



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01210

Wednesday January 13, 2010

SATELLITE COMMUNICATIONS SERVICES

RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-LIC-20091229-01628 E E090214 GLOBAL CROSSING AMERICAS SOLUTIONS, INC.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: CARRETERA 176 KM 1.2 CUPEY BAJO, RIO PEDRAS, SAN JUAN, PR
 18 ° 22 ' 49.80 " N LAT. 66 ° 3 ' 14.80 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	PRODELIN	1383
	3700.0000 - 4200.0000 MHz		102KG7D	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		51K0G7D	DIGITAL DATA CARRIER
	6214.0000 - 6240.0000 MHz		102KG7D	52.99 dBW
	6179.0000 - 6181.0000 MHz		102KG7D	52.99 dBW
	6110.0000 - 6126.0000 MHz		102KG7D	52.99 dBW
	6031.0000 - 6077.0000 MHz		102KG7D	52.99 dBW
	5925.0000 - 5978.0000 MHz		102KG7D	52.99 dBW
	6214.0000 - 6240.0000 MHz		51K0G7D	52.99 dBW

6179.0000 - 6181.0000 MHz	51K0G7D	52.99 dBW	DIGITAL DATA CARRIER
6110.0000 - 6126.0000 MHz	51K0G7D	52.99 dBW	DIGITAL DATA CARRIER
6031.0000 - 6077.0000 MHz	51K0G7D	52.99 dBW	DIGITAL DATA CARRIER
5925.0000 - 5978.0000 MHz	51K0G7D	52.99 dBW	DIGITAL DATA CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20100106-00013 E E100004 WSYX LICENSEE, INC.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: (1.5M KU), VARIOUS

ANTENNA ID:	1.5M.	1.5 meters	ADVENT	NEWSWIFT
14000.0000 - 14500.0000 MHz	51K2G7W	42.27 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION	
14000.0000 - 14500.0000 MHz	36M0G7W	67.75 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20100107-00012 E E100003 Micron Technology, Inc.

EZ

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4.5M

LOCATION: 8000 S. Federal Way, Ada, Boise, ID

43 ° 31 ' 47.60 " N LAT.

116 ° 8 ' 58.50 " W LONG.

ANTENNA ID:	4.5M	4.5 meters	Andrew	8345
14000.0000 - 14500.0000 MHz	9M00G7F	73.81 dBW	Compressed digital video	
14000.0000 - 14500.0000 MHz	36M0F3F	78.24 dBW	Analog video	
14000.0000 - 14500.0000 MHz	36M0G7F	78.24 dBW	Digital video	
11700.0000 - 12200.0000 MHz	9M00G7F		Compressed digital video	

11700.0000 - 12200.0000 MHz	36M0F3F		Analog video
11700.0000 - 12200.0000 MHz	36M0G7F		Digital video
Points of Communication:			
4.5M - PERMITTED LIST - ()			
SES-LIC-20100107-00014 E E100005 Educational Media Foundation			
Application for Authority			
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	8120 Knue Road, Marion, Indianapolis, IN 39 ° 54 ' 13.00 " N LAT. 86 ° 3 ' 38.50 " W LONG.		
ANTENNA ID:	1	2.4 meters Andrew	Type 243, Class III
11700.0000 - 12200.0000 MHz	307KG7W		Digital encoded audio and data @ 256Kbps, QPSK, 1/2 FEC
14000.0000 - 14500.0000 MHz	307KG7W	51.19 dBW	Digital encoded audio and data @ 256Kbps, QPSK, 1/2 FEC
Points of Communication:			
1 - ALSAT - (ALSAT)			
SES-LIC-20100107-00020 E E100006 Pacific Satellite Connection, Inc.			
Application for Authority			
Class of Station:	Temporary Fixed Earth Station		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	VARIOUS		
ANTENNA ID:	1	2.4 meters AVL	2410K
14000.0000 - 14500.0000 MHz	16M0G7F	68.50 dBW	Digital TV
14000.0000 - 14500.0000 MHz	25M0F3F	70.20 dBW	Frequency Modulated TV
14000.0000 - 14500.0000 MHz	36M0F3F	72.00 dBW	Frequency Modulated TV
14000.0000 - 14500.0000 MHz	54K6G7W	73.30 dBW	Digital Data - Digital TV - HDTV - MPEG2 - MPEG4
14000.0000 - 14500.0000 MHz	7M70G7F	64.80 dBW	Digital TV - MPEG2 - MPEG4- HDTV - QPSK - 8PSK -16APSK

14000.0000 - 14500.0000 MHz	35M9G7W	71.94 dBW	Digital TV - Data - HDTV - MPEG2 - MPEG4
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Points of Communication:

1 - ALSAT - (ALSAT)

SES-MFS-20090624-00789 E E050318 ViaSat, Inc.

