



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00748

Wednesday September 14, 2005

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-AMD-20050901-01203 E E050230 DIRECTV Enterprises, LLC

Amendment

Grant of Authority

Date Effective: 09/08/2005

Class of Station: Fixed Earth Stations

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

DIRECTV Enterprises, LLC submits a minor amendment to correct a computational error in the waiver request, and to reduce slightly the maximum power of its beacon as a result.

SITE ID: CRBC

LOCATION: 5454 Garton Road, Douglas, Castle Rock, CO

39 ° 16 ' 38.40 " N LAT.

104 ° 48 ' 27.40 " W LONG.

ANTENNA ID:	CKA10	9.2 meters	Vertex RSI	9mKa-01-00
29525.0000 - 29535.0000 MHz	25K0N0N	76.00 dBW		Beacon Transmission
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW		Multi-tone Frequency Modulated Command Carrier
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW		PSK Mod Digital Video / Audio
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW		PSK Mod Digital Video / Audio
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW		PSK Mod Digital Video / Audio
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW		Phase Modulated Satellite Telemetry
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW		PSK Mod Digital Video / Audio

ANTENNA ID:	CKA11	9.2 meters	Vertex RSI	9mKa-01-00
29525.0000 - 29535.0000 MHz	25K0N0N	76.00 dBW	Beacon Transmission	
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier	
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry	
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	

Points of Communication:

SES-AMD-20050901-01204 E E050229 DIRECTV Enterprises, LLC

Amendment

Grant of Authority

Date Effective: 09/08/2005

Class of Station: Fixed Earth Stations

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

DIRECTV Enterprises, LLC submits a minor amendment to correct a computational error in the waiver request, and to reduce slightly the maximum power of its beacon as a result.

SITE ID: LABC

LOCATION: 12800 Culver Boulevard, Los Angeles, Los Angeles, CA

33 ° 58 ' 58.00 " N LAT.

118 ° 25 ' 32.00 " W LONG.

ANTENNA ID:	LKA7	9.2 meters	Vertex RSI	9mKa-01-00
29525.0000 - 29535.0000 MHz	25K0N0N	76.00 dBW	Beacon Transmission	
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier	
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry	

18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
ANTENNA ID: LKA8	9.2 meters	Vertex RSI	9mKa-01-00
29525.0000 - 29535.0000 MHz	25K0N0N	76.00 dBW	Beacon Transmission
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio

Points of Communication:

SES-ASG-20050727-00995 E E930214 Backlot Communications, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/09/2005

Current Licensee: Backlot Communications, LLC

FROM: BACKLOT COMMUNICATIONS, LLC

TO: Island Uplink

No. of Station(s) listed: 1

SES-LIC-20050722-00957 E E050229 DIRECTV Enterprises, LLC

Application for Authority

09/08/2005 - 09/08/2020

Grant of Authority

Date Effective: 09/08/2005

Class of Station: Fixed Earth Stations

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

DIRECTV Enterprises, LLC submits a minor amendment to correct a computational error in the waiver request, and to reduce slightly the maximum power of its beacon as a result.

SITE ID: LABC

LOCATION: 12800 Culver Boulevard, Los Angeles, Los Angeles, CA

33 ° 58 ' 58.00 " N LAT.

118 ° 25 ' 32.00 " W LONG.

ANTENNA ID: LKA7

9.2 meters

Vertex RSI

9mKa-01-00

19700.0000 - 19710.0000 MHz

106KG9D

0.00 dBW

Phase Modulated Satellite Telemetry

29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
ANTENNA ID: LKA8	9.2 meters	Vertex RSI	9mKa-01-00
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier
29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio
Points of Communication:			
LABC - DIRECTV 8 (K) - (101 W.L.)			
LABC - SPACEWAY 1 - (103 W.L.)			
LABC - SPACEWAY 2 - (99 W.L.)			
SES-LIC-20050722-00958 E E050230 DIRECTV Enterprises, LLC			
Application for Authority			09/08/2005 - 09/08/2020
Grant of Authority			Date Effective: 09/08/2005
Class of Station: Fixed Earth Stations			
Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service			
Amendment application filed to submits a minor amendment to correct a computational error in the waiver request, and to reduce slightly the maximum power of its beacon as a result. See SES-AMD-2050901-01203.			

SITE ID: CRBC

LOCATION: 5454 Garton Road, Douglas, Castle Rock, CO

39 ° 16 ' 38.40 " N LAT.

104 ° 48 ' 27.40 " W LONG.

ANTENNA ID:	CKA10	9.2 meters	Vertex RSI	9mKa-01-00
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission	
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier	
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
ANTENNA ID:	CKA11	9.2 meters	Vertex RSI	9mKa-01-00
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
19700.0000 - 19710.0000 MHz	106KG9D	0.00 dBW	Phase Modulated Satellite Telemetry	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK Mod Digital Video / Audio	
29500.0000 - 29515.0000 MHz	1M30F9D	89.50 dBW	Multi-tone Frequency Modulated Command Carrier	
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	PSK Mod Digital Video / Audio	
29525.0000 - 29535.0000 MHz	25K0N0N	75.80 dBW	Beacon Transmission	

Points of Communication:

CRBC - DIRECTV 8 (K) - (101 W.L.)

CRBC - SPACEWAY 1 - (103 W.L.)

CRBC - SPACEWAY 2 - (99 W.L.)

SES-LIC-20050729-01002 E E050232 STATION VENTURE OPERATIONS, L.P.

Application for Authority

09/12/2005 - 09/12/2020

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: Various locations - continental U.S. (MOBILE), CONUS

ANTENNA ID: 1	2.4 meters	ANDREW CORPORATION	ESA24VSM-KU
14000.0000 - 14500.0000 MHz	36M0F3F	73.60 dBW	ANALOG VIDEO AND AUDIO
14000.0000 - 14500.0000 MHz	36M0G7W	73.60 dBW	DIGITAL VIDEO, AUDIO AND DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20050801-01008 E E050233 Alascom, Inc.

Application for Authority

09/07/2005 - 09/07/2020

Grant of Authority

Date Effective: 09/07/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: PUMP STATION 5

LOCATION: 170 MILES NORTHWEST OF, FAIRBANKS, AK

66 ° 48 ' 45.00 " N LAT.

150 ° 39 ' 56.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORP	ESA45-46
3700.0000 - 4200.0000 MHz	1M24G7W		PSK & QAM, VOICE & DATA
5925.0000 - 6425.0000 MHz	1M24G7W	60.60 dBW	PSK & QAM, VOICE & DATA

Points of Communication:

PUMP STATION 5 - ALSAT - (ALSAT)

SES-LIC-20050801-01009 E E050234 Alascom, Inc.

