



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01144

Wednesday June 3, 2009

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-AFS-20090504-00545 E KA294 SES Americom, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SES Americom, Inc. filed an amendment application request to allow extended C-band operation with NSS-9 satellite as a point of communication.

SITE ID: 1

LOCATION: 1711 OLD HWY. 97, OKANOGAN, BREWSTER, WA
48 ° 8 ' 51.00 " N LAT. 119 ° 41 ' 29.00 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	13KPC
5850.0000 - 6425.0000 MHz		2M40G7D	81.90 dBW	Data, 1855kbs, QPSK, FEC1/2
5850.0000 - 6425.0000 MHz		36M0G7F	86.80 dBW	Digital Compressed video
3625.0000 - 4200.0000 MHz		2M40G7D		Data, 1855kbs, QPSK, FEC1/2
3625.0000 - 4200.0000 MHz		36M0G7F		Digital Compressed video
3625.0000 - 4200.0000 MHz		36M0F8W		Analog video audio
5850.0000 - 6425.0000 MHz		36M0F8W	86.80 dBW	Analog video audio
6171.6000 - 6175.8000 MHz		1M00F8W	81.90 dBW	TT&C

3951.4200 - 3952.5800 MHz	144KG2D	TT&C
Points of Communication:		
1 - ALSAT - (ALSAT)		
1 - INTELSAT 805 - (304.5 E.L.)		
1 - INTELSAT AOR - (307.0 E.L.)		
1 - INTELSAT POR - (174.0 E.L.)		
1 - INTELSAT POR - (177.0 E.L.)		
1 - INTELSAT POR - (180.0 E.L.)		
1 - NSS 9 - (177 W.L.)		

SES-AFS-20090515-00589 E E060335 SES Americom, Inc.

Amendment

Class of Station: Other

Nature of Service: Earth Stations on-board Vessels, Other

SES Americom, Inc. (SES Americom) and KVH Industries, Inc. request an amendment to SES Americom's pending ESV license application (File Nos. SES-LIC-20060824-01502, SES-AFS-20061130-02065, and SES-AMD-20070723-00976) to: (1) substitute KVH as the applicant; (2) add the AMC-21 satellite as the sole authorized point of communication; and (3) change the remote control point of the satellite.

SITE ID: MMBESV1

LOCATION: 2323 Grimville Road, Mount Airy, MD

ANTENNA ID:	KVH7	0.6 meters	KVH	V7
14400.0000 - 14500.0000 MHz	22M0G7D	42.40 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access (CRMA) to access the satellite. Data Services	
11700.0000 - 12200.0000 MHz	30M0G7D		Spread outbound 10 MBPS carrier, data services	

Points of Communication:

MMBESV1 - NSS-7 - (22 W.L.)

SES-AMD-20090515-00596	E	E070085	SES Americom, Inc.
Amendment			
Class of Station:	Other		

Nature of Service: Earth Stations on-board Vessels

SES Americom, Inc. and KVH Industries, Inc. request an amendment to SES Americom's pending ESV license application (File No. SES-LIC-20070504-00563) to: (1) substitute KVH as the applicant; (2) add the AMC-15 satellite as an authorized point of communication; and (3) change the remote control point of the satellite.

SITE ID: MMBCarlsbad
LOCATION: 6155 Camino Real 2,000 (.6 m remotes), San Diego, Carlsbad, CA

ANTENNA ID:	KVHCarlsb	0.6 meters	KVH	V7
14400.0000 - 14500.0000 MHz	22M0G7D	42.40 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access (CRMA) to access the satellite. Data services.	
11700.0000 - 12200.0000 MHz	30M0G7D	Spread outbound 10 MBPS carrier, data service		

Points of Communication:

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

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

SES-LIC-20070504-00563 E E070085 SES Americom, Inc.

Application for Authority

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Fixed Satellite Service

SES Americom, Inc. and KVH Industries, Inc. request an amendment to transfer SES Americom's pending ESV license application (File No. SES-LIC-20070504-00563) to: (1) substitute KVH as the applicant; (2) add the AMC-15 as an authorized point of communication; and (3) change the remote control point of the satellite.

