G7W	49.40 dBW	VAROUS
	11700.0000 - 12200.0000 MHz		2M04G7W		DIGITAL, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz		2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO

11700.0000 - 12200.0000 MHz	16M0G7W		VARIOUS
11450.0000 - 11700.0000 MHz	2M04G7W		DIGITAL, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
11450.0000 - 11700.0000 MHz	2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO
11450.0000 - 11700.0000 MHz	16M0G7W		VARIOUS
10950.0000 - 12750.0000 MHz	16M0G7W		VARIOUS
10950.0000 - 11200.0000 MHz	2M04G7W		DIGITAL, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
10950.0000 - 11200.0000 MHz	2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO
ANTENNA ID: S2-4	0.66 meters	SWE-DISH	XC90-66K
14000.0000 - 14500.0000 MHz	2M04G7W	49.40 dBW	DIGITAL, VARIOUS FEC DATA RATES
14000.0000 - 14500.0000 MHz	2M04G7W	49.40 dBW	COMPRESSED DIGITAL DATA AND VIDEO
14000.0000 - 14500.0000 MHz	16M0G7W	49.40 dBW	VARIOUS
11700.0000 - 12200.0000 MHz	2M04G7W		DIGITAL, VARIOUS FEC DATA RATES
11700.0000 - 12200.0000 MHz	2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO
11700.0000 - 12200.0000 MHz	16M0G7W		VARIOUS
11450.0000 - 11700.0000 MHz	2M04G7W		DIGITAL, VARIOUS FEC DATA RATES
11450.0000 - 11700.0000 MHz	2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO
11450.0000 - 11700.0000 MHz	16M0G7W		VARIOUS
10950.0000 - 12750.0000 MHz	16M0G7W		VARIOUS
10950.0000 - 11200.0000 MHz	2M04G7W		DIGITAL, VARIOUS FEC DATA RATES
10950.0000 - 11200.0000 MHz	2M04G7W		COMPRESSED DIGITAL DATA AND VIDEO

SITE ID: CCT90
LOCATION: VARIOUS

ANTENNA ID:	CCT90 1-10	0.66 meters	SWE-DISH	SUITCASE CCT90
	14000.0000 - 14500.0000 MHz		16M0G7W 54.10 dBW	VARIOUS
	11700.0000 - 12200.0000 MHz		16M0G7W	VARIOUS
	11450.0000 - 11700.0000 MHz		16M0G7W	VARIOUS
	10950.0000 - 12750.0000 MHz		16M0G7W	VARIOUS

Points of Communication:

- 1 - AMC-3 - (87 W.L.)
- 1 - AMC-4 (formerly GE-4 - (101 W.L.)
- 1 - AMC-5 (S2156) - (79 W.L.)
- 1 - AMC-6 - (72 W.L.)
- 1 - AMSC 1 - (103 W.L.)
- 1 - GALAXY 10R - (123 W.L.)
- 1 - GALAXY III-C - (95 W.L.)
- 1 - GALAXY XI - (91 W.L.)
- 1 - HORIZONS 1 - (127 WL)
- 1 - IA-8 - (89 W.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - SBS-6 - (74 DEG. WL)
- 1 - TELSTAR 11 - (37.5 W.L.)
- 1 - TELSTAR 6 - (93 W.L.)
- CCT90 - AMC 1 - (103 W.L.)
- CCT90 - AMC-3 - (87 W.L.)
- CCT90 - AMC-4 (formerly GE-4 - (101 W.L.)
- CCT90 - AMC-5 (S2156) - (79 W.L.)
- CCT90 - AMC-6 - (72 W.L.)
- CCT90 - GALAXY 10R - (123 W.L.)
- CCT90 - GALAXY III-C - (95 W.L.)

CCT90 - GALAXY XI - (91 W.L.)

CCT90 - HORIZONS 1 - (127 WL)

CCT90 - INTELSAT 8 - (89 W.L.)

CCT90 - PAS-1R - (45.0 W.L.)

CCT90 - SBS-6 - (74 DEG. WL)

CCT90 - TELSTAR 11 - (37.5 W.L.)

CCT90 - TELSTAR 6 - (93 W.L.)