Application for Authority

09/07/2005 - 09/07/2020

Grant of Authority

Date Effective: 09/07/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: PUMP STATION 4
LOCATION: 260 MILES NORTH OF, FAIRBANKS, AK
68 ° 25 ' 21.00 " N LAT. 149 ° 21 ' 24.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP ESA45-46
5925.0000 - 6425.0000 MHz 1M24G7W 60.60 dBW PSK & QAM, VOICE & DATA
3700.0000 - 4200.0000 MHz 1M24G7W PSK & QAM, VOICE & DATA

Points of Communication:

PUMP STATION 4 - ALSAT - (ALSAT)

SES-LIC-20050802-01035 E E050238 Fox Television Stations, Inc.
Application for Authority 09/12/2005 - 09/12/2020
Grant of Authority Date Effective: 09/12/2005

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4261 SOUTHWEST FWY (KRIV) HOUSTON, TX 77027, VARIOUS

ANTENNA ID: 1 1.2 meters ADVENT COMMUNICATIONS NEWSWIFT
14000.0000 - 14500.0000 MHz 36M0G7W 64.67 dBW ONE 36 MBIT MCPC DIGITAL
CARRIER FOR VOICE/DATA WITH
AN EMISSION DESIGNATOR OF
36M0G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MFS-20050719-00934 E E030159 IWL COMMUNICATIONS INC DBA CAPROCK SERVICES CORP
Modification 01/13/2004 - 01/13/2019
Grant of Authority Date Effective: 09/07/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: Offshore Louisiana, N/A, Gulf of Mexico
27 ° 18 ' 19.00 " N LAT. 93 ° 32 ' 20.00 " W LONG.

ANTENNA ID: 1 2.4 meters GUNNISON 9797

5925.0000 - 6425.0000 MHz	1M00G1W	48.97 dBW	Digital Data, QPSK
3700.0000 - 4200.0000 MHz	1M00G1W		Digital Data, QPSK
5925.0000 - 6425.0000 MHz	300KG1W	43.50 dBW	DIGITAL DATA QPSK
3700.0000 - 4200.0000 MHz	300KG1W		DIGITAL DATA QPSK

Points of Communication:

1 - AMC-9 - (85 W.L.)

1 - PAS-9 - (58.0 W.L.)

1 - SATMEX-5 - (116.8 W.L.)

SES-MOD-20050621-00798 E E950149 STRATOS VSAT INC.

Application for Modification

05/05/2005 - 05/05/2020

Grant of Authority

Date Effective: 09/08/2005

Class of Station: VSAT Network

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

"MOD" to consolidated its existing VSAT network separate licenses authorizations under one license and call sign. This system consists of six separate licenses--one hub station authorization (E950149) and five remote VSAT terminal authorizations (E950135, E950136, E950150, E950151 and E960147). Also to change and correct technical data and replace an antenna.

SITE ID: 1-HUB

LOCATION: 58 INVERNESS DRIVE EAST (6.1M. HUB), ARAPAHOE, ENGLEWOOD, CO

39 ° 34 ' 33.00 " N LAT.

104 ° 51 ' 16.00 " W LONG.

ANTENNA ID: 1 6.1 meters VERTEX 6.1 KPK

14000.0000 - 14500.0000 MHz 1M54G7D 60.10 dBW

14000.0000 - 14500.0000 MHz 24M0F3F 69.40 dBW

14000.0000 - 14500.0000 MHz 112KG7D 44.60 dBW

14000.0000 - 14500.0000 MHz 128KG7D 49.10 dBW 128 KBPS, BPSK, FEC EQUALS ONE HALF

14000.0000 - 14500.0000 MHz 5M40G7D 60.10 dBW

11700.0000 - 12200.0000 MHz 112KG7D

11700.0000 - 12200.0000 MHz 19K2G7D 19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER

14000.0000 - 14500.0000 MHz	256KG7D	51.03 dBW	256 KBPS, BPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	64KG7D	40.75 dBW	64 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	1M01F7D	57.61 dBW	1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	38K4G7D		38.4 KBPS, DPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	76K8G7D		76.8 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	38K4G7D		38.4 KBPS, MSK, FEC EQUALS ONE HALF

SITE ID: 2-REMOTE

LOCATION: 58 INVERNESS DRIVE EAST (.98M. VSAT), CONUS, 1200 UNITS

ANTENNA ID: 2 0.98 meters PRODELIN 1981 .98M.

14000.0000 - 14500.0000 MHz	19K2G7D	38.16 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	38.16 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	38.16 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	38K4G7D	38.16 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	64KG7D		64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D		1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D		256 KBPS, BPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	128KG7D		128 KBPS, BPSK, FEC EQUALS ONE HALF

SITE ID: 3-REMOTE

LOCATION: 58 INVERNESS DRIVE EAST (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 3 1.2 meters PRODELIN 1123 1.2M.

14000.0000 - 14500.0000 MHz	19K2G7D	39.92 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	39.92 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	39.92 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	38K4G7D	39.92 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	64KG7D		64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D		1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D		256 KBPS, BPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	128KG7D		128 KBPS, BPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	112KG7D	43.20 dBW	
11700.0000 - 12200.0000 MHz	112KG7D		
11700.0000 - 12200.0000 MHz	1M54G7D		
11700.0000 - 12200.0000 MHz	24M0F3F		
11700.0000 - 12200.0000 MHz	5M40G7D		

SITE ID: 4-REMOTE

LOCATION: 58 INVERNESS DRIVE EAST (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 4 1.2 meters PRODELIN 1123 1.2M.

14000.0000 - 14500.0000 MHz	112KG7D	43.20 dBW	
14000.0000 - 14500.0000 MHz	19K2G7D	39.92 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	39.92 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	39.92 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF

14000.0000 - 14500.0000 MHz	38K4G7D	39.92 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	112KG7D		
11700.0000 - 12200.0000 MHz	1M54G7D		
11700.0000 - 12200.0000 MHz	24M0F3F		
11700.0000 - 12200.0000 MHz	5M40G7D		
11700.0000 - 12200.0000 MHz	64KG7D		64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D		1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D		256 KBPS, BPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	128KG7D		128 KBPS, BPSK, FEC EQUALS ONE HALF

SITE ID: 5-REMOTE

LOCATION: 58 INVERNESS DRIVE EAST (1.8M. VSAT), CONUS, (3000 UNITS)

ANTENNA ID: 5 1.8 meters PRODELIN 1184 1.8M.

14000.0000 - 14500.0000 MHz	112KG7D	43.20 dBW	
14000.0000 - 14500.0000 MHz	19K2G7D	43.44 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	43.44 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	43.44 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	38K4G7D	43.44 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	112KG7D		
11700.0000 - 12200.0000 MHz	1M54G7D		
11700.0000 - 12200.0000 MHz	24M0F3F		
11700.0000 - 12200.0000 MHz	5M40G7D		

11700.0000 - 12200.0000 MHz	64KG7D	64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D	1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D	256 KBPS, BPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	128KG7D	128 KBPS, BPSK, FEC EQUALS ONE HALF

SITE ID: 6-REMOTE

LOCATION: 58 INVERNESS DRIVE EAST (1.8M. VSAT), CONUS, (3000 UNITS)

