



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01474

Wednesday August 8, 2012

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-AFS-20120620-00562 E KA399 TELESAT NETWORK SERVICES, INC.

Amendment

Grant of Authority

Date Effective: 08/06/2012

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MOUNT JACKSON, VA
38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID:	15M	15 meters	VERTEX	15 KPK
	14001.0000 - 14499.0000 MHz	960KF2D	93.10 dBW	TT&C
	14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
	14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
	14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
	14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
	14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
	14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
	14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
	14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
	14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	

14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M03G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	64.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	78.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1C	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1D	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1E	91.80 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	90.60 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	86.10 dBW	DIGITAL, VIDEO, DATA AND VOICE
14000.0000 - 14500.0000 MHz	36M0G7W	73.40 dBW	DIGITAL, VIDEO, DATA AND VOICE
13810.0000 - 14000.0000 MHz	54M0G7W	85.00 dBW	DIGITAL, VIDEO, DATA AND VOICE
11705.5000 - 12199.0000 MHz	850KF2D		TT&C
11700.0000 - 12200.0000 MHz			
11700.0000 - 12200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11700.0000 MHz	54M0G7W		(WTO-COVERED SERVICES ONLY)
10950.0000 - 11200.0000 MHz			INTELSAT
14000.5000 - 14499.5000 MHz	960KF2D	93.10 dBW	TT&C
ANTENNA ID: LMA4T11N	9 meters	VERTEX	9 KPK

14498.0000 - 14500.0000 MHz	850KF2D	69.70 dBW	
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	86.50 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	85.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	74.70 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	86.50 dBW	
14000.0000 - 14500.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	3M52G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
13810.0000 - 14000.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	3M52G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK

11700.0000 - 12200.0000 MHz				
11700.0000 - 12200.0000 MHz	1M60G7W			1750 Kbps, 66 FEC, QPSK
11700.0000 - 12200.0000 MHz	400KG7W			350 Kbps, 533 FEC, QPSK
11700.0000 - 12200.0000 MHz	470KG7W			410 Kbps, 533 FEC, QPSK
11451.0000 - 11451.0000 MHz	850KF2D			ORION
11450.5000 - 11450.5000 MHz	850KF2D			ORION
11450.0000 - 11950.0000 MHz				INTELSAT
11450.0000 - 11700.0000 MHz	1M60G7W			1750 Kbps, 66 FEC, QPSK
11450.0000 - 11700.0000 MHz	400KG7W			350 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	470KG7W			410 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz	500KG7W			540 Kbps, 66 FEC, QPSK
10950.0000 - 11200.0000 MHz				INTELSAT
10950.0000 - 11200.0000 MHz	1M60G7W			1750 Kbps, .66 FEC, QPSK
10950.0000 - 11200.0000 MHz	400KG7W			350 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	470KG7W			410 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz	500KG7W			540 Kbps, 66 FEC, QPSK
ANTENNA ID: 1.8M	1.8 meters	PRODELIN		1184
14000.0000 - 14500.0000 MHz	200KG7W	49.50 dBW		
14000.0000 - 14500.0000 MHz	320KG7W	49.50 dBW		
14000.0000 - 14500.0000 MHz	640KG7W	49.50 dBW		
11700.0000 - 12200.0000 MHz	200KG7W			
11700.0000 - 12200.0000 MHz	320KG7W			
11700.0000 - 12200.0000 MHz	640KG7W			
ANTENNA ID: 2.4M	2.4 meters	PRODELIN		1246
14000.0000 - 14500.0000 MHz	1M28G7W	58.20 dBW		
14000.0000 - 14500.0000 MHz	2M56G7W	58.20 dBW		

	14000.0000 - 14500.0000 MHz	800KG7W	58.20 dBW	
	11700.0000 - 12200.0000 MHz	2M56G7W		
	11700.0000 - 12200.0000 MHz	1M28G7W		ORION, PAS
	11700.0000 - 12200.0000 MHz	800KG7W		
ANTENNA ID:	4003A ESV	1 meters	SEATEL	4003A
	12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11700.0000 - 12200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
ANTENNA ID:	4006 ESV	1 meters	SEATEL	4006
	14000.0000 - 14500.0000 MHz	400KG7W	45.50 dBW	350 Kbps, .533 FEC, QPSK
	14000.0000 - 14500.0000 MHz	500KG7W	46.50 dBW	540 Kbps, .66 FEC, QPSK
	14000.0000 - 14500.0000 MHz	470KG7W	46.20 dBW	410 Kbps, .533 FEC, QPSK
	14000.0000 - 14500.0000 MHz	1M60G7W	50.30 dBW	1750 Kbps, .66 FEC, QPSK
	12500.0000 - 12750.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	12500.0000 - 12750.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	12500.0000 - 12750.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK

11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
ANTENNA ID: 2406 ESV	0.6 meters	SEATEL	2406
14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 6006 ESV	1.5 meters	SEATEL	6006
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 4009 ESV	1 meters	SEATEL	4009
14200.0000 - 14470.0000 MHz	400KG7W	45.50 dBW	350KBPS, .533 FEC, QPSK
14200.0000 - 14470.0000 MHz	500KG7W	46.50 dBW	540 KBPS, .66 FEC, QPSK
14200.0000 - 14470.0000 MHz	1M60G7W	50.30 dBW	1750 KBPS, . 66 FEC, QPSK
14200.0000 - 14470.0000 MHz	470KG7W	46.20 dBW	410 KBPS, .533 FEC, QPSK