Modification

Class of Station: Mobile Earth Station

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

ViaSat seeks authority to modify its fixed satellite service (FSS) aeronautical mobile satellite service (AMSS) authorization, call sign E050318, to (i) add additional U.S.-licensed and Permitted Space Station List satellites as points of communication, (ii) expand the geographic scope to allow service both within and outside the United States, (iii) add the 11.45-11.7 GHz frequencies, and (iii) add a new aeronautical earth station (AES) terminal type. All other aspects of ViaSat's AMSS network operations, including the aggregate off-axis EIRP density, will remain unchanged. ViaSat requests a waiver of Commission rules to allow the operation of AES terminals in the 11.45-11.7 GHz band.

SITE ID: Airborne

LOCATION: San Diego, Carlsbad, CA

ANTENNA ID:	1000009	0.2921 meters	ViaSat	1000009
14000.0000 - 14500.0000 MHz	14M4G7D	37.75 dBW	GMSK, Direct Sequence Spread Spectrum	
14000.0000 - 14500.0000 MHz	36M0G7D	37.75 dBW	GMSK, Direct Sequence Spread Spectrum	
14400.0000 - 14500.0000 MHz	28M8G7D	37.75 dBW	GMSK, Direct Sequence Spread Spectrum	
11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK, Direct Sequence Spread Spectrum	
ANTENNA ID:	1060076	0.292 meters	ViaSat	1060076
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK, Direct Sequence Spread Spectrum and Internet Access	
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, Direct Sequence Spread Spectrum and Internet Access	
14000.0000 - 14500.0000 MHz	36M0G7D	39.50 dBW	GMSK, Direct Sequence Spread Spectrum and Internet Access	
14000.0000 - 14500.0000 MHz	14M4G7D	39.50 dBW	GMSK, Direct Sequence Spread Spectrum and Internet Access	
14000.0000 - 14500.0000 MHz	28M8G7D	39.50 dBW	GMSK, Direct Sequence Spread Spectrum and Internet Access	

Points of Communication:

Airborne - AMC 21 - (125 W.L.)

Airborne - AMC-15 - (105 W.L.)

Airborne - AMC-6 - (72 W.L.)

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

Airborne - GE-23 - (172 E. L.)

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

SES-MOD-20091210-01567 E E050143 CLEAR CHANNEL SATELLITE SERVICES

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

"MOD" to add an additional sub-antenna .98meter, and new emission designator to its existing earth station license.

SITE ID: CCSS INV 6.1A

LOCATION: 76 INVERNESS DR. EAST, STE.B 6.1M. HUB, ARAPAHOE, ENGLEWOOD, CO
39 ° 34 ' 47.00 " N LAT. 104 ° 51 ' 35.00 " W LONG.

ANTENNA ID:	INV 6.1	6.1 meters	VIASAT 8060	8060
14000.0000 - 14500.0000 MHz		3M80G7D	59.00 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz		7M60G7D	60.00 dBW	QPSK, Data
11700.0000 - 12200.0000 MHz		1M50G7D	0.00 dBW	QPSK, Data
11700.0000 - 12200.0000 MHz		3M80G7D	0.00 dBW	QPSK, Data
11700.0000 - 12200.0000 MHz		5M50G7D		QPSK, DATA

SITE ID: TT09612 .96M

LOCATION: VSAT .96M., CONUS, (50 UNITS)
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TT09612 .9	0.96 meters	AVL TECHNOLOGIES	960 AVSAT
14000.0000 - 14500.0000 MHz		3M80G7D	52.50 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz		5M50G7D	54.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz		7M60G7D	0.00 dBW	QPSK, Data

SITE ID: TT0753 .75M

LOCATION: VSAT .75M., CONUS, (50 UNITS)
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TT0753 .7	0.75 meters	AVL TECHNOLOGIES	750 IMOVSAT
14000.0000 - 14500.0000 MHz		1M50G7D	45.00 dBW	QPSK, Data