ANTENNA ID: 6	1.8 meters	PRODELIN	68 M SERIES
14000.0000 - 14500.0000 MHz	112KG7D	46.60 dBW	56 KBPS 1/2 RATE FEC BPSK
14000.0000 - 14500.0000 MHz	19K2G7D	43.44 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	43.44 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	43.44 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	38K4G7D	43.44 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	5M40G7D		6750 KBPS QPSK
11700.0000 - 12200.0000 MHz	1M54G7D		1544 KPBS LATA 1/2 RATE FEC QPSK
11700.0000 - 12200.0000 MHz	112KG7D		56 KBPS 1/2 RATE FEC DPSK OR BPSK
11700.0000 - 12200.0000 MHz	24M0F3F		ANALOG VIDEO FREQUENCY MODULATION
11700.0000 - 12200.0000 MHz	64KG7D		64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D		1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D		256 KBPS, BPSK, FEC EQUALS ONE HALF

11700.0000 - 12200.0000 MHz	128KG7D		128 KBPS, BPSK, FEC EQUALS ONE HALF
SITE ID:	7-REMOTE		
LOCATION:	58 INVERNESS DRIVE EAST (2.4M. VSAT), CONUS, (500 UNITS)		
ANTENNA ID: 7	2.4 meters	PRODELIN	1251 2.4M.
14000.0000 - 14500.0000 MHz	128KG7D	50.10 dBW	
14000.0000 - 14500.0000 MHz	112KG7D	49.60 dBW	
14000.0000 - 14500.0000 MHz	256KG7D	51.10 dBW	
14000.0000 - 14500.0000 MHz	19K2G7D	45.94 dBW	19.2 KBPS, DPSK, FEC EQUALS ONE QUARTER
14000.0000 - 14500.0000 MHz	38K4G7D	45.94 dBW	38.4 KBPS, DPSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	76K8G7D	45.94 dBW	76.8 KBPS, MSK, FEC EQUALS ONE HALF
14000.0000 - 14500.0000 MHz	38K4G7D	45.94 dBW	38.4 KBPS, MSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	112KG7D		
11700.0000 - 12200.0000 MHz	64KG7D		64 KBPS, DPSK, FEC EQUALS ONE QUARTER
11700.0000 - 12200.0000 MHz	1M02G7D		1024 KBPS, QPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	256KG7D		256 KBPS, BPSK, FEC EQUALS ONE HALF
11700.0000 - 12200.0000 MHz	128KG7D		128 KBPS, BPSK, FEC EQUALS ONE HALF

Points of Communication:

- 1-HUB - ALSAT - (ALSAT)
- 2-REMOTE - ALSAT - (ALSAT)
- 3-REMOTE - ALSAT - (ALSAT)
- 4-REMOTE - ALSAT - (ALSAT)
- 5-REMOTE - ALSAT - (ALSAT)

6-REMOTE - ALSAT - (ALSAT)

7-REMOTE - ALSAT - (ALSAT)

SES-MOD-20050706-00868 E E910609 IWL COMMUNICATIONS INC DBA CAPROCK SERVICES CORP

Application for Modification

11/29/2001 - 11/29/2011

Grant of Authority

Date Effective: 09/08/2005

Class of Station: VSAT Network

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

"MOD" to add transportable 1.0 meter, 1.2 meter and 2.4 meter Ku-band transmit/receive earth station remote antennas to Call Sign E910609, as well as, change in Remote Control Hub facilities.

SITE ID: REMOTE -3

LOCATION: VSAT (1.5M.), CONUS, (30 UNITS)

ANTENNA ID:	REMOTE-3	1.5 meters	SEATEL	6092
14000.0000 - 14500.0000 MHz	288KG7W	41.00 dBW	QPSK, VOICE & DATA	
14000.0000 - 14500.0000 MHz	438KG7W	40.80 dBW	QPSK, VOICE & DATA	
14000.0000 - 14500.0000 MHz	220KG7W	43.90 dBW	QPSK, VOICE & DATA	
11700.0000 - 12200.0000 MHz	288KG7W		QPSK, VOICE & DATA	
11700.0000 - 12200.0000 MHz	438KG7W		QPSK, VOICE & DATA	
11700.0000 - 12200.0000 MHz	220KG7W		QPSK, VOICE & DATA	

SITE ID: REMOTE -4

LOCATION: 4400 SOUTH SAM HOUSTON PKWY. 1.0 M. VSAT, CONUS, (7 UNITS)

ANTENNA ID:	1.0M.	1 meters	SEATEL	4003
14000.0000 - 14500.0000 MHz	438KG7D	44.90 dBW	DIGITAL DATA CARRIER	
14000.0000 - 14500.0000 MHz	288KG7D	43.10 dBW	DIGITAL DATA CARRIER	
14000.0000 - 14500.0000 MHz	220KG7D	41.90 dBW	DIGITAL DATA CARRIER	
11700.0000 - 12200.0000 MHz	438KG7D		DIGITAL DATA CARRIER	
11700.0000 - 12200.0000 MHz	288KG7D		DIGITAL DATA CARRIER	
11700.0000 - 12200.0000 MHz	220KG7D		DIGITAL DATA CARRIER	

SITE ID: REMOTE -5
LOCATION: 4400 SOUTH SAM HOUSTON PKWY. 1.2 M. VSAT, CONUS, (10 UNITS)

ANTENNA ID:	1.2M.	1.2 meters	SEATEL	4996
14000.0000 - 14500.0000 MHz		438KG7D	44.90 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		288KG7D	43.10 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		220KG7D	41.90 dBW	DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		438KG7D		DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		288KG7D		DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		220KG7D		DIGITAL DATA CARRIER

SITE ID: REMOTE -6
LOCATION: 4400 SOUTH SAM HOUSTON PKWY. 2.4 M.-9797 VSAT, CONUS, (25 UNITS)

ANTENNA ID:	2.4M.-9797	2.4 meters	SEATEL	9797
14000.0000 - 14500.0000 MHz		438KG7D	48.90 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		288KG7D	47.10 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		220KG7D	45.90 dBW	DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		438KG7D		DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		288KG7D		DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		220KG7D		DIGITAL DATA CARRIER

SITE ID: REMOTE -7
LOCATION: 4400 SOUTH SAM HOUSTON PKWY. 2.4 M.-9997 VSAT, CONUS, (5 UNITS)

ANTENNA ID:	2.4M.-9997	2.4 meters	SEATEL	9997
14000.0000 - 14500.0000 MHz		438KG7D	52.90 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		288KG7D	51.10 dBW	DIGITAL DATA CARRIER
14000.0000 - 14500.0000 MHz		220KG7D	49.90 dBW	DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		438KG7D		DIGITAL DATA CARRIER
11700.0000 - 12200.0000 MHz		288KG7D		DIGITAL DATA CARRIER

11700.0000 - 12200.0000 MHz

220KG7D

DIGITAL DATA CARRIER

Points of Communication:

REMOTE -3 - ALSAT - (ALSAT)

REMOTE -4 - ALSAT - (ALSAT)

REMOTE -5 - ALSAT - (ALSAT)

REMOTE -6 - ALSAT - (ALSAT)

REMOTE -7 - ALSAT - (ALSAT)

SES-MOD-20050708-00893 E E000577 RCN License Subsidiary, Inc.

