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SITE ID: 1  
LOCATION: 24 Talon Way, El Paso, Schriever AFB, CO  
38 ° 47 ' 53.20 " N LAT. 104 ° 31 ' 54.10 " W LONG.

ANTENNA ID:	1	4.9 meters	ASC Signal	4.9 Meter
	29310.0000 - 30000.0000 MHz	19M2G7W	77.30 dBW	DIGITAL DATA CARRIER
	28350.0000 - 28600.0000 MHz	19M2G7W	77.30 dBW	Digital Data Carrier
	19700.0000 - 20200.0000 MHz	19M2G7W		Digital Data Carrier
	18300.0000 - 18800.0000 MHz	19M2G7W		Digital Data Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20140610-00469** E E140056 Harris Corporation  
Application for Authority 11/03/2014 - 11/03/2029  
Grant of Authority Date Effective: 11/03/2014

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 24 Talon Way, El Paso, Schriever AFB, CO  
38 ° 47 ' 53.20 " N LAT. 104 ° 31 ' 54.10 " W LONG.

ANTENNA ID:	1	4.9 meters	ASC Signal	4.9 Meter
	19700.0000 - 20200.0000 MHz	19M2G7W		Digital Data Carrier
	28350.0000 - 28600.0000 MHz	19M2G7W	77.30 dBW	Digital Data Carrier
	18300.0000 - 18800.0000 MHz	19M2G7W		Digital Data Carrier
	29310.0000 - 30000.0000 MHz	19M2G7W	77.30 dBW	DIGITAL DATA CARRIER

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20140829-00685** E E120004 X2nSat  
Application for Modification 02/08/2012 - 02/08/2027  
Grant of Authority Date Effective: 10/29/2014

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

SITE ID: 1310PET-1  
 LOCATION: 1310 Redwood Way (6.1M. PET-Ku-1), Sonoma, Petaluma, CA  
 38 ° 16 ' 27.20 " N LAT. 122 ° 39 ' 48.50 " W LONG.

ANTENNA ID:	PET-Ku-1	6.1 meters	Viasat	6.1 M Ku - 8060	
	14000.0000 - 14500.0000 MHz		7M00G7D	59.70 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		3M40G7D	55.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		800KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		400KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		200KG7D		QPSK, DATA

SITE ID: Remote12  
 LOCATION: 1.2 MKU (3000 units), Conus, AK,HI,PR VI

ANTENNA ID:	Remote1.2M	1.2 meters	Skyware Global	1.2 MKU	
	14000.0000 - 14500.0000 MHz		800KG7D	47.00 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		400KG7D	46.00 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	43.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		7M00G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		3M40G7D		QPSK, DATA

SITE ID: Remote18  
 LOCATION: 1.8 MKU (1000 units), Conus, AK,HI,PR VI

ANTENNA ID:	Remote1.8M	1.8 meters	Skyware Global	1.8MKU	
	14000.0000 - 14500.0000 MHz		800KG7D	50.50 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		400KG7D	49.50 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz		200KG7D	46.50 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz		7M00G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz		3M40G7D		QPSK, DATA

SITE ID: ATL HUB  
 LOCATION: 4311 COMMUNICATIONS DRIVE (6.1M.back-up HUB), GWINNETT, NORCROSS, GA  
 33 ° 56 ' 19.00 " N LAT. 84 ° 8 ' 9.00 " W LONG.

ANTENNA ID:	ATL KU-1	6.1 meters	VIASAT	6.1M. KU-8060K
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14000.0000 - 14500.0000 MHz	7M00G7D	59.70 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	3M40G7D	55.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	800KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA

SITE ID: 1310PET-2  
LOCATION: 1310 Redwood Way (4.0M. PET-Ku-2), Sonoma, Petaluma, CA  
38 ° 16 ' 27.20 " N LAT. 122 ° 39 ' 48.50 " W LONG.

ANTENNA ID: PET-Ku-2	4 meters	ANDREW	ES40
14000.0000 - 14500.0000 MHz	7M00G7D	59.70 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	3M40G7D	55.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	800KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA

**Points of Communication:**

1310PET-1 - PERMITTED LIST - ()  
1310PET-2 - PERMITTED LIST - ()  
ATL HUB - PERMITTED LIST - ()  
Remote12 - PERMITTED LIST - ()  
Remote18 - PERMITTED LIST - ()

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**SES-MOD-20140902-00689** E E050112 DIRECTV Enterprises, LLC  
Application for Modification 07/18/2005 - 07/18/2020  
Grant of Authority Date Effective: 10/29/2014

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 5454 GARTON ROAD (CRBC), DOUGLAS, CASTLE ROCK, CO  
39 ° 16 ' 39.00 " N LAT. 104 ° 48 ' 27.50 " W LONG.