12500.0000 - 12750.0000 MHz	1M76G7W		NULL
12500.0000 - 12750.0000 MHz	3M52G7W		NULL
12500.0000 - 12750.0000 MHz	5M77G7W		NULL
11700.0000 - 12200.0000 MHz	1M76G7W		NULL
11700.0000 - 12200.0000 MHz	3M52G7W		NULL
11700.0000 - 12200.0000 MHz	5M77G7W		NULL
11450.0000 - 11700.0000 MHz	1M76G7W		NULL
11450.0000 - 11700.0000 MHz	3M52G7W		NULL
11450.0000 - 11700.0000 MHz	5M77G7W		NULL
10950.0000 - 11200.0000 MHz	1M76G7W		NULL
10950.0000 - 11200.0000 MHz	3M52G7W		NULL
10950.0000 - 11200.0000 MHz	5M77G7W		NULL
ANTENNA ID: 6009 ESV	1.5 meters	SEATEL	6009
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 KBPS, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: USAT 24	0.6 meters	SEATEL	USAT 24
14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 KBPS, QPSK, 33/50 FEC
12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
ANTENNA ID: 9797 ESV	2.4 meters	SEATEL	9797
14200.0000 - 14470.0000 MHz	943KG7W	57.50 dBW	1037 KBPS, QPSK, 33/50 FEC

12500.0000 - 12750.0000 MHz	943KG7W		NULL
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
ANTENNA ID: SE125ESV	1.25 meters	AZIMUTH	SE125
14200.0000 - 14470.0000 MHz	907KG7W	46.10 dBW	1037 Kbps, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	907KG7W		
11450.0000 - 11700.0000 MHz	907KG7W		
11700.0000 - 12200.0000 MHz	907KG7W		
ANTENNA ID: V60GESV	0.6 meters	INTELLIAN	V60G
14200.0000 - 14470.0000 MHz	717KG7W	38.30 dBW	QPSK, BPSK
10950.0000 - 11200.0000 MHz	717KG7W		QPSK, BPSK
11450.0000 - 11700.0000 MHz	717KG7W		QPSK, BPSK
11700.0000 - 12200.0000 MHz	717KG7W		QPSK, BPSK
ANTENNA ID: V110ESV	1.05 meters	INTELLIAN	V110
14200.0000 - 14470.0000 MHz	970KG7W	49.30 dBW	QPSK, BPSK
10950.0000 - 11200.0000 MHz	970KG7W		QPSK, BPSK
11450.0000 - 11700.0000 MHz	970KG7W		QPSK, BPSK
11700.0000 - 12200.0000 MHz	970KG7W		QPSK, BPSK

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ESTRELA DO SUL 2 - (63 W.L.)

1 - MSAT-1 - (106.5 W.L.)

1 - MSAT-2 (AMSC-1) - (103.3 W.L.)

1 - TELSTAR 11N - (37.55 W.L.)

SES-AMD-20120619-00552 E E090086 VSAT SYSTEMS, LLC

Amendment

Grant of Authority

Date Effective: 08/07/2012

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: Remote 4

LOCATION: 157 UNITS, (1.0m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-4	1 meters	PATRIOT ANT. SYSTEMS	1M.
	14000.0000 - 14500.0000 MHz	2M00G7W	46.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	38.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 5

LOCATION: 384 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-5	1.2 meters	PRODELIN CORPORATION	1.2M.
	14000.0000 - 14500.0000 MHz	2M00G7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 6

LOCATION: 945 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-6	1.2 meters	ANDREW CORPORATION	ESA1.2M.
	14000.0000 - 14500.0000 MHz	2M00G7W	49.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 2

LOCATION: 40 UNITS, (.95m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-2	0.95 meters	PRODELIN CORPORATION	0.95M.
	14000.0000 - 14500.0000 MHz	2M00G7W	46.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2

14000.0000 - 14500.0000 MHz	300KG7W	41.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 3
LOCATION: 99 UNITS, (.98m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: R-3 0.98 meters PRODELIN CORPORATION 0.98M.

14000.0000 - 14500.0000 MHz	2M00G7W	46.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	38.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 15
LOCATION: 5 UNITS, (2.4m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: R-15 2.4 meters CHANNEL MASTER 2.4M.

14000.0000 - 14500.0000 MHz	2M00G7W	54.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	54.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 12
LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: R-12 1.8 meters PRODELIN CORPORATION 1.8M.

14000.0000 - 14500.0000 MHz	2M00G7W	51.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 13
LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-13	1.8 meters	PATRIOT ANT. SYSTEMS	180KU
	14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	51.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Akron (6.3m Hub)
 LOCATION: 1520 S. ARLINGTON (6.3m Hub2), SUMMIT, AKRON, OH
 41 ° 1 ' 51.50 " N LAT. 81 ° 29 ' 33.20 " W LONG.

ANTENNA ID:	Hub 2	6.3 meters	VERTEX/RSI	6.3M.
	14000.0000 - 14500.0000 MHz	12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	300KG7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Akron (6.3m Hub)
 LOCATION: 1520 S. ARLINGTON (6.3m Hub3), SUMMIT, AKRON, OH
 41 ° 1 ' 51.10 " N LAT. 81 ° 29 ' 34.10 " W LONG.

ANTENNA ID:	Hub 3	6.3 meters	VERTEX/RSI	6.3M
	14000.0000 - 14500.0000 MHz	12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	300KG7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 1
 LOCATION: 220 UNITS (.75m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK HI

ANTENNA ID:	R-1	0.75 meters	CHANNEL MASTER	0.75M
	14000.0000 - 14500.0000 MHz	2M00G7W	44.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	37.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2

11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK
SITE ID:	Remote 7		
LOCATION:	745 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI		
ANTENNA ID:	R-7	1.2 meters	C-COM 1.2M.
14000.0000 - 14500.0000 MHz	2M00G7W	47.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	47.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK
SITE ID:	Remote 9		
LOCATION:	200 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI		
ANTENNA ID:	R-9	1.2 meters	PATRIOT ANT. SYSTEMS 1.2M.
14000.0000 - 14500.0000 MHz	2M00G7W	53.90 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	48.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK
SITE ID:	Remote 10		
LOCATION:	87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI		
ANTENNA ID:	R-10	1.8 meters	ANDREW CORPORATION ASC1.8
14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK
SITE ID:	Remote 11		
LOCATION:	87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI		
ANTENNA ID:	R-11	1.8 meters	CHANNEL MASTER 1.8M.