Application for Modification

11/13/2000 - 11/13/2010

Grant of Authority

Date Effective: 09/07/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 4175 Cameron Street Suite B-10, Clark, Las Vegas, NV

36 ° 6 ' 50.70 " N LAT.

115 ° 12 ' 14.80 " W LONG.

ANTENNA ID: 1

3.8 meters

Prodelin

1381

5925.0000 - 6425.0000 MHz

27M0G1F

72.53 dBW

QPSK compressed digital video (MCPC).

3700.0000 - 4200.0000 MHz

27M0G1F

0.00 dBW

Analog and digital

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20050718-00931 E E980235 STRATOS OFFSHORE SERVICES COMPANY

Application for Modification

07/13/1998 - 07/13/2008

Grant of Authority

Date Effective: 09/08/2005

Class of Station: VSAT Network

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

"MOD" to increase the number of the VSAT Remotes set forth in this authorization to 300 units of each type of authorized remotes to it's existing VSAT Network System.

SITE ID: REMOTE 1

LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 1	2.4 meters	PRODELIN	1251
	14000.0000 - 14500.0000 MHz	100KG7D	49.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz	1M40G7D	52.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	2M40G7D	52.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	2M80G7D	52.20 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz	4M90G7D	52.20 dBW	BPSK, Data
	11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: HUB-1 (4.5 M)

LOCATION: 1710 W. WILLOW STREET (4.5M. HUB), LAFAYETTE, SCOTT, LA
30 ° 14 ' 36.70 " N LAT. 92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-1(4.5)	4.5 meters	ANDREW CORP.	ESA 45-46B
	14000.0000 - 14500.0000 MHz	100KG7D	53.80 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	200KG7D	56.80 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz	1M40G7D	65.50 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, Data
	13750.0000 - 14000.0000 MHz	100KG7D	68.00 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	200KG7D	68.00 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	1M40G7D	68.00 dBW	DIGITAL DATA

13750.0000 - 14000.0000 MHz	2M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M80G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	4M90G7D	68.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: REMOTE 2
LOCATION: (1.2 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID: REMOTE 2	1.2 meters	CHANNEL MASTER	120
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14000.0000 - 14500.0000 MHz	100KG7D	43.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	200KG7D	46.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M40G7D	49.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M40G7D	49.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M80G7D	49.30 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	4M90G7D	49.30 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: REMOTE 4
LOCATION: (1.2 M. UNITS), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 4	1.2 meters	PRODELIN	1123
	14000.0000 - 14500.0000 MHz	50K0G7D	36.80 dBW	QPSK, DATAQPSK, DATA
	14000.0000 - 14500.0000 MHz	100KG7D	39.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	200KG7D	42.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz	50K0G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	100KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DATA

SITE ID: REMOTE 3
LOCATION: (2.4 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 3	2.4 meters	CHANNEL MASTER	243
	14000.0000 - 14500.0000 MHz	50K0G7D	36.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	100KG7D	39.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	200KG7D	42.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz	50K0G7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	100KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA
	11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DATA

SITE ID: HUB-2 (6.1M)
LOCATION: 1710 W. WILLOW ST. (6.1 M. HUB), LAFAYETTE, SCOTT, LA
30 ° 14 ' 36.70 " N LAT. 92 ° 3 ' 6.40 " W LONG.

ANTENNA ID:	HUB-2(6.1)	6.1 meters	VERTEX	6.1 KPK
	14000.0000 - 14500.0000 MHz	100KG7D	53.80 dBW	QPSK, DATA
	14000.0000 - 14500.0000 MHz	1M40G7D	65.50 dBW	QPSK, DATA

14000.0000 - 14500.0000 MHz	200KG7D	56.80 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, DATA
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, DATA
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, DATA
11700.0000 - 12200.0000 MHz	100KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	1M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	200KG7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	2M40G7D		QPSK, DATA
11700.0000 - 12200.0000 MHz	2M80G7D		BPSK, DATA
11700.0000 - 12200.0000 MHz	4M90G7D		BPSK, DATA

SITE ID: REMOTE 5

LOCATION: (1.2 M. VSAT), CONUS, (300 UNITS)

ANTENNA ID:	REMOTE 5	1.2 meters	SEATEL	4996T
14000.0000 - 14500.0000 MHz	50K0G7D	36.80 dBW	QPSK, DATA	
14000.0000 - 14500.0000 MHz	100KG7D	39.80 dBW	QPSK, DATA	
14000.0000 - 14500.0000 MHz	200KG7D	42.80 dBW	QPSK, DATA	
14000.0000 - 14500.0000 MHz	400KG7D	45.80 dBW	QPSK, DATA	
11700.0000 - 12200.0000 MHz	50K0G7D		QPSK, DATA	
11700.0000 - 12200.0000 MHz	100KG7D		QPSK, DATA	
11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA	
11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DATA	

Points of Communication:

HUB-1 (4.5 M) - ALSAT - (ALSAT)

HUB-1 (4.5 M) - AMC-3 - (87 W.L.)

HUB-1 (4.5 M) - PAS-1R - (45.0 W.L.)

HUB-1 (4.5 M) - PAS-8B - (43 W.L.)

HUB-2 (6.1M) - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 2 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 2 - NSS-7 - (338.5 E.L.)

REMOTE 3 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 3 - NSS-7 - (338.5 E.L.)

REMOTE 4 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 4 - NSS-7 - (338.5 E.L.)

REMOTE 5 - AMC-4 (formerly GE-4 - (101 W.L.)

REMOTE 5 - NSS-7 - (338.5 E.L.)

SES-MOD-20050725-00962 E E950270 CBS Stations Group Of Texas L.P.

Application for Modification

06/09/2005 - 06/09/2020

Grant of Authority

Date Effective: 09/07/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5233 BRIDGE STREET, TARRANT, FORT WORTH, TX

32 ° 45 ' 38.00 " N LAT.

97 ° 14 ' 38.00 " W LONG.

ANTENNA ID: 1

4.6 meters

ANDREW CORPORATION

ESA46-124

14000.0000 - 14500.0000 MHz

36M0F3F

72.20 dBW

ANALOG VIDEO/AUDIO

11700.0000 - 12200.0000 MHz

36M0F3F

ANALOG VIDEO/AUDIO

14000.0000 - 14500.0000 MHz

36M0G7W

72.00 dBW

DIGITAL VIDEO/VOICE/DATA

11700.0000 - 12200.0000 MHz

36M0G7W

DIGITAL VIDEO/VOICE/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20050726-00964 E KA259 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 5.60 " N LAT.

77 ° 16 ' 12.40 " W LONG.

ANTENNA ID:	C-LMA-1	9 meters	VERTEX COMMUNICATION	9 KPC
6179.0000 - 6425.0000 MHz	800KGXD	80.30 dBW	TELEMETRY SIGNAL	
6179.0000 - 6425.0000 MHz	1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL	
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	COMMAND SIGNAL	
5925.0000 - 6171.0000 MHz	1M50F3X	80.30 dBW	ENERGY-DISPERSED FM TEST SIGNAL	
5925.0000 - 6171.0000 MHz	800KGXD	80.30 dBW	TELEMETRY SIGNAL	
5850.0000 - 6425.0000 MHz	1M50F3X	80.10 dBW	ENERGY-DISPERSED FM TEST SIGNAL	
3947.0000 - 3953.0000 MHz	800KGXD		TELEMETRY SIGNAL	
3700.0000 - 4200.0000 MHz	1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL	
3700.0000 - 4200.0000 MHz	800KGXD		TELEMETRY SIGNAL	
3700.0000 - 4200.0000 MHz	800KFXD		COMMAND SIGNAL	
3625.0000 - 4200.0000 MHz	1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL	

Points of Communication:

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

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

1 - INTELSAT AOR - (310.0 E.L.)