SITE ID: MMBCarlsbad
LOCATION: 6155 Camino Real 2,000 (.6 m remotes), San Diego, Carlsbad, CA

ANTENNA ID:	KVHCarlsb	0.6 meters	KVH	V7
11700.0000 - 12200.0000 MHz	30M0G7D	Spread outbound 10 MBPS carrier, data service		
14400.0000 - 14500.0000 MHz	22M0G7D	42.40 dBW	Direct Sequence Spread Spectrum (DSSS) technique using a random access method called code reuse multiple access (CRMA) to access the satellite. Data services.	

Points of Communication:

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

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

SES-LIC-20090421-00515 E E090076 DIRECTV Enterprises, LLC

Application for Authority

Class of Station: Fixed Earth Stations

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

DIRECTV Enterprises, LLC (DIRECTV) requests authorization for a new antenna to transmit a telecommand carrier/pointing beacon to be used with DIRECTV 10 or DIRECTV 11, Ka-band satellites operating at the nominal 103° W.L. and 99° W.L. orbital locations. DIRECTV request partial waiver of Sections 25.138(d), 25.115(e) and 25.203(b) of the Commission's rules.

SITE ID: NEUF
LOCATION: 56 Packard Drive, New Hampton, NH
43 ° 37 ' 26.70 " N LAT. 71 ° 38 ' 32.50 " W LONG.

ANTENNA ID:	KA9	9.2 meters	VertexRSI	9MKa-01-00
18300.0000 - 18305.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Telemetry	
29250.0000 - 29260.0000 MHz	160KF3N	76.00 dBW	Multi-tone Frequency Modulated Pointing Beacon (Clear Sky)	
29250.0000 - 29260.0000 MHz	160KF3N	91.00 dBW	Multi-tone Frequency Modulated Pointing Beacon (Max Faded)	
29250.0000 - 29260.0000 MHz	1M30F9D	91.00 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)	
29490.0000 - 29500.0000 MHz	1M30F9D	76.00 dBW	Multi-tone Frequency Modulated Command Carrier (Clear Sky)	
29490.0000 - 29500.0000 MHz	1M30F9D	91.00 dBW	Multi-tone Frequency Modulated Command Carrier (Max Faded)	
29250.0000 - 29260.0000 MHz	1M30F9D	76.00 dBW	Multi-tone Frequency Modulated Command Carrier (Clear Sky)	

Points of Communication:

NEUF - DIRECTV 10 - (102.8 W.L.)

NEUF - DIRECTV 11 - (99.2 W.L.)

SSES-LIC-20090521-00640 E E090090 HARRIS CORPORATION

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1025 WEST NASA BLVD. HUB13 (3.0M.), BREVARD, MELBOURNE, FL
28 ° 5 ' 22.60 " N LAT. 80 ° 38 ' 19.10 " W LONG.

ANTENNA ID:	1 HUB 13	3 meters	SUMON	SM-T3.0R
14000.0000 - 14500.0000 MHz	256KG7D	42.80 dBW	BPSK, QPSK AND/OR 8PSK FOR DATA	
11700.0000 - 12200.0000 MHz	256KG7D		BPSK, QPSK AND/OR 8PSK FOR DATA	

SITE ID: 2
LOCATION: 1025 WEST NASA BLVD. HUB15 (2.4M.), BREVARD, MELBOURNE, FL
28 ° 5 ' 22.70 " N LAT. 80 ° 38 ' 18.90 " W LONG.

ANTENNA ID:	1 HUB 15	2.4 meters	PRODELIN	SERIES 1251
	14000.0000 - 14500.0000 MHz	256KG7D	42.80 dBW	BPSK, QPSK AND/OR 8PSK FOR DATA
	11700.0000 - 12200.0000 MHz	256KG7D		BPSK, QPSK AND/OR 8PSK FOR DATA

Points of Communication:

1 - ALSAT - (ALSAT)

2 - ALSAT - (ALSAT)

SES-MOD-20090427-00521 E E020287 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to adjust coordinates and the site location.

SITE ID: 1
LOCATION: 58-350, KAMEHAMEHA HWY, COMCAST ROAD, HALEIWA, HI
21 ° 40 ' 16.50 " N LAT. 158 ° 1 ' 54.20 " W LONG.