11700.0000 - 12200.0000 MHz	3M80G7D	0.00 dBW	QPSK, Data
11700.0000 - 12200.0000 MHz	7M60G7D		QPSK, DATA
SITE ID:	TT0.9816		
LOCATION:	VSAT .98M., CONUS, (1000 UNITS)		
ANTENNA ID:	TT0.9816	0.98 meters	PRODELIN
			1984
14000.0000 - 14500.0000 MHz	3M80G1D	53.00 dBW	QPSK
11700.0000 - 12200.0000 MHz	4M60G1D		QPSK
SITE ID:	TT1016R		
LOCATION:	VSAT, 1.0M., CONUS, (1000 UNITS)		
ANTENNA ID:	TT1016R	1 meters	PATRIOT
			TXINT-100KU
14000.0000 - 14500.0000 MHz	500KG7W	46.50 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M00G7W	49.50 dBW	QPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TT1240DR		
LOCATION:	VSAT 1.2M. DR, CONUS, (50 UNITS)		
ANTENNA ID:	TT1240DR	1.2 meters	PRODELIN/DR
			1132
14000.0000 - 14500.0000 MHz	2M00G7W	52.50 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M00G7W	49.50 dBW	QPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TT1240TV		
LOCATION:	VSAT 1.2M. TV, CONUS, (50 UNITS)		
ANTENNA ID:	TT1240TV	1.2 meters	PRODELIN/TV
			1132
14000.0000 - 14500.0000 MHz	520KG7W	45.00 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	4M60G7W	55.00 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	5M60G7W	55.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TTRVN_9808		
LOCATION:	VSAT .98M., CONUS, (1000 UNITS)		
ANTENNA ID:	TTRVN9808	0.98 meters	RAVEN
			GKU98
14000.0000 - 14500.0000 MHz	1M00G1D	45.76 dBW	QPSK
11700.0000 - 12200.0000 MHz	1M00G1D		QPSK

Points of Communication:

CCSS INV 6.1A - ALSAT - (ALSAT)

TT0.9816 - AMC-1 - (101.0 W.L.)

TT0753 .75M - AMC-4 (formerl GE-4 - (101 W.L.)

TT0753 .75M - AMSC 1 - (103 W.L.)

TT09612 .96M - AMC-4 (formerl GE-4 - (101 W.L.)

TT09612 .96M - AMSC 1 - (103 W.L.)

TT1016R - AMC-1 - (101.0 W.L.)

TT1016R - AMC-4 (formerl GE-4 - (101 W.L.)

TT1240DR - ALSAT - (ALSAT)

TT1240TV - ALSAT - (ALSAT)

TTRVN_9808 - ALSAT - (ALSAT)

SES-MOD-20091210-01568 E E000329 CLEAR CHANNEL SATELLITE SERVICES

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

"MOD" to add two (2) new antenna(s), and new emission designators to its' existing satellite earth station license system.

SITE ID: CS0104

LOCATION: 4695 S. Monaco St, Denver, Denver, CO

39 ° 37 ' 43.00 " N LAT. 104 ° 54 ' 44.00 " W LONG.

ANTENNA ID:	CS0104	2.4 meters	Channel Master	62-25356-01
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK	
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK	

SITE ID: CS0111
LOCATION: 1801 W. Grand Ave., Polk, Des Moines, IA
41 ° 35 ' 11.00 " N LAT. 93 ° 30 ' 34.00 " W LONG.

ANTENNA ID:	CS0111	2.4 meters	Channel Master	62-25356-01
	14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK

SITE ID: CS0113
LOCATION: 15620 Ventura Blvd. #500, Los Angeles, Sherman Oaks, CA
34 ° 9 ' 10.00 " N LAT. 118 ° 27 ' 53.00 " W LONG.

ANTENNA ID:	CS0113	2.4 meters	Channel Master	62-25356-01
	14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK

SITE ID: GW07
LOCATION: 250 TEQUESTA DRIVE, TEQUESTA, PALM BEACH, FL
26 ° 57 ' 28.00 " N LAT. 80 ° 4 ' 41.00 " W LONG.

ANTENNA ID:	GW07	2.4 meters	PRODELIN	1251-500
	14000.0000 - 14500.0000 MHz	400KG1D	54.13 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: PRN IN
LOCATION: 6161 FALL CREEK ROAD, MARION, INDIANAPOLIS, IN
39 ° 51 ' 54.00 " N LAT. 86 ° 3 ' 43.00 " W LONG.

ANTENNA ID:	PRN IN	2.4 meters	Channel Master	243 TX/RX
	14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: PRN NC
LOCATION: 801 WOODRIDGE CENTER DR, MECKLENBERG, CHARLOTTE, NC
35 ° 10 ' 34.00 " N LAT. 80 ° 53 ' 34.00 " W LONG.