1 - INTELSAT AOR - (319.5 E.L.)

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (328.6 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (338.7 E.L.)

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

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-MOD-20050726-00965 E KA260 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURY, MD

39 ° 13 ' 5.00 " N LAT.

77 ° 16 ' 12.00 " W LONG.

ANTENNA ID: C-LMA-2	9 meters	VERTEX COMM.	9 KPC
6179.0000 - 6425.0000 MHz	800KGXD	80.30 dBW	TTC&M
6179.0000 - 6425.0000 MHz	1M50F3X	83.00 dBW	TTC&M
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	TTC&M
5925.0000 - 6171.0000 MHz	800KGXD	80.30 dBW	TTC&M
5925.0000 - 6171.0000 MHz	1M50F3X	83.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	1M50F3X	80.10 dBW	TTC&M
3947.0000 - 3953.0000 MHz	800KGXD		TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	800KGXD		TTC&M
3700.0000 - 4200.0000 MHz	1M50F3X		TTC&M

3625.0000 - 3700.0000 MHz	1M50F3X		TTC&M
Points of Communication:			
1 - INTELSAT 805 - (304.5 E.L.)			
1 - INTELSAT AOR - (307.0 E.L.)			
1 - INTELSAT AOR - (310.0 E.L.)			
1 - INTELSAT AOR - (319.5 E.L.)			
1 - INTELSAT AOR - (325.5 E.L.)			
1 - INTELSAT AOR - (328.5 E.L.)			
1 - INTELSAT AOR - (328.6 E.L.)			
1 - INTELSAT AOR - (330.5 E.L.)			
1 - INTELSAT AOR - (332.5 E.L.)			
1 - INTELSAT AOR - (335.5 E.L.)			
1 - INTELSAT AOR - (338.7 E.L.)			
1 - INTELSAT AOR - (342.0 E.L.)			
1 - New Skies 806 - (319.5 E.L.)			
1 - NSS-5 - (183 E.L.)			
SES-MOD-20050726-00966	E KA261	INTELSAT NORTH AMERICA LLC	
Application for Modification			03/31/1999 - 03/31/2009
Grant of Authority			Date Effective: 09/09/2005
Class of Station:	Fixed Earth Stations		
Nature of Service:	Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service		
SITE ID:	1		
LOCATION:	22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD		
	39 ° 13 ' 2.60 " N LAT.	77 ° 16 ' 10.90 " W LONG.	
ANTENNA ID:	CSM LMA-1	15.2 meters	VERTEX 15.2KPC
6172.0000 - 6178.0000 MHz	800KFXD	82.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz	51K2G7W	49.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	76K8G7W	49.60 dBW	DIGITAL DATA

5925.0000 - 6425.0000 MHz	100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz	60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	60M0G1D	86.00 dBW	TTC&M
5850.0000 - 5925.0000 MHz	100KG7W-	58.20 dBW	DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz	72M0G7W	86.80 dBW	DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	800KFXD		TTC&M
3700.0000 - 4200.0000 MHz	60M0G1D		TTC&M
3700.0000 - 4200.0000 MHz	51K2G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	76K8G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	100KG7W-		DIGITAL DATA, VOICE, AND VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	60M0G1D		TTC&M
3625.0000 - 3700.0000 MHz	100KG7W-		DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	72M0G7W		DIGITAL DATA, VOICE, AND VIDEO

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (340.0 E.L.)

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

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-7 - (338.5 E.L.)

SES-MOD-20050726-00967 E E040343 INTELSAT NORTH AMERICA LLC

Application for Modification

10/26/2004 - 10/26/2019

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 40.00 " N LAT.

117 ° 5 ' 5.40 " W LONG.

ANTENNA ID:	1A	8.1 meters	Vertex/RSI	KPK
14000.0000 - 14500.0000 MHz	1M00G7D	52.40 dBW	Digital TT&C Carrier	
14000.0000 - 14500.0000 MHz	200KG7D	62.80 dBW	Digital TT&C Carrier	
14000.0000 - 14500.0000 MHz	1M00F8D	62.80 dBW	Analog TT&C Carrier	
14000.0000 - 14500.0000 MHz	16K0F8D	57.80 dBW	Analog TT&C Carrier	
11700.0000 - 12200.0000 MHz	16K0F8D		Analog TT&C Carrier	
11700.0000 - 12200.0000 MHz	1M00F8D		Analog TT &C Carrier	
11700.0000 - 12200.0000 MHz	200KG7D		Digital TT&C Carrier	
11700.0000 - 12200.0000 MHz	1M00G7D		Digital TT&C Carrier	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20050726-00968 E E980485 INTELSAT NORTH AMERICA LLC

Application for Modification

06/28/2000 - 06/28/2010

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: COMSAT CLARKSBURG FACILITY, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 4.00 " N LAT.

77 ° 16 ' 12.00 " W LONG.

ANTENNA ID:	C-LMA-3	9 meters	VERTEX	9 KPC
6179.0000 - 6425.0000 MHz	1M50F3X	80.30 dBW	ENERGY-DESPERSED FM TEST SIGNAL	
6179.0000 - 6425.0000 MHz	800KGXD	80.30 dBW	TELEMETRY SIGNAL ANALOG RANGING SIGNAL	
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW	COMMAND SIGNAL (TTC&M)	
5925.0000 - 6171.0000 MHz	1M50F3X	80.30 dBW	ENERGY-DESPERSED FM TEST SIGNAL	
5925.0000 - 6171.0000 MHz	800KGXD	80.30 dBW	TELEMETRY SIGNAL ANALOG RANGING SIGNAL	
3700.0000 - 4200.0000 MHz	1M50F3X		ENERGY DISPERSED FM TEST SIGNAL	
3700.0000 - 4200.0000 MHz	800KGXD		TELEMETRY SIGNAL ANALOG RANGING SIGNAL	
3700.0000 - 4200.0000 MHz	800KFXD		COMMAND SIGNAL (TTC&M)	

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (338.7 E.L.)

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

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-MOD-20050726-00969 E E020169 INTELSAT NORTH AMERICA LLC

Application for Modification

04/11/2003 - 04/11/2018

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Nuevo, CA

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 46.50 " N LAT.

117 ° 5 ' 15.00 " W LONG.

ANTENNA ID: 16.4

16.4 meters

Vertex Comm.

THC

5925.0000 - 6425.0000 MHz

43K8G7W

66.70 dBW

Combination of digital carriers,
various FEC rates, various data rates,
various modulation.