ANTENNA ID:	1	11.1 meters	Vertex	11.1 KPC
	6423.0000 - 6424.0000 MHz	800KG7W	75.60 dBW	phase modulated digital data, telemetry and telecomm
	5926.0000 - 5927.0000 MHz	800KG7W	75.60 dBW	phase modulated digital data, telemetry and telecomm
	5925.0000 - 6425.0000 MHz	8M00G7D	78.30 dBW	phase modulated digital data, telemetry and telecomm
	4199.0000 - 4200.0000 MHz	800KG7W		phase modulated digital data, telemetry and telecomm
	3702.0000 - 3703.0000 MHz	800KG7W		phase modulated digital data, telemetry and telecomm
	3700.0000 - 4200.0000 MHz	8M00G7W		phase modulated digital data, telemetry and telecomm

Points of Communication:

1 - ALSAT - (ALSAT)

Application for Modification

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

"MOD" to add a single down link frequency band and three up link frequency bands to E050283 so that it may transmit and receive data with Galaxy 16.

SITE ID: 1

LOCATION: 600 CAPITOL STREET, KANAWA, CHARLESTON, WV

38 ° 21 ' 9.00 " N LAT.

81 ° 37 ' 46.00 " W LONG.

ANTENNA ID:	C-5.5M.	5.5 meters	COMTECH "18FT" OFFSAT	847130-G2
6167.9000 - 6172.0000 MHz		230KG7W	55.00 dBW	DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
6108.6000 - 6137.6000 MHz		230KG7W	55.00 dBW	DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
5990.0000 - 6078.3000 MHz		230KG7W	55.00 dBW	DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
5925.0000 - 5930.0000 MHz		230KG7W	55.00 dBW	DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
3700.0000 - 4200.0000 MHz		230KG7W		DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
5925.0000 - 6048.0000 MHz		36M0G7W	71.44 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
6079.0000 - 6211.0000 MHz		36M0G7W	71.44 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
6242.0000 - 6425.0000 MHz		36M0G7W	71.44 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
5925.0000 - 6048.0000 MHz		51K2G7W	42.97 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
6079.0000 - 6211.0000 MHz		51K2G7W	42.97 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
6242.0000 - 6425.0000 MHz		51K2G7W	42.97 dBW	DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
3700.0000 - 4200.0000 MHz		36M0G7W		DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.
3700.0000 - 4200.0000 MHz		51K2G7W		DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC. VARIOUS MOD. QPSK, ETC.

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20090518-00601 E E040382 HNS License Sub, LLC

Application for Modification

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

HNS License Sub, LLC (Hughes) requests to modify its earth station license under Call Sign E040382. In this Modification, Hughes will replace the 2.4 meter Prodelin C-band antenna authorized for use on Wake Island with a single 2.4 meter Prodelin antenna (Model 1251) that will operate in conventional C-band frequencies from a location in New York, New York. There will no longer be any operations under Call Sign E040382 on Wake Island.

SITE ID: NYC-1

LOCATION: Network Management Ctr 866 Second Avenue, New York, New York, NY
40 ° 45 ' 9.00 " N LAT. 73 ° 58 ' 11.00 " W LONG.

ANTENNA ID:	NYC-1	2.4 meters	Prodelin	1251
5925.0000 - 6425.0000 MHz		154KG7D	47.30 dBW	Digital Data, OQPSK, 1/2 FEC, Data Rate 64 kbps
3700.0000 - 4200.0000 MHz		307KG7D		Digital Data, OQPSK, 1/2 FEC, Data Rate 128 kbps
3700.0000 - 4200.0000 MHz		1M50G7D		Outbound, PSK, 2500 kbps
3700.0000 - 4200.0000 MHz		720KG7D		Outbound, PSK, 1200 kbps
5925.0000 - 5929.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6061.0000 - 6078.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6109.0000 - 6137.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6168.0000 - 6182.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6391.0000 - 6425.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps

Points of Communication:

NYC-1 - INTELSAT AOR - (342.0 E.L.)

SES-MOD-20090518-00602 E E040436 HNS License Sub, LLC

Application for Modification

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

HNS License Sub, LLC (Hughes) requests to modify to its earth station license under Call Sign E040436. In this Modification, Hughes will replace the 2.4 meter Prodelin C-band antenna authorized for use in Wahiawa, Hawaii with a single 2.4 meter Prodelin antenna (Model 1251) that will operate in conventional C-band frequencies from a location in New York, New York. There will no longer be any operations under Call Sign E040436 in Wahiawa, Hawaii.

SITE ID: NYC-2
LOCATION: Network Management Ctr 809 UN Plaza, New York, New York, NY
40 ° 45 ' 3.90 " N LAT. 73 ° 58 ' 6.70 " W LONG.