ANTENNA ID:	PRN NC2	2.4 meters	Prodelin	1244
	14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
	11700.0000 - 12200.0000 MHz	400KG1D		QPSK

ANTENNA ID:	PRN NC1	4.6 meters	Andrew Corporation	ES46-124W
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14000.0000 - 14500.0000 MHz	400KG1D	64.54 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID:	CC TAMPA		
LOCATION:	4002 GRANDY BLVD., HILLSBOROUGH, TAMPA, FL		
	27 ° 53 ' 32.00 " N LAT.	82 ° 30 ' 41.00 " W LONG.	
ANTENNA ID:	2.4 KU	2.4 meters	Channel Master
			243 TX/RX
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
ANTENNA ID:	3.8CCTAMP	3.8 meters	Prodelin
			1383
5925.0000 - 6425.0000 MHz	230KG7D	19.30 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	230KG7D		DIGITAL
SITE ID:	CC LIMA		
LOCATION:	667 WEST MARKET STREET, LIMA, OH		
	40 ° 44 ' 23.20 " N LAT.	84 ° 6 ' 57.30 " W LONG.	
ANTENNA ID:	CC LIMA 1	3.8 meters	Prodelin
			1383
6331.0000 - 6360.0000 MHz	308KG7E	48.60 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	308KG7E		DIGITAL
SITE ID:	CC PORT ST LUCY		
LOCATION:	3371 S.E. JENNINGS ROAD, PORT ST LUCY, PORT ST LUCY, FL		
	27 ° 16 ' 29.00 " N LAT.	80 ° 17 ' 11.00 " W LONG.	
ANTENNA ID:	CC PSL	2.4 meters	Channel Master
			243 TX/RX
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID:	PRN NV		
LOCATION:	HC65 BOX 71885, NYE, PAHRUMP, NV		
	36 ° 5 ' 0.00 " N LAT.	115 ° 57 ' 30.00 " W LONG.	
ANTENNA ID:	PRNOO3	1.8 meters	Channel Master
			6901
14000.0000 - 14500.0000 MHz	400KG1D	52.54 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG1D		SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: CC BURBANK
LOCATION: 3400 RIVERSIDE DRIVE, SUITE 800, LOS ANGELES, BURBANK, CA
34 ° 9 ' 8.00 " N LAT. 118 ° 20 ' 16.00 " W LONG.

ANTENNA ID: CC BBANK 3.8 meters Prodelin 1383
14000.0000 - 14500.0000 MHz 400KG1D 58.74 dBW QPSK
11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: CC BOISE
LOCATION: 827 E PARK BLVD, SUITE 201, ADA, BOISE, ID
43 ° 36 ' 13.00 " N LAT. 116 ° 11 ' 25.00 " W LONG.

ANTENNA ID: CC BOISE 2.4 meters Channel Master 243 TX/RX
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK
11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: CC CLEVELAND
LOCATION: 6200 OAK TREE BLVD., CUYAHOGA, INDEPENDENCE, OH
41 ° 23 ' 36.00 " N LAT. 81 ° 39 ' 44.00 " W LONG.

ANTENNA ID: CCLEVELAN 2.4 meters Channel Master 243 TX/RX
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK
11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: RM0405
LOCATION: 400 Ridgefield Ct., Buncombe, Asheville, NC
35 ° 35 ' 32.00 " N LAT. 82 ° 34 ' 26.00 " W LONG.

ANTENNA ID: RM0405 1.8 meters Channel Master 62-18356-01
14000.0000 - 14500.0000 MHz 400KG1D 52.03 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: GW04
LOCATION: 1103 Jamestown Rd, Burke, Morganton, NC
35 ° 44 ' 40.00 " N LAT. 84 ° 41 ' 8.00 " W LONG.

ANTENNA ID: GW04 2.4 meters Channel Master 62-24356-01
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: RM0401
 LOCATION: 4351 North Atlantic, Oakland, Auburn Hills, MI
 42 ° 40 ' 50.00 " N LAT. 83 ° 12 ' 36.00 " W LONG.

ANTENNA ID: RM0401 2.4 meters Channel Master 62-24356-01

14000.0000 - 14500.0000 MHz 400KG1D 54.13 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: RM0402
 LOCATION: 9301 South M-221, Chippewa, Brimley, MI
 46 ° 24 ' 20.00 " N LAT. 84 ° 34 ' 38.00 " W LONG.