5925.0000 - 6425.0000 MHz

72M0G7W

86.00 dBW

Combination of digital carriers,
various FEC rates, various data rates,
various modulation.

5925.0000 - 6425.0000 MHz

36M0F3F

86.00 dBW

Standard Video

5925.0000 - 6425.0000 MHz

72M0G7W

86.00 dBW

Digital Video, Voice and Data

5925.0000 - 6425.0000 MHz

43K8G7W

86.00 dBW

Digital Video, Voice and Data

5925.0000 - 6425.0000 MHz

36M0F3F

86.00 dBW

Analog Video

5925.0000 - 6425.0000 MHz

43K8G7W

66.70 dBW

Combination of digital carriers,
various FEC rates, various data rates,
various modulation.

5925.0000 - 6425.0000 MHz

72M0G7W

86.00 dBW

Combination of digital carriers,
various FEC rates, various data rates,
various modulation.

5925.0000 - 6425.0000 MHz

36M0F3F

86.00 dBW

Standard Video

5925.0000 - 6425.0000 MHz

800KFXD

77.00 dBW

TT&C Carrier

5850.0000 - 5925.0000 MHz	43K8G7W	66.70 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Combination of digital carriers, various FEC rates, various data rates, various modulation.
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Standard Video
5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W		Combination of digital carriers, various FEC rates, various data rates, various modulation.
3700.0000 - 4200.0000 MHz	72M0G7W		Combination of digital carriers, various FEC rates, various data rates, various modulation.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	350KFXD		TT&C Carrier
3625.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3625.0000 - 4200.0000 MHz	36M0F3F		Analog Video
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Video, Voice and Data

Points of Communication:

SES-MOD-20050726-00970 E E020315 INTELSAT NORTH AMERICA LLC

Application for Modification

01/21/2003 - 01/21/2018

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Nuevo, CA

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 45.00 " N LAT.

117 ° 5 ' 15.00 " W LONG.

ANTENNA ID: 16.4	16.4 meters	Vertex	THC
5925.0000 - 6425.0000 MHz	43K8G7W -	66.70 dBW	Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Standard Video with Associated Audio Subcarriers
5925.0000 - 6425.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5925.0000 - 6425.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5925.0000 - 6425.0000 MHz	36M0F3F	86.00 dBW	Analog Video
5925.0000 - 6425.0000 MHz	800KFXD	77.00 dBW	TT&C Carrier
5850.0000 - 5925.0000 MHz	72M0G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	43K8G7W	86.00 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	36M0F3F	86.00 dBW	Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W -		Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Traffic, Various Modulation, FEC Rates and Data Rates. Various Combinations of Information.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with Associated Audio Subcarriers
3700.0000 - 4200.0000 MHz	36M0F8F		Analog Video
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	350KFXD		TT&C Carrier
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	43K8G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	36M0F8F		Analog Video

Points of Communication:

SES-MOD-20050726-00971 E KA25 INTELSAT NORTH AMERICA LLC

Application for Modification

01/10/2003 - 01/10/2018

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations**Nature of Service:** Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: KAM HIGHWAY, P.O. BOX 215, HONOLULU, HALEIWA, HI

21 ° 40 ' 14.60 " N LAT.

158 ° 2 ' 3.10 " W LONG.

ANTENNA ID:	1	19 meters	TIW (CFPA19M)	19M
	6390.3000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6350.6000 - 6360.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6338.4000 - 6340.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6242.0000 - 6308.1000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	COMMAND/TTC&M
	6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	TRACKING, TELEMETRY AND RANGING CARRIER
	6145.7000 - 6189.5000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6098.6000 - 6115.4000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	6027.1000 - 6088.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5990.0000 - 5996.8000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5925.0000 - 6425.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M
	5925.0000 - 5930.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
	5850.0000 - 5925.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M

3947.0000 - 3953.0000 MHz	800KGXD	TELEMETRY/TTC&M
3700.0000 - 4200.0000 MHz	1M50F3X	TEST/TTC&M
3700.0000 - 4200.0000 MHz	800KFXD	TRACKING, TELEMETRY AND RANGING CARRIER
3625.0000 - 3700.0000 MHz	1M50F3X	TEST/TTC&M

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT POR - (157.0 E.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (178.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)

SES-MOD-20050726-00972 E KA258 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 6.60 " N LAT.

77 ° 16 ' 15.30 " W LONG.

ANTENNA ID: K-FPA	14.2 meters	TIW	KFPA14.2
14253.0000 - 14500.0000 MHz	1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
14247.0000 - 14253.0000 MHz	800KFXD	87.00 dBW	COMMAND SIGNAL
14000.0000 - 14500.0000 MHz	NON	61.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	200KF2N	78.30 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	2M00F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER

14000.0000 - 14500.0000 MHz	20M0F3N	87.00 dBW	TT&C, Monitoring, IN-ORBIT TESTING CARRIER
14000.0000 - 14500.0000 MHz	800KGXD	88.00 dBW	TTC&M, Carrier
14000.0000 - 14247.0000 MHz	1M50F3X	87.00 dBW	ENERGY-DISPERSED FM TEST SIGNAL
11700.0000 - 12200.0000 MHz	800KGXD		TTC&M, Carrier
11450.0000 - 12200.0000 MHz	1M50F3X		ENERGY-DISPERSED FM TEST SIGNAL
11450.0000 - 12200.0000 MHz	NON		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	200KF3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	2M00F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 12200.0000 MHz	20M0F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
11450.0000 - 11950.0000 MHz	800KGXD		TTC&M, Carrier
10950.0000 - 11200.0000 MHz	800KFXD		COMMAND SIGNAL
10950.0000 - 11200.0000 MHz	NON		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	200KF3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	2M00F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	20M0F3N		TT&C, Monitoring, IN-ORBIT TESTING CARRIER
10950.0000 - 11200.0000 MHz	800KGXD		TTC&M, Carrier

Points of Communication:

1 - ALSAT - (ALSAT)

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

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

1 - INTELSAT AOR - (310.0 E.L.)

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (340.0 E.L.)

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

1 - New Skies 806 - (319.5 E.L.)

1 - New Skies K - (338.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-MOD-20050726-00973 E KA267 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII P.O. BOX 215, OAHU, PAUMALU, HI

21 ° 40 ' 14.10 " N LAT.

158 ° 2 ' 6.10 " W LONG.