ANTENNA ID:	NYC-2	2.4 meters	Prodelin	1251
6179.0000 - 6425.0000 MHz		154KG7D	47.30 dBW	Digital Data, OQPSK, 1/2 FEC, Data Rate 64 kbps
6080.0000 - 6126.0000 MHz		154KG7D	47.30 dBW	Digital Data, OQPSK, 1/2 FEC, Data Rate 64 kbps
5925.0000 - 6047.0000 MHz		154KG7D	47.30 dBW	Digital Data, OQPSK, 1/2 FEC, Data Rate 64 kbps
3700.0000 - 4200.0000 MHz		307KG7D		Digital Data, OQPSK, 1/2 FEC, Data Rate 128 kbps
3700.0000 - 4200.0000 MHz		1M50G7D		Outbound, PSK, 2500 kbps
3700.0000 - 4200.0000 MHz		720KG7D		Outbound, PSK, 1200 kbps
5925.0000 - 5929.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6061.0000 - 6078.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6109.0000 - 6137.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6168.0000 - 6182.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps
6391.0000 - 6425.0000 MHz		720KG7D	52.50 dBW	Inbound, PSK, 1200 kbps

Points of Communication:

NYC-2 - INTELSAT AOR - (342.0 E.L.)

SES-MOD-20090518-00605 E E080214 EchoStar Corporation

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation request to modify its transmit/receive earth station authorization for the purpose of adding two antennas.

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

ANTENNA ID:	VAT6	13.2 meters	Vertex	13.2
17790.0000 - 17800.0000 MHz		800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz		1M50F3D	85.06 dBW	Ranging Tones

17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
ANTENNA ID: VAT7	13.2 meters	Vertex	13.2
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
ANTENNA ID: VAT5	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones

17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W		Compressed Digital Video and Data
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data
ANTENNA ID: VAT8	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
17300.0000 - 17310.0000 MHz	800KG2D	82.30 dBW	Telecommand
17790.0000 - 17800.0000 MHz	800KG2D	82.30 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W		Compressed Digital Video and Data
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data

Points of Communication:

Mt. Jackson - CIEL 2 - (128.85 W.L.)

Mt. Jackson - ECHOSTAR 10 - (110 W.L.)

Mt. Jackson - ECHOSTAR 11 - (110 W.L.)

Mt. Jackson - ECHOSTAR 3 - (61.5 W.L.)

Mt. Jackson - ECHOSTAR 4 - (77 W.L.)

Mt. Jackson - ECHOSTAR 5 - (129 W.L.)

Mt. Jackson - ECHOSTAR 6 - (72.7 W.L.)

Mt. Jackson - ECHOSTAR 7 - (119 W.L.)

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

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

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

SES-MOD-20090522-00648 E E920589 Mainstream Data, Inc.

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

Replace Earth Station Antenna designated #4 with an Andrew ESA76−4KLP (7.6M). The antenna replaces an Andrew ESA56−4KLP (5.6M) Antenna, at same location, using same mount and foundation. There will be no changes to EIRP or EIRP Power Density. Applicant also requests two additional emission designators.

SITE ID: REM CM96

LOCATION: CONUS, AK, HI, PR, US V.I. (7,000 .96cm antennas)

ANTENNA ID:	REM CM96	0.96 meters	CHANNEL MASTER	960TX
14000.0000 - 14500.0000 MHz		400KG7D	44.20 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		200KG7D	44.20 dBW	QPSK - DATA
11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB 1

SITE ID: REM PR98

LOCATION: CONUS, AK, HI, PR, US V.I. (7,000 .98cm antennas)

ANTENNA ID:	REM PR98	0.98 meters	PRODELIN	1981
14000.0000 - 14500.0000 MHz		400KG7D	44.30 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		200KG7D	44.30 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		200KG7D	44.30 dBW	QPSK - DATA
11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPD DATA FROM HUB 1

SITE ID: 1HUB

LOCATION: 375 CHIPETA WAY, SUITE 200 (7.6 METER HUB), SALT LAKE, SALT LAKE CITY, UT
41 ° 45 ' 41.00 " N LAT. 111 ° 49 ' 26.00 " W LONG.