ANTENNA ID: RM0402 1.8 meters Channel Master 62-18356-01

14000.0000 - 14500.0000 MHz 400KG1D 52.03 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: DR1_8050
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (1.8M. 8 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID: DR18050 1.8 meters PRODELIN 1184

14000.0000 - 14500.0000 MHz 10M0G1D 58.00 dBW QPSK

11700.0000 - 12200.0000 MHz 10M0G1D QPSK

SITE ID: MRV1_8050
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (1.8M. 3 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID: MRV18050 1.8 meters AVL TECHNOLOGIES 1.8 SNG

14000.0000 - 14500.0000 MHz 10M0G1D 60.69 dBW QPSK

11700.0000 - 12200.0000 MHz 10M0G1D QPSK

SITE ID: TT2_4100
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (2.4M. 15 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID: TT24100 2.4 meters SUMAN SM-T2.4R

14000.0000 - 14500.0000 MHz 400KG1D 54.00 dBW QPSK

11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: TT3_7150
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (3.7M. 10 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID:	TT37150	3.7 meters	SUMAN	SM-T3.7R
	14000.0000 - 14500.0000 MHz		400KG1D	57.50 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	
				QPSK

SITE ID: TT1_8050
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (1.8M. 12 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID:	TT18050	1.2 meters	PRODELIN	1184
	14000.0000 - 14500.0000 MHz		400KG1D	52.00 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	
				QPSK

SITE ID: DR3_7150
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (3.7M. 5 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID:	DR37150	3.7 meters	SUMAN	SM-T3.7R
	14000.0000 - 14500.0000 MHz		10M0G1D	70.56 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		10M0G1D	
				QPSK

SITE ID: TT1_2020
 LOCATION: 7042 S. REVERE PARKWAY SUITE 450, (1.2M. 15 UNITS), ARAPAHOE, CENTENNIAL, CO

ANTENNA ID:	TT12020	1.2 meters	CHANNEL MASTER	TYPE 121
	14000.0000 - 14500.0000 MHz		6M00G1D	53.80 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		6M00G1D	
				QPSK

SITE ID: CS0102
 LOCATION: 1819 Peachtree Rd Suite 700, Fulton, Atlanta, GA
 33 ° 48 ' 16.00 " N LAT. 84 ° 23 ' 35.00 " W LONG.

ANTENNA ID:	CS0102	2.4 meters	Channel Master	62-25356-01
	14000.0000 - 14500.0000 MHz		400KG1D	54.64 dBW
				QPSK
	11700.0000 - 12200.0000 MHz		400KG1D	0.00 dBW
				QPSK

SITE ID: RM0403
 LOCATION: One Quality Way, Henderson, Fletcher, NC
 35 ° 23 ' 5.00 " N LAT. 82 ° 30 ' 7.00 " W LONG.

ANTENNA ID:	RM0403	1.8 meters	Channel Master	62-18356-01
	14000.0000 - 14500.0000 MHz		400KG1D	52.03 dBW
				SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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SITE ID: RM0404
 LOCATION: 13456 Lovers Lane, Culpeper, Culpeper, VA
 38 ° 28 ' 23.00 " N LAT. 77 ° 59 ' 36.00 " W LONG.

ANTENNA ID: RM0404	1.8 meters	Channel Master	62-18356-01
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14000.0000 - 14500.0000 MHz	400KG1D	52.03 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: CCSSCM2_4100
 LOCATION: 76 INVERNESS DRIVE EAST SUITE B, (2.4M. 2 UNITS), ARAPAHOE, ENGLEWOOD, CO
 39 ° 34 ' 47.00 " N LAT. 104 ° 51 ' 35.00 " W LONG.

ANTENNA ID: CCSCM2410	2.4 meters	CHANNEL MASTER	TYPE 243
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14000.0000 - 14500.0000 MHz	400KG1D	54.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: CCSSCM1_8050
 LOCATION: 76 INVERNESS DRIVE EAST SUITE B, (1.8M. 2 UNITS), ARAPAHOE, ENGLEWOOD, CO
 39 ° 34 ' 47.00 " N LAT. 104 ° 51 ' 35.00 " W LONG.

ANTENNA ID: CCSSM1805	1.8 meters	CHANNEL MASTER	183 TX/RX
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14000.0000 - 14500.0000 MHz	400KG1D	52.00 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: CCSSMN3_7150
 LOCATION: 76 INVERNESS DRIVE EAST SUITE B, (3.7M. 2 UNITS), ARAPAHOE, ENGLEWOOD, CO
 39 ° 34 ' 47.00 " N LAT. 104 ° 51 ' 35.00 " W LONG.