14000.0000 - 14500.0000 MHz	2M00G7W	52.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 8

LOCATION: 945 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: R-8	1.2 meters	CHANNEL MASTER	120TX
14000.0000 - 14500.0000 MHz	2M00G7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 14

LOCATION: 5 UNITS, (2.4m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: R-14	2.4 meters	PATRIOT ANT. SYSTEMS	240KU
14000.0000 - 14500.0000 MHz	2M00G7W	54.40 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	54.40 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: HUB4

LOCATION: 1520 S. ARLINGTON (8.1m Hub4), SUMMIT, AKRON, OH
41 ° 1 ' 50.80 " N LAT. 81 ° 29 ' 34.20 " W LONG.

ANTENNA ID: Hub 4	8.1 meters	HARRIS/VERTEX	5349
14000.0000 - 14500.0000 MHz	12M0G7W	79.70 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	1M50G7W		DIGITAL AUDIO AND DATA, 8PSK, DBS2

SITE ID: HUB5
LOCATION: 1520 S. ARLINGTON (8.1m Hub5), SUMMIT, AKRON, OH
41 ° 1 ' 50.60 " N LAT. 81 ° 29 ' 33.30 " W LONG.

ANTENNA ID:	Hub 5	8.1 meters	HARRIS/VERTEX	5349
	14000.0000 - 14500.0000 MHz	12M0G7W	79.70 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	1M50G7W		DIGITAL AUDIO AND DATA, 8PSK, DBS2

SITE ID: Akron (6.3m Hub)
LOCATION: 1520 S. ARLINGTON (6.3m Hub1), SUMMIT, AKRON, OH
41 ° 1 ' 51.50 " N LAT. 81 ° 29 ' 33.70 " W LONG.

ANTENNA ID:	Hub 1	6.3 meters	VERTEX/RSI	6.3M.
	14000.0000 - 14500.0000 MHz	12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	300KG7W		DIGITAL AUDIO AND DATA, 8PSK

Points of Communication:

Akron (6.3m Hub) - ALSAT - (ALSAT)
Akron (6.3m Hub) - ALSAT - (ALSAT)
Akron (6.3m Hub) - ALSAT - (ALSAT)
Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)
Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)
Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)
HUB4 - ALSAT - (ALSAT)
HUB5 - ALSAT - (ALSAT)
Remote 1 - ALSAT - (ALSAT)
Remote 1 - TELSTAR 11N - (37.55 W.L.)
Remote 10 - ALSAT - (ALSAT)
Remote 10 - TELSTAR 11N - (37.55 W.L.)
Remote 11 - ALSAT - (ALSAT)

Remote 11 - TELSTAR 11N - (37.55 W.L.)

Remote 12 - ALSAT - (ALSAT)

Remote 12 - TELSTAR 11N - (37.55 W.L.)

Remote 13 - ALSAT - (ALSAT)

Remote 13 - TELSTAR 11N - (37.55 W.L.)

Remote 14 - ALSAT - (ALSAT)

Remote 14 - TELSTAR 11N - (37.55 W.L.)

Remote 15 - ALSAT - (ALSAT)

Remote 15 - TELSTAR 11N - (37.55 W.L.)

Remote 2 - ALSAT - (ALSAT)

Remote 2 - TELSTAR 11N - (37.55 W.L.)

Remote 3 - ALSAT - (ALSAT)

Remote 3 - TELSTAR 11N - (37.55 W.L.)

Remote 4 - ALSAT - (ALSAT)

Remote 4 - TELSTAR 11N - (37.55 W.L.)

Remote 5 - ALSAT - (ALSAT)

Remote 5 - TELSTAR 11N - (37.55 W.L.)

Remote 6 - ALSAT - (ALSAT)

Remote 6 - TELSTAR 11N - (37.55 W.L.)

Remote 7 - ALSAT - (ALSAT)

Remote 7 - TELSTAR 11N - (37.55 W.L.)

Remote 8 - ALSAT - (ALSAT)

Remote 8 - TELSTAR 11N - (37.55 W.L.)

Remote 9 - ALSAT - (ALSAT)

Remote 9 - TELSTAR 11N - (37.55 W.L.)

SES-ASG-20120615-00523 E E030207 Tribune Television Northwest, Inc., Debtor-In-Possession

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/01/2012

Current Licensee: Tribune Television Northwest, Inc., Debtor-In-Possession

FROM: TRIBUNE TELEVISION NORTHWEST, INC., DEBTOR-IN-POSSESSION

TO: Tribune Broadcasting Seattle, LLC, Debtor-in-Possession

No. of Station(s) listed: 1

SES-ASG-20120615-00530	E	E000330	KIAH Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: KIAH Inc., Debtor-In-Possession			
FROM: KIAH INC., DEBTOR-IN-POSSESSION			
TO: KIAH, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00533	E	E110041	KTLA Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: KTLA Inc., Debtor-In-Possession			
FROM: KTLA INC., DEBTOR-IN-POSSESSION			
TO: KTLA, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00535	E	E870836	KTLA Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: KTLA Inc., Debtor-In-Possession			
FROM: KTLA INC., DEBTOR-IN-POSSESSION			
TO: KTLA, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00542	E	E020240	KWGN Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: KWGN Inc., Debtor-In-Possession			
FROM: KWGN INC., DEBTOR-IN-POSSESSION			
TO: KWGN, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00550	E	E990179	KWGN Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: KWGN Inc., Debtor-In-Possession			
FROM: KWGN INC., DEBTOR-IN-POSSESSION			
TO: KWGN, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00551	E	E040317	WPIX, Inc., Debtor-In-Possession
Application for Consent to Assignment			Date Effective: 08/01/2012
Grant of Authority			
Current Licensee: WPIX, Inc., Debtor-In-Possession			
FROM: WPIX, INC., DEBTOR-IN-POSSESSION			
TO: WPIX, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1