ANTENNA ID:	1,2,3	2.4 meters	PRODELIN	2.4M- 1251
14000.0000 - 14500.0000 MHz		8M00G7W	68.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz		7M00G7W	67.60 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz		6M00G7W	67.00 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz		5M00G7W	66.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz		4M00G7W	65.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA

14000.0000 - 14500.0000 MHz	3M00G7W	64.00 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	2M50G7W	63.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	2M00G7W	62.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	1M50G7W	60.90 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	1M00G7D	59.20 dBW	QPSK, BPSK DATA
14000.0000 - 14500.0000 MHz	870KG7D	58.10 dBW	BPSK DATA
14000.0000 - 14500.0000 MHz	500KG7D	56.20 dBW	BPSK DATA
11700.0000 - 12200.0000 MHz	500KG7D-		DOWNLINK CARRIER MONITORING
ANTENNA ID: 4	7.6 meters	ANDREW	ESA76-4LPK
14000.0000 - 14500.0000 MHz	54M0G7W	80.00 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	36M0G7W	80.00 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	27M0G7W	80.00 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	18M0G7W	79.30 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	17M0G7W	79.10 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	16M0G7W	78.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	15M0G7W	78.50 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	14M0G7W	78.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	13M0G7W	77.90 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	12M0G7W	77.60 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	11M0G7W	77.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA

14000.0000 - 14500.0000 MHz	10M0G7W	76.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	9M00G7W	76.30 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	8M00G7W	75.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	7M00G7W	75.20 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	6M00G7W	74.60 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	5M00G7W	73.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	4M00G7W	72.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	3M00G7W	71.60 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	2M50G7W	70.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	2M00G7W	69.80 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	1M50G7W	68.50 dBW	QPSK, DVB/MPEG/MPE ENCAPSULATED IP DATA
14000.0000 - 14500.0000 MHz	1M00G7D	66.80 dBW	QPSK, BPSK DATA
14000.0000 - 14500.0000 MHz	870KG7D	65.70 dBW	BPSK DATA
14000.0000 - 14500.0000 MHz	500KG7D	63.80 dBW	BPSK DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DOWNLINK CARRIER MONITORING
11700.0000 - 12200.0000 MHz	2M70G7W		QPSK DVB/MPE ENCAPSULTED IP DATA
11700.0000 - 12200.0000 MHz	3M38G7W		QPSK DVB/MPE ENCAPSULTED IP DATA
14000.0000 - 14500.0000 MHz	2M70G7W	71.10 dBW	QPSK DVB/MPE ENCAPSULTED IP DATA
14000.0000 - 14500.0000 MHz	3M38G7W	72.10 dBW	QPSK DVB/MPE ENCAPSULTED IP DATA

SITE ID: REM 1.0
LOCATION: VSAT (7000 1.0-M ANTENNAS), CONUS, AK,HI,VI,PR,(

ANTENNA ID:	1.0	1 meters	PATRIOT	TXFCC100KU	
	14000.0000 - 14500.0000 MHz		50K0G7D	38.90 dBW	MODULATION: PSK. DATA RATE: 32 KBPS
	14000.0000 - 14500.0000 MHz		86K0G7D	41.20 dBW	MODULATION: PSK. DATA RATE: 32 KBPS
	14000.0000 - 14500.0000 MHz		59K0G7D	39.60 dBW	MODULATION: PSK. DATA RATE: 38 KBPS
	14000.0000 - 14500.0000 MHz		103KG7D	42.00 dBW	MODULATION: PSK. DATA RATE: 38 KBPS
	14000.0000 - 14500.0000 MHz		100KG7D	41.90 dBW	MODULATION: PSK. DATA RATE: 64 KBPS
	14000.0000 - 14500.0000 MHz		173KG7D	44.20 dBW	MODULATION: PSK. DATA RATE: 64 KBPS
	14000.0000 - 14500.0000 MHz		120KG7D	42.70 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
	14000.0000 - 14500.0000 MHz		208KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
	14000.0000 - 14500.0000 MHz		200KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
	14000.0000 - 14500.0000 MHz		346KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
	14000.0000 - 14500.0000 MHz		241KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
	14000.0000 - 14500.0000 MHz		416KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
	14000.0000 - 14500.0000 MHz		400KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
	14000.0000 - 14500.0000 MHz		691KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
	14000.0000 - 14500.0000 MHz		480KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
	14000.0000 - 14500.0000 MHz		829KG7D	44.90 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
	11700.0000 - 12200.0000 MHz		4M00G7D-		DVB/MPE DATA FROM HUB STATION
	11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB STATION