ANTENNA ID: 1

9 meters

VERTEX COMMUNICATION

9KPC

6390.3000 - 6425.0000 MHz

800KFXD

80.03 dBW

COMMAND AND RANGING
SERVICES

6350.6000 - 6360.0000 MHz

800KFXD

80.03 dBW

COMMAND AND RANGING
SERVICES

6242.0000 - 6340.3000 MHz

800KFXD

80.03 dBW

COMMAND AND RANGING
SERVICES

6172.0000 - 6178.0000 MHz

800KFXD

80.03 dBW

COMMAND SIGNAL

5850.0000 - 6425.0000 MHz

1M50F3X

80.03 dBW

ENERGY-DISPERSED FM TEST
SIGNAL

5850.0000 - 6211.6000 MHz

800KFXD

80.03 dBW

COMMAND AND RANGING
SERVICES

3947.0000 - 3953.0000 MHz

800KGXD

TELEMETRY SIGNAL

3625.0000 - 4200.0000 MHz	1M50F3X	ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	800KFXD	COMMAND AND RANGING SERVICES
Points of Communication:		
1 - ALSAT - (ALSAT)		
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-MOD-20050726-00974	E KA265	INTELSAT NORTH AMERICA LLC
Application for Modification		03/31/1999 - 03/31/2009
Grant of Authority		Date Effective: 09/09/2005
Class of Station: Fixed Earth Stations		
Nature of Service: Fixed Satellite Service, International Fixed Satellite Service		
SITE ID: 1		
LOCATION: KAM HIGHWAY, OAHU, PAUMALU, HI		
21 ° 40 ' 27.00 " N LAT. 158 ° 2 ' 16.00 " W LONG.		
ANTENNA ID: C-LMA-T3	9 meters	VERTEX 9KPC (TTC&M)
6172.0000 - 6178.0000 MHz	800KFXD	83.00 dBW COMMAND SIGNAL
5850.0000 - 6425.0000 MHz	1M50F3X	83.00 dBW ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	1M50F3X	ENERGY-DISPERSED FM TEST SIGNAL
3625.0000 - 4200.0000 MHz	800KFXD	COMMAND SIGNAL
Points of Communication:		
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-MOD-20050726-00975 E KA264 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: COMSAT CLARKSBURG, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 5.20 " N LAT.

77 ° 16 ' 13.90 " W LONG.

ANTENNA ID:	C-CCA-2	9 meters	VERTEX	9KPC
6179.0000 - 6425.0000 MHz		800KGXD	80.03 dBW	TELEMETRY/TTC&M
6179.0000 - 6425.0000 MHz		1M50F3X	75.90 dBW	TEST/TTC&M
6179.0000 - 6425.0000 MHz		100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6179.0000 - 6425.0000 MHz		72M0G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz		800KFXD	73.20 dBW	COMMAND/TTC&M
6172.0000 - 6178.0000 MHz		100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
6172.0000 - 6178.0000 MHz		6M00G7W	80.03 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5925.0000 - 6425.0000 MHz		800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
5925.0000 - 6171.0000 MHz		1M50F3X	75.90 dBW	TEST/TTC&M
5925.0000 - 6171.0000 MHz		800KGXD	73.20 dBW	TELEMETRY/TTC&M
5850.0000 - 6171.0000 MHz		100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6171.0000 MHz		72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 5925.0000 MHz		600KF2D	72.00 dBW	CONTROL COORDINATION SIGNAL
3700.0000 - 4200.0000 MHz		800KFXD		COMMAND/TTC&M
3700.0000 - 4200.0000 MHz		1M50F3X		TEST/TTC&M

3700.0000 - 4200.0000 MHz	800KGXD	TELEMETRY/TTC&M
3700.0000 - 4200.0000 MHz	800KFXD	TELEMETRY CARRIERS
3625.0000 - 4200.0000 MHz	100KG7W-	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 3700.0000 MHz	600KF2D	CONTROL COORDINATION SIGNAL

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (340.0 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

SES-MOD-20050726-00976 E KA263 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 4.40 " N LAT.

77 ° 16 ' 13.90 " W LONG.

ANTENNA ID: 1

9 meters

VERTEX

9KPC

5925.0000 - 6425.0000 MHz	600KF2D	72.00 dBW	TTC&M
5925.0000 - 6425.0000 MHz	922KG7W	63.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	1M43G7W	66.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	800KFXD	80.00 dBW	COMMAND AND RANGING CARRIERS
5850.0000 - 6425.0000 MHz	100KG7W-	64.20 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6425.0000 MHz	72M0G7W	82.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
5850.0000 - 6300.0000 MHz	3M50Q2D	72.00 dBW	QPSK, TDMA (BROADBAND VSAT SERVICES)
5850.0000 - 5925.0000 MHz	600KF2D	72.00 dBW	TTC&M
3700.0000 - 4200.0000 MHz	600KF2D		TTC&M
3700.0000 - 4200.0000 MHz	922KG7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M43G7W		DIGITAL DATA
3700.0000 - 4200.0000 MHz	800KFXD		TELEMETRY CARRIERS
3625.0000 - 4200.0000 MHz	100KG7W-		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
3625.0000 - 4075.0000 MHz	3M50Q2D		QPSK, TDMA (BROADBAND VSAT SERVICES)
3625.0000 - 3700.0000 MHz	600KF2D		TTC&M

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (340.0 E.L.)

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

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-MOD-20050726-00978 E KA266 INTELSAT NORTH AMERICA LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI

21 ° 40 ' 15.50 " N LAT.

158 ° 2 ' 6.10 " W LONG.

ANTENNA ID:	C-LMA-T4	9 meters	VERTEX	9KPC
6390.3000 - 6425.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6350.6000 - 6360.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6242.0000 - 6340.3000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6172.0000 - 6178.0000 MHz	800KFXD	80.03 dBW	ENERGY-DISPEASED FM TEST SIGNAL	
6098.6000 - 6211.6000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
5850.0000 - 6425.0000 MHz	1M50F3X	80.03 dBW	ENERGY-DISPEASED FM TEST SIGNAL	
5850.0000 - 6088.3000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
3625.0000 - 4200.0000 MHz	1M50F3X		COMMAND SIGNAL	
3625.0000 - 4200.0000 MHz	800KFXD		COMMAND AND RANGING CARRIER	

Points of Communication:

SES-MOD-20050727-00993 E E990328 SES Americom, Inc.

Application for Modification

11/22/1999 - 11/22/2009

Grant of Authority

Date Effective: 09/09/2005

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

SITE ID: 1

LOCATION: 200 TELEGRAPH HILL ROAD, MONMOUTH, HOLMDEL, NJ

40 ° 23 ' 40.50 " N LAT.

74 ° 10 ' 24.50 " W LONG.

ANTENNA ID: 1 11.3 meters COMSAT/RSI 110 OCS

5925.0000 - 6425.0000 MHz 36M0G7W 85.74 dBW QPSK DIGITAL, VOICE & DATA

3700.0000 - 4200.0000 MHz 36M0G7W QPSK DIGITAL, VOICE & DATA

Points of Communication:

1 - ALSAT - (ALSAT)

1 - INTELSAT AOR - (328.5 E.L.)

SES-MOD-20050805-01074 E WA27 Intelsat LLC

Application for Modification

02/15/2001 - 02/15/2011

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations**Nature of Service:** Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 2001 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 13 ' 21.40 " N LAT.

77 ° 16 ' 32.90 " W LONG.

ANTENNA ID: 1 10 meters COMSAT CORP. TORUS

6230.4175 - 6230.4175 MHz 320KG1W 55.00 dBW IBS / INTELSAT @ 341.5 E.L.

6157.0000 - 6166.0000 MHz 1M54G1W 68.60 dBW IBS / INTELSAT @ 335.5 E.L.

5925.0000 - 6425.0000 MHz 304KG7W 50.30 dBW IBS / INTELSAT @ 325.5 E.L.