ANTENNA ID: CCSSMN3715	3.7 meters	SUMAN	SM-T3.7R
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14000.0000 - 14500.0000 MHz	400KG1D	57.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: CM2_4100
 LOCATION: VSAT, (2.4M. 15 UNITS), CONUS

ANTENNA ID: CM2_4100	2.4 meters	CHANNEL MASTER	TYPE 243
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14000.0000 - 14500.0000 MHz	400KG1D	54.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: CCITSMN2_4100
 LOCATION: 20880 STONE OAK PARKWAY, BEXAR, SAN ANTONIO, TX
 29 ° 38 ' 49.00 " N LAT. 98 ° 27 ' 13.00 " W LONG.

ANTENNA ID: CCITSMN24 2.4 meters SUMAN SM-T2.4R
 14000.0000 - 14500.0000 MHz 400KG1D 54.00 dBW QPSK
 11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: FINECITY2_4100
 LOCATION: 9660 GRANITE RIDGE DRIVE SUITE B, (2.4M. 3 UNITS), SAN DIEGO, SAN DIEGO, CA
 32 ° 48 ' 25.00 " N LAT. 117 ° 7 ' 11.00 " W LONG.

ANTENNA ID: FINE2_4100 2.4 meters CHANNEL MASTER TYPE 243
 14000.0000 - 14500.0000 MHz 400KG1D 54.50 dBW QPSK
 11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: HORIZONPRD2_4016
 LOCATION: 1212 FARAON STREET, BUCHANAN, S. JOSEPH, MO
 39 ° 46 ' 7.00 " N LAT. 94 ° 50 ' 40.00 " W LONG.

ANTENNA ID: HORPRD24 2.4 meters PRODELIN 1251
 14000.0000 - 14500.0000 MHz 400KG1D 54.50 dBW QPSK
 11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: WAY 2.4MSUMAN
 LOCATION: 750 NORTH CR-41 2.4M., LARIMER, BELLVUE, CO
 40 ° 37 ' 2.00 " N LAT. 105 ° 19 ' 41.00 " W LONG.

ANTENNA ID: WAY 2.4M 2.4 meters SUMAN SM-T2.4RK
 14000.0000 - 14500.0000 MHz 400KG1D 54.50 dBW QPSK
 11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: UAMS3_7SUM
 LOCATION: 4301 W. MARKHAM # 890 3.7M., PULASKI, LITTLE ROCK, AR
 34 ° 44 ' 56.34 " N LAT. 92 ° 19 ' 11.97 " W LONG.

ANTENNA ID: UAMS3_7S 3.7 meters SUMAN SM-T3.7R
 14000.0000 - 14500.0000 MHz 6M00G1D 66.00 dBW QPSK
 11700.0000 - 12200.0000 MHz 6M00G1D QPSK

SITE ID: MRV1_8100
 LOCATION: VSAT 1.8 M. SNG, CONUS, (10 UNITS)

ANTENNA ID:	MRVI_8100	1.8 meters	AVL	1.8 SNG
	14000.0000 - 14500.0000 MHz	6M00G1D	63.70 dBW	8PSK, TPC
	14000.0000 - 14500.0000 MHz	10M0G1D	63.70 dBW	QPSK
	11700.0000 - 12200.0000 MHz	6M00G1D		8PSK, TPC
	11700.0000 - 12200.0000 MHz	10M0G1D		QPSK

Points of Communication:

CC BOISE - ALSAT - (ALSAT)

CC BURBANK - ALSAT - (ALSAT)

CC CLEVELAND - ALSAT - (ALSAT)

CC LIMA - ALSAT - (ALSAT)

CC PORT ST LUCY - ALSAT - (ALSAT)

CC TAMPA - ALSAT - (ALSAT)

CCITSMN2_4100 - ALSAT - (ALSAT)

CCSSCM1_8050 - ALSAT - (ALSAT)

CCSSCM2_4100 - ALSAT - (ALSAT)

CCSSSMN3_7150 - ALSAT - (ALSAT)

CM2_4100 - ALSAT - (ALSAT)

CS0102 - ALSAT - (ALSAT)

CS0104 - ALSAT - (ALSAT)

CS0113 - ALSAT - (ALSAT)

CSO111 - ALSAT - (ALSAT)

DR1_8050 - ALSAT - (ALSAT)

DR3_7150 - ALSAT - (ALSAT)

FINECITY2_4100 - ALSAT - (ALSAT)

GW04 - ALSAT - (ALSAT)

HORIZONPRD2_4016 - ALSAT - (ALSAT)

MRV1_8050 - ALSAT - (ALSAT)

MRV1_8100 - ALSAT - (ALSAT)

PRN IN - ALSAT - (ALSAT)

WAY 2.4MSUMAN - ALSAT - (ALSAT)

Nature of Service: Fixed Satellite Service

LOCATION: 10288 S. JORDAN PARKWAY GATEWAY #K 1, SALT LAKE, SOUTH JORDAN, UT
40 ° 33 ' 54.00 " N LAT. 111 ° 54 ' 14.00 " W LONG.