SITE ID: REM 1.2
LOCATION: VSAT (5000 1.2-M ANTENNAS), CONUS, AK, HI, VI, P

ANTENNA ID:	1.2	1.2 meters	PATRIOT	TXFCC120KU
	14000.0000 - 14500.0000 MHz	100KG7D	43.40 dBW	MODULATION: PSK. DATA RATE: 64 KBPS
	14000.0000 - 14500.0000 MHz	173KG7D	45.70 dBW	MODULATION: PSK. DATA RATE: 64 KBPS
	14000.0000 - 14500.0000 MHz	120KG7D	44.20 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
	14000.0000 - 14500.0000 MHz	208KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
	14000.0000 - 14500.0000 MHz	200KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
	14000.0000 - 14500.0000 MHz	346KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
	14000.0000 - 14500.0000 MHz	241KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
	14000.0000 - 14500.0000 MHz	416KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
	14000.0000 - 14500.0000 MHz	400KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
	14000.0000 - 14500.0000 MHz	691KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
	14000.0000 - 14500.0000 MHz	480KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
	14000.0000 - 14500.0000 MHz	829KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
	14000.0000 - 14500.0000 MHz	600KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 384 KBPS
	14000.0000 - 14500.0000 MHz	800KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 512 KBPS
	14000.0000 - 14500.0000 MHz	959KG7D	46.40 dBW	MODULATION: PSK. DATA RATE: 614 KBPS
	14000.0000 - 14500.0000 MHz	1M60G7D	46.40 dBW	MODULATION: PSK. DATA RATE: 1,024 KBPS
	11700.0000 - 12200.0000 MHz	4M00G7D-		DVB/MPE DATA FROM HUB STATION

11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB STATION
SITE ID:	REM 1.8			
LOCATION:	VSAT (1,500 1.8-M ANTENNAS), CONUS, AK,HI, VI, PR			
ANTENNA ID:	1.8	1.8 meters	PATRIOT	TXFCC180KU
14000.0000 - 14500.0000 MHz		120KG7D	47.80 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
14000.0000 - 14500.0000 MHz		208KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 77 KBPS
14000.0000 - 14500.0000 MHz		200KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
14000.0000 - 14500.0000 MHz		346KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 128 KBPS
14000.0000 - 14500.0000 MHz		241KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
14000.0000 - 14500.0000 MHz		416KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 154 KBPS
14000.0000 - 14500.0000 MHz		400KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
14000.0000 - 14500.0000 MHz		691KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 256 KBPS
14000.0000 - 14500.0000 MHz		480KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
14000.0000 - 14500.0000 MHz		829KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 307 KBPS
14000.0000 - 14500.0000 MHz		600KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 384 KBPS
14000.0000 - 14500.0000 MHz		800KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 512 KBPS
14000.0000 - 14500.0000 MHz		959KG7D	50.00 dBW	MODULATION: PSK. DATA RATE: 614 KBPS
14000.0000 - 14500.0000 MHz		1M60G7D	50.00 dBW	MODULATION: PSK. DATA RATE: 1,024 KBPS
14000.0000 - 14500.0000 MHz		2M41G7D	50.00 dBW	MODULATION: PSK. DATA RATE: 1,544 KBPS
11700.0000 - 12200.0000 MHz		4M00G7D-		DVB/MPE DATA FROM HUB STATION

11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB STATION
SITE ID:	REM CM12			
LOCATION:	CONUS, AK, HI, PR, US V.I. (5,000 1.2 meter antennas)			
ANTENNA ID:	REM CM12	1.2 meters	CHANNEL MASTER	123/124
14000.0000 - 14500.0000 MHz		1M60G7D	49.30 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		800KG7D	49.30 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		400KG7D	49.30 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		200KG7D	46.30 dBW	QPSK - DATA
11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPD DATA FROM HUB 1
SITE ID:	REM PR12			
LOCATION:	CONUS, AK, HI, PR, US V.I.			
ANTENNA ID:	REM PR12	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz		1M60G7D	49.00 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		800KG7D	49.00 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		400KG7D	49.00 dBW	QPSK - DATA
11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB1
SITE ID:	REM CM18			
LOCATION:	CONUS, AK, HI, PR, US V.I.			
ANTENNA ID:	REM CM18	1.8 meters	CHANNEL MASTER	180TX
14000.0000 - 14500.0000 MHz		1M60G7D	52.80 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		800KG7D	52.80 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		400KG7D	52.80 dBW	QPSK - DATA
14000.0000 - 14500.0000 MHz		200KG7D	49.80 dBW	QPSK - DATA
11700.0000 - 12200.0000 MHz		54M0G7D		DVB/MPE DATA FROM HUB1
SITE ID:	REM PR18B			
LOCATION:	CONUS, AK, HI, PR, US V.I. (2,500 1.8 meter antennas)			
ANTENNA ID:	REM PR18	1.8 meters	PRODELIN	180TX
14000.0000 - 14500.0000 MHz		1M60G7D	52.50 dBW	QPSK - DATA