SES-ASG-20120615-00553	E	E000143	Tribune Television Company, Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: Tribune Television Company, Debtor-In-Possession			
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION			
TO: KDAF, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00556	E	E860695	WPIX, Inc., Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: WPIX, Inc., Debtor-In-Possession			
FROM: WPIX, INC., DEBTOR-IN-POSSESSION			
TO: WPIX, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00558	E	E970060	WPIX, Inc., Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: WPIX, Inc., Debtor-In-Possession			
FROM: WPIX, INC., DEBTOR-IN-POSSESSION			
TO: WPIX, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00561	E	E110038	WPIX, Inc., Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: WPIX, Inc., Debtor-In-Possession			
FROM: WPIX, INC., DEBTOR-IN-POSSESSION			
TO: WPIX, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00564	E	E120002	WPIX, Inc., Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: WPIX, Inc., Debtor-In-Possession			
FROM: WPIX, INC., DEBTOR-IN-POSSESSION			
TO: WPIX, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1
SES-ASG-20120615-00566	E	E070263	Channel 40, Inc., Debtor-In-Possession
Application for Consent to Assignment			
Grant of Authority			Date Effective: 08/01/2012
Current Licensee: Channel 40, Inc., Debtor-In-Possession			
FROM: CHANNEL 40, INC., DEBTOR-IN-POSSESSION			
TO: KTXL, LLC, Debtor-in-Possession			
			No. of Station(s) listed: 1

SES-ASG-20120615-00569	E	E030089	Tribune Television Company, Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: Tribune Television Company, Debtor-In-Possession				
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION				
TO: WPMT, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 1
SES-ASG-20120615-00571	E	E010013	KTLA Inc., Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: KTLA Inc., Debtor-In-Possession				
FROM: KTLA INC., DEBTOR-IN-POSSESSION				
TO: KTLA, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 2
SES-ASG-20120615-00575	E	E090014	Tribune Television Company, Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: Tribune Television Company, Debtor-In-Possession				
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION				
TO: Tribune Broadcasting Hartford, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 2
SES-ASG-20120615-00578	E	E861091	Tribune Television Company, Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: Tribune Television Company, Debtor-In-Possession				
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION				
TO: WPHL, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 1
SES-ASG-20120615-00580	E	E050094	Tribune Television Company, Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: Tribune Television Company, Debtor-In-Possession				
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION				
TO: Tribune Broadcasting Indianapolis, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 1
SES-ASG-20120615-00585	E	E080179	KSWB Inc., Debtor-In-Possession	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 08/01/2012
Current Licensee: KSWB Inc., Debtor-In-Possession				
FROM: KSWB INC., DEBTOR-IN-POSSESSION				
TO: KSWB, LLC, Debtor-in-Possession				
				No. of Station(s) listed: 1

SES-ASG-20120615-00586 E E940358 Tribune Television Company, Debtor-In-Possession
Application for Consent to Assignment
Grant of Authority
Date Effective: 08/01/2012

Current Licensee: Tribune Television Company, Debtor-In-Possession
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION
TO: Tribune Broadcasting Indianapolis, LLC, Debtor-in-Possession

No. of Station(s) listed: 1

SES-ASG-20120615-00588 E E010294 Tribune Television Company, Debtor-In-Possession
Application for Consent to Assignment
Grant of Authority
Date Effective: 08/01/2012

Current Licensee: Tribune Television Company, Debtor-In-Possession
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION
TO: Tribune Broadcasting Indianapolis, LLC, Debtor-in-Possession

No. of Station(s) listed: 1

SES-ASG-20120615-00590 E E110039 Tribune Television Company, Debtor-In-Possession
Application for Consent to Assignment
Grant of Authority
Date Effective: 08/01/2012

Current Licensee: Tribune Television Company, Debtor-In-Possession
FROM: TRIBUNE TELEVISION COMPANY, DEBTOR-IN-POSSESSION
TO: Tribune Broadcasting Indianapolis, LLC, Debtor-in-Possession

No. of Station(s) listed: 1

SES-LIC-20120622-00613 E E120111 Somerset Educational Broadcasting Foundation **EZ**
Application for Authority 07/31/2012 - 07/31/2027
Grant of Authority Date Effective: 07/31/2012

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: One
LOCATION: 2034 NORTH HIGHWAY 39, PULASKI, SOMERSET, KY
37 ° 7 ' 18.00 " N LAT. 84 ° 35 ' 40.00 " W LONG.

ANTENNA ID: One	2.4 meters	CHANNEL MASTER	2.4 R/T Linear
14000.0000 - 14500.0000 MHz	154KG7W	51.04 dBW	Digitally encoded audio and data @ 128 Kbps, QPSK, 1/2 FEC
11700.0000 - 12200.0000 MHz	154KG7W		Digitally encoded audio and data @ 128 Kbps, QPSK, 1/2 FEC

Points of Communication:

One - PERMITTED LIST - ()

SES-LIC-20120625-00618 E E120117 VIASAT, INC.
Application for Authority 08/06/2012 - 08/06/2027
Grant of Authority Date Effective: 08/06/2012

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6155 El Camino Real, San Diego, Carlsbad, CA
33 ° 7 ' 30.92 " N LAT.

117 ° 16 ' 3.10 " W LONG.

ANTENNA ID:	1	3.8 meters	Prodelin	1185
11700.0000 - 12200.0000 MHz		36M0G7D	49.50 dBW	Digital data
14000.0000 - 14500.0000 MHz		36M0G7D	72.45 dBW	Digital data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20120229-00267 E E090086 VSAT SYSTEMS, LLC

Application for Modification

07/28/2009 - 07/28/2024

Grant of Authority

Date Effective: 08/07/2012

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: Remote 4

LOCATION: 157 UNITS, (1.0m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-4	1 meters	PATRIOT ANT. SYSTEMS	1M.
14000.0000 - 14500.0000 MHz		2M00G7W	46.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz		300KG7W	38.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz		12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz		2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 5

LOCATION: 384 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-5	1.2 meters	PRODELIN CORPORATION	1.2M.
14000.0000 - 14500.0000 MHz		2M00G7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz		300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz		12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz		2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 6
LOCATION: 945 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-6	1.2 meters	ANDREW CORPORATION	ESA1.2M.
14000.0000 - 14500.0000 MHz	2M00G7W	49.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
14000.0000 - 14500.0000 MHz	300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK	
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK	

SITE ID: Remote 2
LOCATION: 40 UNITS, (.95m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-2	0.95 meters	PRODELIN CORPORATION	0.95M.
14000.0000 - 14500.0000 MHz	2M00G7W	46.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
14000.0000 - 14500.0000 MHz	300KG7W	41.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK	
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK	