ANTENNA ID:	5.6 HUB1	5.6 meters	ANDREW CORP.	ESA56-124
	14000.0000 - 14500.0000 MHz	36M0G7W	78.30 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	14000.0000 - 14500.0000 MHz	102KG7W	56.30 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	102KG7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION

ANTENNA ID:	1.8M. RMT3	1.8 meters	PATRIOT	1.8M.
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	14000.0000 - 14500.0000 MHz	614KG7W	53.00 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
	14000.0000 - 14500.0000 MHz	51K2G7W	44.10 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	13M2G7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
SITE ID:	REMOTE 2 - 3.8 M.			
LOCATION:	VSAT 3.8M., CONUS, (25 UNITS)			
ANTENNA ID:	3.8M. RMT2	3.8 meters	PRODELIN	1383
	14000.0000 - 14500.0000 MHz	2M46G7W	59.20 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	14000.0000 - 14500.0000 MHz	51K2G7W	50.30 dBW	DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL DATA, VARIOUS FEC, VARIOUS INFORMATION
SITE ID:	REMOTE 4 - 1.2 M.			
LOCATION:	VSAT 1.2M., CONUS, (50 UNITS)			
ANTENNA ID:	1.2M. RMT4	1.2 meters	PATROIT	INT120KU
	14000.0000 - 14500.0000 MHz	614KG7W	49.40 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
	14000.0000 - 14500.0000 MHz	51K2G7W	40.50 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
	11700.0000 - 12200.0000 MHz	13M2G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
	11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
SITE ID:	HUB 2 - 9.2M.			
LOCATION:	10288 SOUTH JORDAN PARKWAY UNIT K HUB2, SALT LAKE, SOUTH JORDAN, UT 40 ° 33 ' 54.00 " N LAT. 111 ° 54 ' 14.00 " W LONG.			
ANTENNA ID:	9.2M. HUB2	9.2 meters	RSI	KS

14000.0000 - 14500.0000 MHz	36M0G7W	78.30 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
14000.0000 - 14500.0000 MHz	51K2G7W	57.30 dBW	DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL DATA, VARIOUS INFORMATION, VARIOUS FEC
SITE ID: REMOTE 1 - 2.4 M.			
LOCATION: VSAT 2.4M., CONUS, (250 UNITS)			
ANTENNA ID: 2.4M. RMT1	2.4 meters	PRODELIN	1251
14000.0000 - 14500.0000 MHz	1M85G7W	55.20 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	51K2G7W	46.30 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
SITE ID: REMOTE 5- 0.96 M.			
LOCATION: VSAT 0.96M., CONUS, (250 UNITS)			
ANTENNA ID: .96M. RMT5	0.96 meters	CHANNEL MASTER	960
14000.0000 - 14500.0000 MHz	302KG7W	44.21 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	1M23G7W	49.30 dBW	DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	302KG7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION
SITE ID: REMOTE 6- 0.75 M.			
LOCATION: VSAT 0.96M., CONUS, (250 UNITS)			
ANTENNA ID: .75M. RMT6	0.75 meters	CHANNEL MASTER	0.75

14000.0000 - 14500.0000 MHz	804KG7W	42.72 dBW	DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	603KG7W	42.72 dBW	DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	804KG7W		DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	603KG7W		DIGITAL TRAFFIC, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFORMATION

Points of Communication:

HUB 1-5.6M. - ALSAT - (ALSAT)

HUB 2 - 9.2M. - ALSAT - (ALSAT)

REMOTE 1 - 2.4 M. - ALSAT - (ALSAT)

REMOTE 2 - 3.8 M. - ALSAT - (ALSAT)

REMOTE 3 - 1.8 M. - ALSAT - (ALSAT)

REMOTE 4 - 1.2 M. - ALSAT - (ALSAT)

REMOTE 5- 0.96 M. - ALSAT - (ALSAT)

REMOTE 6- 0.75 M. - ALSAT - (ALSAT)

SES-MOD-20091217-01596 E E000316 CRAWFORD COMMUNICATIONS, INC.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