	14000.0000 - 14500.0000 MHz	800KG7D	52.50 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	400KG7D	52.50 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	200KG7D	49.50 dBW	QPSK - DATA
	11700.0000 - 12200.0000 MHz	54M0G7D		DVB/MPE DATA FROM HUB1
SITE ID:	REM PR24			
LOCATION:	CONUS, AK, HI, PR, US V.I. (1,500 1.8 meter antennas)			
ANTENNA ID:	REM PR24	2.4 meters	PRODELIN	1251
	14000.0000 - 14500.0000 MHz	1M60G7D	55.30 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	800KG7D	55.30 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	400KG7D	55.30 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	200KG7D	52.30 dBW	QPSK - DATA
	11700.0000 - 12200.0000 MHz	54M0G7D		DVB/MPE DATA FROM HUB1
SITE ID:	REM CM24			
LOCATION:	CONUS, AK, HI, PR, US V.I. (250 2.4 meter antennas)			
ANTENNA ID:	REM CM24	2.4 meters	CHANNEL MASTER	224KU
	14000.0000 - 14500.0000 MHz	1M60G7D	55.20 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	800KG7D	55.20 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	400KG7D	55.20 dBW	QPSK - DATA
	14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	QPSK - DATA
	11700.0000 - 12200.0000 MHz	54M0G7D		DVB/MPE DATA FROM HUB1
Points of Communication:				
1HUB - ALSAT - (ALSAT)				
REM 1.0 - GALAXY III-C - (95 W.L.)				
REM 1.2 - ALSAT - (ALSAT)				
REM 1.8 - ALSAT - (ALSAT)				
REM CM12 - ALSAT - (ALSAT)				
REM CM18 - ALSAT - (ALSAT)				
REM CM24 - ALSAT - (ALSAT)				

REM CM96 - GALAXY III-C - (95 W.L.)

REM PR12 - ALSAT - (ALSAT)

REM PR18B - ALSAT - (ALSAT)

REM PR24 - ALSAT - (ALSAT)

REM PR98 - GALAXY III-C - (95 W.L.)

SES-MOD-20090526-00655 E E910548 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Americom, Inc., request to modify it current authorization to add two new antennas a 3.5m and a 9.0m antennas.

SITE ID: 1

LOCATION: 66C TELEPORT DRIVE, OKANOGAN, BREWSTER, WA

48 ° 8 ' 47.00 " N LAT.

119 ° 41 ' 29.00 " W LONG.

ANTENNA ID:	3	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz		36M0F2D	73.40 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	73.40 dBW	ANALOG
14000.0000 - 14500.0000 MHz		36M0F2D	65.20 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	83.00 dBW	ANALOG
14000.0000 - 14500.0000 MHz		36M0F2D	65.20 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	86.00 dBW	ANALOG
11450.0000 - 12200.0000 MHz		36M0F2D		DIGITAL
11450.0000 - 12200.0000 MHz		36M0F3F		ANALOG
ANTENNA ID:	1	3.5 meters	VERTEX	3.5KPK
14000.0000 - 14500.0000 MHz		36M0F2D	65.20 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	78.00 dBW	ANALOG
14000.0000 - 14500.0000 MHz		36M0F2D	83.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	83.00 dBW	ANALOG
14000.0000 - 14500.0000 MHz		36M0F2D	86.00 dBW	DIGITAL
14000.0000 - 14500.0000 MHz		36M0F3F	86.00 dBW	ANALOG