SITE ID: Remote 3
LOCATION: 99 UNITS, (.98m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-3	0.98 meters	PRODELIN CORPORATION	0.98M.
14000.0000 - 14500.0000 MHz	2M00G7W	46.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
14000.0000 - 14500.0000 MHz	300KG7W	38.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK	
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK	

SITE ID: Remote 15
LOCATION: 5 UNITS, (2.4m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-15	2.4 meters	CHANNEL MASTER	2.4M.
14000.0000 - 14500.0000 MHz	2M00G7W	54.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2	

14000.0000 - 14500.0000 MHz	300KG7W	54.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 12

LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-12	1.8 meters	PRODELIN CORPORATION	1.8M.
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14000.0000 - 14500.0000 MHz	2M00G7W	51.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 13

LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-13	1.8 meters	PATRIOT ANT. SYSTEMS	180KU
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14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Akron (6.3m Hub)

LOCATION: 1520 S. ARLINGTON (6.3m Hub2), SUMMIT, AKRON, OH
41 ° 1 ' 51.50 " N LAT. 81 ° 29 ' 33.20 " W LONG.

ANTENNA ID:	Hub 2	6.3 meters	VERTEX/RSI	6.3M.
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14000.0000 - 14500.0000 MHz	12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	300KG7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Akron (6.3m Hub)
LOCATION: 1520 S. ARLINGTON (6.3m Hub3), SUMMIT, AKRON, OH
41 ° 1 ' 51.10 " N LAT. 81 ° 29 ' 34.10 " W LONG.

ANTENNA ID:	Hub 3	6.3 meters	VERTEX/RSI	6.3M
14000.0000 - 14500.0000 MHz		12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz		2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz		2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz		300KG7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 1
LOCATION: 220 UNITS (.75m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK HI

ANTENNA ID:	R-1	0.75 meters	CHANNEL MASTER	0.75M
14000.0000 - 14500.0000 MHz		2M00G7W	44.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz		300KG7W	37.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz		12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz		2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 7
LOCATION: 745 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-7	1.2 meters	C-COM	1.2M.
14000.0000 - 14500.0000 MHz		2M00G7W	47.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz		300KG7W	47.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz		12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz		2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 9
LOCATION: 200 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-9	1.2 meters	PATRIOT ANT. SYSTEMS	1.2M.
14000.0000 - 14500.0000 MHz		2M00G7W	53.90 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2

14000.0000 - 14500.0000 MHz	300KG7W	48.30 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 10
LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-10	1.8 meters	ANDREW CORPORATION	ASC1.8
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14000.0000 - 14500.0000 MHz	2M00G7W	54.00 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 11
LOCATION: 87 UNITS, (1.8m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-11	1.8 meters	CHANNEL MASTER	1.8M.
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14000.0000 - 14500.0000 MHz	2M00G7W	52.80 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	51.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 8
LOCATION: 945 UNITS, (1.2m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-8	1.2 meters	CHANNEL MASTER	120TX
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14000.0000 - 14500.0000 MHz	2M00G7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
14000.0000 - 14500.0000 MHz	300KG7W	48.10 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK

SITE ID: Remote 14
LOCATION: 5 UNITS, (2.4m Remotes) VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID:	R-14	2.4 meters	PATRIOT ANT. SYSTEMS	240KU
	14000.0000 - 14500.0000 MHz	2M00G7W	54.40 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	300KG7W	54.40 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	12M0G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL AUDIO AND DATA, 8PSK
SITE ID:	HUB4			
LOCATION:	1520 S. ARLINGTON (8.1m Hub4), SUMMIT, AKRON, OH			
	41 ° 1 ' 50.80 " N LAT.		81 ° 29 ' 34.20 " W LONG.	
ANTENNA ID:	Hub 4	8.1 meters	HARRIS/VERTEX	5349
	14000.0000 - 14500.0000 MHz	12M0G7W	79.70 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	1M50G7W		DIGITAL AUDIO AND DATA, 8PSK, DBS2
SITE ID:	HUB5			
LOCATION:	1520 S. ARLINGTON (8.1m Hub5), SUMMIT, AKRON, OH			
	41 ° 1 ' 50.60 " N LAT.		81 ° 29 ' 33.30 " W LONG.	
ANTENNA ID:	Hub 5	8.1 meters	HARRIS/VERTEX	5349
	11700.0000 - 12200.0000 MHz	1M50G7W		DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	12M0G7W	79.70 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
SITE ID:	Akron (6.3m Hub)			
LOCATION:	1520 S. ARLINGTON (6.3m Hub1), SUMMIT, AKRON, OH			
	41 ° 1 ' 51.50 " N LAT.		81 ° 29 ' 33.70 " W LONG.	
ANTENNA ID:	Hub 1	6.3 meters	VERTEX/RSI	6.3M.
	14000.0000 - 14500.0000 MHz	12M0G7W	77.50 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	14000.0000 - 14500.0000 MHz	2M60G7W	71.60 dBW	DIGITAL AUDIO AND DATA, 8PSK, DBS2
	11700.0000 - 12200.0000 MHz	2M00G7W		DIGITAL AUDIO AND DATA, 8PSK
	11700.0000 - 12200.0000 MHz	300KG7W		DIGITAL AUDIO AND DATA, 8PSK

Points of Communication:

Akron (6.3m Hub) - ALSAT - (ALSAT)

Akron (6.3m Hub) - ALSAT - (ALSAT)

Akron (6.3m Hub) - ALSAT - (ALSAT)

Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)

Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)

Akron (6.3m Hub) - TELSTAR 11N - (37.55 W.L.)

HUB4 - ALSAT - (ALSAT)

HUB5 - ALSAT - (ALSAT)

Remote 1 - ALSAT - (ALSAT)

Remote 1 - TELSTAR 11N - (37.55 W.L.)

Remote 10 - ALSAT - (ALSAT)

Remote 10 - TELSTAR 11N - (37.55 W.L.)