"MOD" to add new emission designator and related service and to increase EIRP and EIRP density.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters RSI 240MVO

14000.0000 - 14500.0000 MHz	51K2G7W	45.37 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES FROM 64KBPS, VARIOUS INFORMATION.
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14000.0000 - 14500.0000 MHz	36M0G7W	73.84 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES FROM 45MBPS, VARIOUS INFORMATION.
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14000.0000 - 14500.0000 MHz	36M0F3F	75.29 dBW	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS.
11700.0000 - 12200.0000 MHz	51K2G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES FROM 64KBPS, VARIOUS INFORMATION.
11700.0000 - 12200.0000 MHz	36M0G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2 - 7/8, VARIOUS DATA RATES FROM 45MBPS, VARIOUS INFORMATION.
11700.0000 - 12200.0000 MHz	36M0F3F		STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS.

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20091217-01643 E E940443 CRAWFORD COMMUNICATIONS, INC.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

"MOD" to change assigned frequency(ies) from Ku-band to C-band, emission designator, and replace antenna on existing earth station license.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	4.1 meters	COMTECH "18 FT"	5.5 "OFFSAT"
5925.0000 - 6425.0000 MHz	51K2G7W	43.97 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64KBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	36M0G7W	72.40 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 45MBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	36M0G2F	72.40 dBW	HDTV CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20100108-00022 E E860317 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to add emission designator, change emission designator, increase power and to extend arc.

SITE ID: 1

LOCATION: CARROLL, WOODBINE, MD

39 ° 22 ' 33.00 " N LAT.

77 ° 4 ' 52.00 " W LONG.

ANTENNA ID: 1 3.7 meters ANDREW CORPORATION ESA37-124

14000.0000 - 14500.0000 MHz 30K0G1W 38.90 dBW

14000.0000 - 14500.0000 MHz 54M0G1W 76.77 dBW DIGITAL DATA AND VIDEO

11700.0000 - 12200.0000 MHz 30K0G1W

11700.0000 - 12200.0000 MHz 54M0G1W DIGITAL DATA AND VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

1 - NSS-7 - (22 W.L.)

SES-REG-20100106-00009 E E100001 Strategic Technologies, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1088 AVONDALE, TASRRAT, HASLET, TX

32 ° 58 ' 13.00 " N LAT.

97 ° 22 ' 54.00 " W LONG.

ANTENNA ID: 1 4.5 meters PATRIOT PRT450

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

3700.0000 - 4200.0000 MHz 36M0F3F Analog video

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20100106-00010 E E100002 Strategic Technologies, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2283 AURORA MIST DRIVE, DENTON, LITTLE ELM, TX

33 ° 11 ' 3.00 " N LAT.

96 ° 54 ' 39.00 " W LONG.

ANTENNA ID: 1 4.5 meters PATRIOT PRT450

3700.0000 - 4200.0000 MHz	36M0G7W	Digital video
3700.0000 - 4200.0000 MHz	36M0F3F	Analog video

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20100111-00047 E E100008 ZGS El Paso Television LP

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10033 CARNEGIE AVE, EL PASO, EL PASO, TX

31 ° 47 ' 49.70 " N LAT.

106 ° 20 ' 56.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA TECH CORP SIMULSAT 5M

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED SUBCARRIERS.

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AND AUDIO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100105-00005 E E890949 QUALCOMM Incorporated

Renewal

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5445 MOREHOUSE DRIVE, SAN DIEGO, SAN DIEGO, CA

32 ° 53 ' 41.00 " N LAT.

117 ° 11 ' 41.00 " W LONG.

ANTENNA ID: 1 4.6 meters VERTEX 4.57 KPK

14000.0000 - 14500.0000 MHz 36M0F3F 64.06 dBW

14000.0000 - 14500.0000 MHz 2M00G1D 64.06 dBW

14000.0000 - 14500.0000 MHz 11M0G7W 67.00 dBW VIDEO AND DATA - MEDIAFLO SERVICE

14000.0000 - 14500.0000 MHz 35M1G7W 74.80 dBW VIDEO AND DATA - MEDIAFLO SERVICE

11700.0000 - 12200.0000 MHz 48M0F1D

11700.0000 - 12200.0000 MHz	11M0G7W	VIDEO AND DATA - MEDIAFLO SERVICE
11700.0000 - 12200.0000 MHz	35M1G7W	VIDEO AND DATA - MEDIAFLO SERVICE
Points of Communication:		
1 - ALSAT - (ALSAT)		

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