11450.0000 - 12200.0000 MHz	36M0F2D		DIGITAL
11450.0000 - 12200.0000 MHz	36M0F3F		ANALOG
10950.0000 - 11200.0000 MHz	36M0F2D		DIGITAL
10950.0000 - 11200.0000 MHz	36M0F3F		ANALOG
ANTENNA ID: 2	6.1 meters	VERTEX	6.1KPK
11450.0000 - 12200.0000 MHz	36M0F2D		DIGITAL
11450.0000 - 12200.0000 MHz	36M0F3F		ANALOG
ANTENNA ID: BRW 73	3.7 meters	GLOBAL STAR	GS-370
14000.0000 - 14500.0000 MHz	36M0G7W	78.20 dBW	PHASE MODULATED DIGITAL SIGNALS
11700.0000 - 12200.0000 MHz	36M0G7W		PHASE MODULATED DIGITAL CARRIERS
ANTENNA ID: BRW 02B	9 meters	VERTEX	9KPK
11700.0000 - 12200.0000 MHz	1M00G7D		TT&C
14000.0000 - 14500.0000 MHz	1M00G7D	70.08 dBW	TT&C
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL DATA; VIDEO; TT&C
11700.0000 - 12200.0000 MHz	72M0F8W		FREQUENCY MODULATED ANALOG VIDEO AND DATA
14000.0000 - 14500.0000 MHz	72M0F8W	87.09 dBW	DIGITAL DATA; VIDEO; TT&C
11700.0000 - 12200.0000 MHz	72M0F7D		FREQUENCY MODULATION DIGITAL CARRIER FOR DATA, TT&C
ANTENNA ID: BRW 04E	3.5 meters	VERTEX	3.5 KPK
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA; VIDEO; TT&C
14000.0000 - 14500.0000 MHz	36M0G7W	77.02 dBW	DIGITAL DATA; VIDEO; TT&C
11700.0000 - 12200.0000 MHz	36M0F7D		FREQUENCY MODULATED DIGITAL CARRIER FOR DATA, TT&C
11700.0000 - 12200.0000 MHz	36M0F8W		FREQUENCY MODULATED ANALOG VIDEO AND DATA
14000.0000 - 14500.0000 MHz	36M0F7D	77.02 dBW	FREQUENCY MODULATED DIGITAL CARRIER FOR DATA, TT&C

Points of Communication:

1 - ALSAT - (ALSAT)

1 - INTELSAT 805 - (304.5 E.L.)

1 - INTELSAT AOR - (307.0 E.L.)

1 - INTELSAT POR - (174.0 E.L.)

1 - INTELSAT POR - (176.0 E.L.)

1 - INTELSAT POR - (180.0 E.L.)

1 - New Skies 513 - (183 E.L.)

SES-REG-20090521-00639 E E090089 Cox Communications Hampton Roads, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Chesapeake

LOCATION: 1341 Crossways, Blvd, Chesapeake, Chesapeake, VA

36 ° 46 ' 23.40 " N LAT.

76 ° 14 ' 33.70 " W LONG.

Points of Communication:

Chesapeake - ALSAT - (ALSAT)

SES-REG-20090522-00641 E E090091 D&E Systems, Inc.

EZ

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: State PA

LOCATION: 467 East Beaver Ave, Centre, State College, PA

40 ° 47 ' 53.00 " N LAT.

77 ° 51 ' 16.00 " W LONG.

ANTENNA ID: 4.5M

4.5 meters

Scientific-Atlanta

8345

3700.0000 - 4200.0000 MHz

36M0F8W

Digital Video

Points of Communication:

State PA - PERMITTED LIST - ()

SES-REG-20090522-00654 E E090092 Allo Communications

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1710 E. 20th Street, Scottsbluff, NE
41 ° 51 ' 57.80 " N LAT. 103 ° 38 ' 29.30 " W LONG.

ANTENNA ID:	A1	3.8 meters	Patriot Ant. Systems	3.8M
	3700.0000 - 4200.0000 MHz		2M00G7W	Digital Video and Audio
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Audio

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20090601-00672 E E090094 Chesnee Cable, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gaffney
LOCATION: 143 North Green River Road, Cherokee, Gaffney, SC
35 ° 7 ' 38.40 " N LAT. 81 ° 47 ' 17.30 " W LONG.

ANTENNA ID:	A1	4.5 meters	Scientific-Atlanta	4.5M
	3700.0000 - 4200.0000 MHz		2M00G7W	Digital Video and Audio
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Audio

Points of Communication:

Gaffney - ALSAT - (ALSAT)

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