Remote 11 - ALSAT - (ALSAT)

Remote 11 - TELSTAR 11N - (37.55 W.L.)

Remote 12 - ALSAT - (ALSAT)

Remote 12 - TELSTAR 11N - (37.55 W.L.)

Remote 13 - ALSAT - (ALSAT)

Remote 13 - TELSTAR 11N - (37.55 W.L.)

Remote 14 - ALSAT - (ALSAT)

Remote 14 - TELSTAR 11N - (37.55 W.L.)

Remote 15 - ALSAT - (ALSAT)

Remote 15 - TELSTAR 11N - (37.55 W.L.)

Remote 2 - ALSAT - (ALSAT)

Remote 2 - TELSTAR 11N - (37.55 W.L.)

Remote 3 - ALSAT - (ALSAT)

Remote 3 - TELSTAR 11N - (37.55 W.L.)

Remote 4 - ALSAT - (ALSAT)

Remote 4 - TELSTAR 11N - (37.55 W.L.)

Remote 5 - ALSAT - (ALSAT)

Remote 5 - TELSTAR 11N - (37.55 W.L.)

Remote 6 - ALSAT - (ALSAT)

Remote 6 - TELSTAR 11N - (37.55 W.L.)

Remote 7 - ALSAT - (ALSAT)

Remote 7 - TELSTAR 11N - (37.55 W.L.)

Remote 8 - ALSAT - (ALSAT)

Remote 8 - TELSTAR 11N - (37.55 W.L.)

Remote 9 - ALSAT - (ALSAT)

Remote 9 - TELSTAR 11N - (37.55 W.L.)

SES-MOD-20120308-00248 E KA399 TELESAT NETWORK SERVICES, INC.

Application for Modification

12/30/2003 - 12/30/2018

Date Effective:

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MOUNT JACKSON, VA
38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID:	15M	15 meters	VERTEX	15 KPK	
14001.0000 - 14499.0000 MHz			960KF2D	93.10 dBW	TT&C
14000.0000 - 14500.0000 MHz			17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz			36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz			49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz			49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz			49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz			1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz			1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz			1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz			7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz			7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz			7M03G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz			100HN0N	64.50 dBW	
14000.0000 - 14500.0000 MHz			2M70G1C	78.80 dBW	

14000.0000 - 14500.0000 MHz	2M70G1D	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	78.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1C	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1D	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1E	91.80 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	90.60 dBW	
14000.0000 - 14500.0000 MHz	36M0G7W	86.10 dBW	DIGITAL, VIDEO, DATA AND VOICE
14000.0000 - 14500.0000 MHz	36M0G7W	73.40 dBW	DIGITAL, VIDEO, DATA AND VOICE
13810.0000 - 14000.0000 MHz	54M0G7W	85.00 dBW	DIGITAL, VIDEO, DATA AND VOICE
11705.5000 - 12199.0000 MHz	850KF2D		TT&C
11700.0000 - 12200.0000 MHz			
11700.0000 - 12200.0000 MHz	500KG7W		540 Kbps, 66 FEC, QPSK
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11700.0000 MHz	54M0G7W		(WTO-COVERED SERVICES ONLY)
10950.0000 - 11200.0000 MHz			INTELSAT
14000.5000 - 1499.5000 MHz	960KF2D	93.10 dBW	TT&C
ANTENNA ID: LMA4T11N	9 meters	VERTEX	9 KPK
14498.0000 - 14500.0000 MHz	850KF2D	69.70 dBW	
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	

14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	86.50 dBW	
14000.0000 - 14500.0000 MHz	100HN0N	85.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	74.70 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	86.50 dBW	
14000.0000 - 14500.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
14000.0000 - 14500.0000 MHz	3M52G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
14000.0000 - 14500.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
13810.0000 - 14000.0000 MHz	1M76G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	3M52G7W	69.00 dBW	1560 Kbps, .533 FEC, QPSK
13810.0000 - 14000.0000 MHz	5M77G7W	69.00 dBW	2560 Kbps, .533 FEC, BPSK
11700.0000 - 12200.0000 MHz			
11700.0000 - 12200.0000 MHz	1M60G7W		1750 Kbps, 66 FEC, QPSK
11700.0000 - 12200.0000 MHz	400KG7W		350 Kbps, 533 FEC, QPSK
11700.0000 - 12200.0000 MHz	470KG7W		410 Kbps, 533 FEC, QPSK

11451.0000 - 11451.0000 MHz			850KF2D	ORION
11450.5000 - 11450.5000 MHz			850KF2D	ORION
11450.0000 - 11950.0000 MHz				INTELSAT
11450.0000 - 11700.0000 MHz			1M60G7W	1750 Kbps, 66 FEC, QPSK
11450.0000 - 11700.0000 MHz			400KG7W	350 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz			470KG7W	410 Kbps, 533 FEC, QPSK
11450.0000 - 11700.0000 MHz			500KG7W	540 Kbps, 66 FEC, QPSK
10950.0000 - 11200.0000 MHz				INTELSAT
10950.0000 - 11200.0000 MHz			1M60G7W	1750 Kbps, .66 FEC, QPSK
10950.0000 - 11200.0000 MHz			400KG7W	350 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz			470KG7W	410 Kbps, 533 FEC, QPSK
10950.0000 - 11200.0000 MHz			500KG7W	540 Kbps, 66 FEC, QPSK
ANTENNA ID:	1.8M	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz			200KG7W	49.50 dBW
14000.0000 - 14500.0000 MHz			320KG7W	49.50 dBW
14000.0000 - 14500.0000 MHz			640KG7W	49.50 dBW
11700.0000 - 12200.0000 MHz			200KG7W	
11700.0000 - 12200.0000 MHz			320KG7W	
11700.0000 - 12200.0000 MHz			640KG7W	
ANTENNA ID:	2.4M	2.4 meters	PRODELIN	1246
14000.0000 - 14500.0000 MHz			1M28G7W	58.20 dBW
14000.0000 - 14500.0000 MHz			2M56G7W	58.20 dBW
14000.0000 - 14500.0000 MHz			800KG7W	58.20 dBW
11700.0000 - 12200.0000 MHz			2M56G7W	
11700.0000 - 12200.0000 MHz			1M28G7W	ORION, PAS
11700.0000 - 12200.0000 MHz			800KG7W	