ANTENNA ID: CKA-8	3.5 meters	ANDREW	ES35-101-208
29250.0000 - 30000.0000 MHz	8M50G7W	76.60 dBW	QPSK, MCPC / SCPC DATA / VIDEO

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29250.0000 - 30000.0000 MHz	14M1G7W	78.80 dBW	QPSK, MCPC / SCPC DATA / VIDEO
29250.0000 - 30000.0000 MHz	22M6G7W	80.80 dBW	QPSK, MCPC VIDEO / DATA
29250.0000 - 30000.0000 MHz	5M70G1W	74.90 dBW	QPSK, SCPC DATA / VIDEO
29250.0000 - 30000.0000 MHz	2M90G1W	71.90 dBW	QPSK, SCPC DATA / VIDEO
29250.0000 - 30000.0000 MHz	2M20G1W	70.70 dBW	QPSK, SCPC DATA / VIDEO
29250.0000 - 30000.0000 MHz	54M0G7W	81.10 dBW	QPSK, MCPC VIDEO
29250.0000 - 30000.0000 MHz	36M0G7W	81.10 dBW	QPSK, MCPC VIDEO
29250.0000 - 30000.0000 MHz	24M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	8M50G7W	76.60 dBW	QPSK, MCPC / SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	14M1G7W	78.80 dBW	QPSK, MCPC / SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	22M6G7W	80.80 dBW	QPSK, MCPC VIDEO / DATA
28350.0000 - 28600.0000 MHz	5M70G1W	74.90 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	2M90G1W	71.90 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	2M20G1W	70.70 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	54M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	36M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	24M0G7W	81.10 dBW	QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	8M50G7W		QPSK, MCPC / SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	14M1G7W		QPSK, MCPC / SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	22M6G7W		QPSK, MCPC VIDEO / DATA
19700.0000 - 20200.0000 MHz	5M70G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	2M90G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	2M20G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	54M0G7W		QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	36M0G7W		QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	24M0G7W		QPSK, MCPC VIDEO

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18300.0000 - 18800.0000 MHz	8M50G7W		QPSK, MCPC / SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	14M1G7W		QPSK, MCPC / SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	5M70G1W		QPSK, SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	2M90G1W		QPSK, SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	2M20G1W		QPSK, SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	22M6G7W		QPSK, MCPC VIDEO / DATA
18300.0000 - 18800.0000 MHz	54M0G7W		QPSK, MCPC VIDEO
18300.0000 - 18800.0000 MHz	36M0G7W		QPSK, MCPC VIDEO
18300.0000 - 18800.0000 MHz	24M0G7W		QPSK, MCPC VIDEO
29995.0000 - 30000.0000 MHz	NON	73.00 dBW	UNMODULATED POINTING BEACON

**Points of Communication:**

- 1 - DIRECTV 14 (2869) - (99.235 WL)
- 1 - DIRECTV 8 (K) - (101 W.L.)
- 1 - DIRECTV 9S - (101 W.L.)
- 1 - SPACEWAY 1 - (103 W.L.)
- 1 - SPACEWAY 2 - (99 W.L.)

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<b>SES-STA-20140620-00543</b>	E	E140059	SES Americom, Inc.	
Special Temporary Authority				
Withdrawn				Date Effective: 10/31/2014

**Class of Station:**

**Points of Communication:**

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<b>SES-STA-20141007-00791</b>	E	E120040	DG Consents Sub, Inc.	
Special Temporary Authority				
Grant of Authority				Date Effective: 10/27/2014

**Class of Station:**

On October 27, 2014, DG Consents Sub, Inc. was granted special temporary authority, for a period of 60 days beginning on October 27, 2014, to operate its fixed earth station located in Rock Springs, WY, to communicate with the WorldView-3 satellite (S2129) using a center frequency of 2085.6875 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20141022-00815** E Multi-Link Holland

Special Temporary Authority

Grant of Authority

Date Effective: 10/29/2014

**Class of Station:**

On October 29, 2014, Multi-Link Holland was granted special temporary authority, for a period of five days beginning October 29, 2014, to use a temporary-fixed earth station at the Circuit of the Americas in Del Valle, TX, to communicate with the SES-6 satellite (S2870) at the 40.5 ° W.L. orbital location using a center frequency of 6311 MHz (Earth-to-space).

**Points of Communication:**

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**SES-STA-20141027-00821** E Multi-Link Holland

Special Temporary Authority

Grant of Authority

Date Effective: 10/29/2014

**Class of Station:**

On October 29, 2014, Multi-Link Holland was granted special temporary authority, for a period of five days beginning October 29, 2014, to use a temporary-fixed earth station at the Circuit of the Americas in Del Valle, TX, to communicate with the Intelsat 1R satellite (S2368) at the 50 ° W.L. orbital location using a center frequency of 5982 MHz (Earth-to-space).

**Points of Communication:**

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