SES-REG-20130312-00241 E E130044 CBS COMMUNICATIONS SERVICES INC.

Registration 03/12/2013 - 03/12/2028

Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 855 BATTERY ST., SAN FRANCISCO, CA

37 ° 45 ' 18.80 " N LAT.

122 ° 27 ' 9.80 " W LONG.

ANTENNA ID: 1 4.5 meters ASC SIGNAL CORP 4.5

3700.0000 - 4200.0000 MHz 36M0G7W Audio,video, data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130312-00242 E E130045 CBS COMMUNICATIONS SERVICES INC.

Registration 03/12/2013 - 03/12/2028

Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: FOSTER PLAZA BLDG. 651 HOLIDAY DRIVE, PITTSBURG, PA

40 ° 25 ' 19.40 " N LAT.

80 ° 3 ' 39.70 " W LONG.

ANTENNA ID: 1 3.7 meters DAWNCO D37P

3700.0000 - 4200.0000 MHz 36M0G7W audio,video, data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130313-00243 E E130046 CBS COMMUNICATIONS SERVICES INC.
Registration 03/13/2013 - 03/13/2028
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 775 CREEK ROAD, BELLMAWR, NJ
39 ° 51 ' 55.00 " N LAT.

ANTENNA ID: 1 3.8 meters COMTECH 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7W audio,video, data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130313-00244 E E130047 CBS COMMUNICATIONS SERVICES INC.
Registration 03/13/2013 - 03/13/2028
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2201 WOODWARD HTS. (WOMC xmtr Detroit), FERNDALE, MI
42 ° 28 ' 10.00 " N LAT. 83 ° 6 ' 54.00 " W LONG.

ANTENNA ID: 1 2.8 meters SCIENTIFIC ATLANTA 9000
3700.0000 - 4200.0000 MHz 36M0G7W audio,video, data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130313-00245 E E130048 CBS COMMUNICATIONS SERVICES INC.
Registration 03/13/2013 - 03/13/2028
Grant of Authority Date Effective: 04/25/2013

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 26455 AMERICAN DRIVE (WXYT-FM Studio Detroit), DETROIT, MI
42 ° 29 ' 19.90 " N LAT. 83 ° 18 ' 16.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 934D0015-G2

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20121121-01035 E E040267 Newcom International, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 04/29/2013

Class of Station:

Application listed as granted to document operations pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

Points of Communication:

SES-STA-20121221-01128 E E040267 Newcom International, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 04/29/2013

Class of Station:

Application listed as granted to document operations pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

Points of Communication:

SES-STA-20130123-00087 E E040267 Newcom International, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 04/29/2013

Class of Station:

Application listed as granted to document operations pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

Points of Communication:

SES-STA-20130228-00224 E E950499 DG CONSENTS SUB, INC.

Special Temporary Authority

Grant of Authority

Date Effective: 04/30/2013

Class of Station:

DG Consents Sub, Inc. was granted special temporary authority from May 1, 2013, to June 28, 2013, to operate its fixed earth station in Fairbanks, AK., with the GeoEye-1 (call sign S2348) and the IKONOS (call sign S2144) NGSO satellites in the 2042, 2052, and 2092 MHz (Earth-to-space) center frequencies, and in the 8025-8395 MHz (space-to-Earth) frequency band.

Points of Communication:

SES-STA-20130314-00262 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 04/25/2013

Class of Station:

Application listed as granted to document operations pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

Points of Communication:

SES-STA-20130408-00313 E KL92 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 04/25/2013

Class of Station:

Application listed as granted to document operations pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. §1.62.

Points of Communication:

SES-T/C-20130316-00253 E E050285 The Outdoor Channel, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 04/24/2013

Current Licensee: The Outdoor Channel, Inc.

FROM: Outdoor Channel Holdings, Inc.

TO: Kroenke Sports & Entertainment, LLC

No. of Station(s) listed: 1

SES-T/C-20130417-00326 E E900627 Televiscentro of Puerto Rico, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 04/29/2013

Current Licensee: Televiscentro of Puerto Rico, LLC

FROM: Intermedia Partners VII, L.P.

TO: Hemisphere Media Holdings, LLC

No. of Station(s) listed: 1

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.