ANTENNA ID:	4003A ESV	1 meters	SEATEL	4003A
	11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11700.0000 - 12200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	12500.0000 - 12750.0000 MHz	1M76G7W		1560 KBPS, .533 FEC, QPSK
	12500.0000 - 12750.0000 MHz	3M52G7W		1560 KBPS, .533 FEC, BPSK
	12500.0000 - 12750.0000 MHz	5M77G7W		2560 KBPS, .533 FEC, BPSK

ANTENNA ID:	4006 ESV	1 meters	SEATEL	4006
	14000.0000 - 14500.0000 MHz	400KG7W	45.50 dBW	350 Kbps, .533 FEC, QPSK
	14000.0000 - 14500.0000 MHz	500KG7W	46.50 dBW	540 Kbps, .66 FEC, QPSK
	14000.0000 - 14500.0000 MHz	470KG7W	46.20 dBW	410 Kbps, .533 FEC, QPSK
	14000.0000 - 14500.0000 MHz	1M60G7W	50.30 dBW	1750 Kbps, .66 FEC, QPSK
	11700.0000 - 12200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11700.0000 - 12200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	11450.0000 - 11700.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	11450.0000 - 11700.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	1M76G7W		1560 Kbps, .533 FEC, QPSK
	10950.0000 - 11200.0000 MHz	3M52G7W		1560 Kbps, .533 FEC, BPSK
	10950.0000 - 11200.0000 MHz	5M77G7W		2560 Kbps, .533 FEC, BPSK

12500.0000 - 12750.0000 MHz	1M76G7W		1560 KBPS, .533 FEC, QPSK
12500.0000 - 12750.0000 MHz	3M52G7W		1560 KBPS, .533 FEC, BPSK
12500.0000 - 12750.0000 MHz	5M77G7W		2560 KBPS, .533 FEC, BPSK
ANTENNA ID: 2406 ESV	0.6 meters	SEATEL	2406
14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	38.10 dBW	1037 Kbps, QPSK, 33/50 FEC
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943kg7w		NULL
ANTENNA ID: 6006 ESV	1.5 meters	SEATEL	6006
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
14000.0000 - 14500.0000 MHz	943KG7W	52.00 dBW	1037 Kbps, QPSK, 33/50 FEC
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943KG7W		NULL
ANTENNA ID: 4009 ESV	1 meters	SEATEL	4009
14200.0000 - 14470.0000 MHz	400KG7W	45.50 dBW	350KBPS, .533 FEC, QPSK
14200.0000 - 14470.0000 MHz	500KG7W	46.50 dBW	540 KBPS, .66 FEC, QPSK
14200.0000 - 14470.0000 MHz	1M60G7W	50.30 dBW	1750 KBPS, . 66 FEC, QPSK
14200.0000 - 14470.0000 MHz	470KG7W	46.20 dBW	410 KBPS, .533 FEC, QPSK
11700.0000 - 12200.0000 MHz	1M76G7W		NULL
11700.0000 - 12200.0000 MHz	3M52G7W		NULL
11700.0000 - 12200.0000 MHz	5M77G7W		NULL
11450.0000 - 11700.0000 MHz	1M76G7W		NULL

11450.0000 - 11700.0000 MHz	3M52G7W		NULL
11450.0000 - 11700.0000 MHz	5M77G7W		NULL
10950.0000 - 11200.0000 MHz	1M76G7W		NULL
10950.0000 - 11200.0000 MHz	3M52G7W		NULL
10950.0000 - 11200.0000 MHz	5M77G7W		NULL
12500.0000 - 12750.0000 MHz	1M76G7W		NULL
12500.0000 - 12750.0000 MHz	3M52G7W		NULL
12500.0000 - 12750.0000 MHz	5M77G7W		NULL
ANTENNA ID: 6009 ESV	1.5 meters	SEATEL	6009
14200.0000 - 14470.0000 MHz	943KG7W	52.00 dBW	1037 KBPS, QPSK, 33/50 FEC
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943KG7W		NULL
ANTENNA ID: USAT 24	0.6 meters	SEATEL	USAT 24
14200.0000 - 14470.0000 MHz	943KG7W	38.10 dBW	1037 KBPS, QPSK, 33/50 FEC
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
10950.0000 - 11200.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943KG7W		NULL
ANTENNA ID: 9797 ESV	2.4 meters	SEATEL	9797
14200.0000 - 14470.0000 MHz	943KG7W	57.50 dBW	1037 KBPS, QPSK, 33/50 FEC
11700.0000 - 12200.0000 MHz	943KG7W		NULL
11450.0000 - 11700.0000 MHz	943KG7W		NULL
12500.0000 - 12750.0000 MHz	943KG7W		NULL
ANTENNA ID: SE125ESV	1.25 meters	AZIMUTH	SE125

14200.0000 - 14470.0000 MHz	907KG7W	46.10 dBW	1037 KBPS, QPSK, 33/50 FEC
10950.0000 - 11200.0000 MHz	907KG7W		
11450.0000 - 11700.0000 MHz	907KG7W		
11700.0000 - 12200.0000 MHz	907KG7W		
ANTENNA ID: V60GESV	0.6 meters	INTELLIAN	V60G
14200.0000 - 14470.0000 MHz	717KG7W	38.30 dBW	QPSK, BPSK
10950.0000 - 11200.0000 MHz	717KG7W		QPSK, BPSK
11450.0000 - 11700.0000 MHz	717KG7W		QPSK, BPSK
11700.0000 - 12200.0000 MHz	717KG7W		QPSK, BPSK
ANTENNA ID: V110ESV	1.05 meters	INTELLIAN	V110
14200.0000 - 14470.0000 MHz	970KG7W	49.30 dBW	QPSK, BPSK
10950.0000 - 11200.0000 MHz	970KG7W		QPSK, BPSK
11450.0000 - 11700.0000 MHz	970KG7W		QPSK, BPSK
11700.0000 - 12200.0000 MHz	970KG7W		QPSK, BPSK

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ESTRELA DO SUL 2 - (63 W.L.)

1 - MSAT-1 - (106.5 W.L.)

1 - MSAT-2 (AMSC-1) - (103.3 W.L.)

1 - TELSTAR 11N - (37.55 W.L.)

SES-STA-20120529-00487	E E120092	VIASAT, INC.
Special Temporary Authority		
Grant of Authority		Date Effective: 08/03/2012

Class of Station:

ViaSat Inc. is granted, with conditions, special temporary authority, from August 3, 2012 to October 2, 2012, to operate 50 temporary-fixed earth stations to communicate with the ViaSat-1, WildBlue-1 and Anik-F2 satellites. Operations with ViaSat-1 at the 115° W.L. orbital location will be in the 28.35-29.1 GHz and 29.5- 30.0 GHz (Earth-to space) and the 18.3-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) frequency bands. Operations with WildBlue-1 and Anik-F2 at the 111° W.L. orbital location will be in the 29.5-30.0 GHz (Earth-to-space) and the 19.7- 20.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20120703-00630 E E060157 Harris CapRock Communications, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 08/01/2012

Class of Station:

Harris CapRock Communications, Inc. is granted, with conditions, special temporary authority, from August 1, 2012 through August 30, 2012, to operate Intelian V60 and V80 Earth Stations on Vessels, operating in the Gulf of Mexico, Atlantic Ocean, Pacific Ocean, Caribbean Sea, and US Waterways to communicate with the Galaxy 25 satellite at the 97° W.L orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20120717-00656 E E4132 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 08/01/2012

Class of Station:

Intelsat License LLC is granted special temporary authority, with conditions, from August 2, 2012 through August 31, 2012, to use its Fillmore, California fixed earth station to provide launch and early orbit phase (LEOP) services to the Hylas 2 satellite. LEOP services will be performed using center frequencies of 6723.75 MHz and 7026.25 MHz (Earth-to-space) and 4198.0 MHz and 4199.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20120717-00657 E E000296 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 08/01/2012

Class of Station:

Intelsat License LLC is granted special temporary authority, with conditions, from August 2, 2012 through August 31, 2012, to use its Hagerstown, Maryland fixed earth station to provide launch and early orbit phase (LEOP) services to the Hylas 2 satellite. LEOP services will be performed using center frequencies of 6723.75 MHz and 7026.25 MHz (Earth-to-space) and 4198.0 MHz and 4199.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20120730-00703 E E990323 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 08/06/2012

Class of Station:

Intelsat License LLC is granted a special temporary authority, from August 8, 2012 through September 7, 2012, to operate its Castle Rock, Colorado, fixed earth station, to provide telemetry, tracking and command operations for the DIRECTV 1R satellite (call sign S2369) at the 109.8° W.L orbital location. Operations are authorized in center frequencies of 17305 and 17799 MHz (Earth-to-space) and 12699.25 and 12698.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20120803-00713 E E110149 HNS License Sub, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 08/03/2012

Class of Station:

HNS License Sub, LLC is granted special temporary authority, with conditions, from August 5, 2012 to September 30, 2012, to use blanket-licensed earth station antennas located within the continental United States to communicate with the EchoStar XVII satellite (call sign S2753) at the 107.1° W.L. orbital location in the 28.35-29.25 and 29.3 to 30.0 GHz (Earth-to-space) and 18.3-20.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20120123-00086 E E020015 Newport Television License LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 08/03/2012

Current Licensee: Newport Television License LLC

FROM: PROVIDENCE EQUITY PARTNERS VI L.L.C.

TO: Providence Managing Member L.L.C.

No. of Station(s) listed: 8

SES-T/C-20120531-00492 E E000361 TrustComm, Inc.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 08/03/2012

Current Licensee: TrustComm, Inc.

FROM: TRUSTCOMM, INC.

TO: Global Secure Networks, Inc.

No. of Station(s) listed: 2

SES-T/C-20120531-00493 E E050044 TrustComm, Inc.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 08/03/2012

Current Licensee: TrustComm, Inc.

FROM: TRUSTCOMM, INC.

TO: Global Secure Networks, Inc.

No. of Station(s) listed: 1

SES-T/C-20120615-00524 E E090031 Tribune Television New Orleans, Inc., Debtor-In-Possession

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 08/01/2012

Current Licensee: Tribune Television New Orleans, Inc., Debtor-In-Possession

FROM: TRIBUNE BROADCASTING COMPANY

TO: Tribune Broadcasting Company, LLC, Debtor-in-Possession

No. of Station(s) listed: 2

SES-T/C-20120615-00582 E E060339 Tribune Television New Orleans, Inc., Debtor-In-Possession

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 08/01/2012

Current Licensee: TRIBUNE TELEVISION NEW ORLEANS, INC., DEBTOR-IN-POSSESSION

FROM: TRIBUNE BROADCASTING COMPANY, DEBTOR-IN-POSSESSION

TO: Tribune Broadcasting Company, LLC, Debtor-in-Possession

No. of Station(s) listed: 2

SES-T/C-20120729-00699 E E100059 SureWest TeleVideo

Application for Consent to Transfer of Control
Consummated

Date Effective: 07/29/2012

Current Licensee: SUREWEST TELEVIDEO

FROM: SUREWEST COMMUNICATIONS

TO: CONSOLIDATED COMMUNICATIONS HOLDINGS, INC.

No. of Station(s) listed: 1

SES-T/C-20120731-00707 E E110027 SureWest Kansas Licenses, LLC

Application for Consent to Transfer of Control
Consummated

Date Effective: 07/31/2012

Current Licensee: SureWest Kansas Licenses, LLC

FROM: SUREWEST COMMUNICATIONS

TO: CONSOLIDATED COMMUNICATIONS HOLDINGS, INC.

No. of Station(s) listed: 1

Dismissal

SES-STA-20120801-00711 E090086 VSAT SYSTEMS, LLC

Application for special temporary authority is dismissed as moot, in light of grant of underlying mod application
(SES-MOD-20120229-00267).

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