5925.0000 - 6425.0000 MHz 384KG7W 50.30 dBW IBS / INTELSAT @ 325.5 E.L.

5925.0000 - 6425.0000 MHz 2M10G1D 62.20 dBW DIGITAL DATA, IBS

5925.0000 - 6425.0000 MHz	3M30G1D	64.60 dBW	DIGITAL DATA, IBS
5925.0000 - 6425.0000 MHz	3M50G1D	60.20 dBW	DIGITAL DATA, IBS
5925.0000 - 6425.0000 MHz	8M90G2F	65.20 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	328KG1D-		DIGITAL DATA
5925.0000 - 6425.0000 MHz	2M72G1D		DIGITAL DATA
5925.0000 - 6425.0000 MHz	3M00G7D		DIGITAL TDMA
5925.0000 - 6425.0000 MHz	72M0G7W	68.60 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
5925.0000 - 6425.0000 MHz	100KG7W	57.00 dBW	ANALOG AND DIGITAL DATA, VOICE AND VIDEO
4005.7325 - 4005.7325 MHz	320KG1W		IBS / INTELSAT @ 341.5 E.L.
3932.0000 - 4175.0000 MHz	1M54G1W		IBS / INTELSAT @ 335.5 E.L.
3700.0000 - 4200.0000 MHz	384KG7W		IBS / INTELSAT @ 325.5 E.L.
3700.0000 - 4200.0000 MHz	304KG7W		IBS / INTELSAT @ 325.5 E.L.
3700.0000 - 4200.0000 MHz			DIGITAL DATA, IBS, DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	328KG1D-		DIGITAL DATA
3700.0000 - 4200.0000 MHz	2M72G1D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	3M00G7D		DIGITAL TDMA
3700.0000 - 4200.0000 MHz	72M0G7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO
3700.0000 - 4200.0000 MHz	100KG7W		ANALOG AND DIGITAL DATA, VOICE AND VIDEO

Points of Communication:

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

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

1 - NSS-5 - (183 E.L.)

SES-MOD-20050805-01075 E E980510 Intelsat LLC

Application for Modification

12/08/1998 - 12/08/2008

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 22001 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD

39 ° 12 ' 57.60 " N LAT.

77 ° 16 ' 27.80 " W LONG.

ANTENNA ID:	7.6M	7.6 meters	NEC	APS-12114-F
14000.0000 - 14500.0000 MHz	NON	88.00 dBW	CW carrier	
14000.0000 - 14500.0000 MHz	27M0G7D	71.90 dBW	Digital data, IBS	
14000.0000 - 14500.0000 MHz	51K2G7D-	39.70 dBW	Digital data, IBS, IDR	
14000.0000 - 14500.0000 MHz	27M6G7D	74.60 dBW	Digital data, IBS, IDR	
11450.0000 - 12200.0000 MHz	NON	CW carrier		
11450.0000 - 12200.0000 MHz	27M0G7D	Digital data, IBS		
11450.0000 - 12200.0000 MHz	51K2G7D-	Digital data, IBS, IDR		
11450.0000 - 12200.0000 MHz	27M6G7D	Digital data, IBS, IDR		
11450.0000 - 12200.0000 MHz	70K0G2D	TT&C Digital carrier		
10950.0000 - 11200.0000 MHz	27M0G7D	Digital data, IBS		
10950.0000 - 11200.0000 MHz	51K2G7D-	Digital data, IBS, IDR		
10950.0000 - 11200.0000 MHz	27M6G7D	Digital data, IBS, IDR		
10950.0000 - 11200.0000 MHz	70K0G2D	TT&C Digital carrier		
10950.0000 - 11200.0000 MHz	NON	CW carrier		

ANTENNA ID:	7.6M	7.6 meters	NEC	APS-12114-F
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Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - EUTELSAT II-F-2 - (12.5 W.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - TELSTAR 11 - (37.5 W.L.)

SES-MOD-20050805-01076 E WA22 Intelsat LLC

Application for Modification

01/10/2003 - 01/10/2018

Grant of Authority

Date Effective: 09/12/2005

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

SITE ID: 1

LOCATION: OXFORD, ANDOVER, ME

44 ° 37 ' 57.00 " N LAT.

70 ° 42 ' 0.00 " W LONG.

ANTENNA ID: 1

16 meters

TIW Systems

CFPA 16

5925.0000 - 6425.0000 MHz

56K0M9W

52.00 dBW

TTC&M, Digital test to perform
troubleshooting of IBS

5925.0000 - 6425.0000 MHz

8M71M9W

72.30 dBW

TTC&M, Digital test to perform
troubleshooting of IBS

5925.0000 - 6425.0000 MHz

30M0F3F

85.00 dBW

TTC&M, Video test to perform
troubleshooting of TV

5925.0000 - 6425.0000 MHz

140MF2D

91.97 dBW

140 Mbps cable restoral carrier for
MCII

3700.0000 - 4200.0000 MHz

Points of Communication:

- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)

1 - INTELSAT AOR - (310.0 E.L.)

1 - INTELSAT AOR - (319.5 E.L.)

1 - INTELSAT AOR - (325.5 E.L.)

1 - INTELSAT AOR - (328.5 E.L.)

1 - INTELSAT AOR - (328.6 E.L.)

1 - INTELSAT AOR - (330.5 E.L.)

1 - INTELSAT AOR - (332.5 E.L.)

1 - INTELSAT AOR - (335.5 E.L.)

1 - INTELSAT AOR - (338.7 E.L.)

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

1 - INTELSAT AOR - (359.0 E.L.)

1 - New Skies 806 - (319.5 E.L.)

1 - NSS-5 - (183 E.L.)

SES-MOD-20050805-01078 E E010206 Intelsat LLC

Application for Modification

11/20/2001 - 11/20/2011

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 46.10 " N LAT.

117 ° 5 ' 15.10 " W LONG.

ANTENNA ID: A1	13 meters	Harris Corp.	Vertex
5925.0000 - 6425.0000 MHz	36M0G7W	87.50 dBW	Compressed Digital Video.
5925.0000 - 6425.0000 MHz	4M00G7W	81.60 dBW	Compressed Digital Video.
5925.0000 - 6425.0000 MHz	51K2G7D	65.17 dBW	Digital Data.
5925.0000 - 6425.0000 MHz	36M0G7D	87.50 dBW	Digital Data.
5925.0000 - 6425.0000 MHz	36M0F3F	83.79 dBW	Analog Video.

5925.0000 - 6425.0000 MHz	36M0G7W	85.00 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 45 MBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	51K2G7W	63.80 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64 KBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	36M0F3F	81.60 dBW	STANDARD VIDEO
5850.0000 - 6425.0000 MHz	72M0G7W	83.90 dBW	DIGITAL VIDEO, VOICE AND DATA
5850.0000 - 6425.0000 MHz	36M0F8F	83.80 dBW	ANALOG VIDEO
5850.0000 - 6425.0000 MHz	43K8G7W	83.90 dBW	DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	4M00G7W	0.00 dBW	Compressed Digital Video.
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Compressed Digital Video.
3700.0000 - 4200.0000 MHz	51K2G7D	0.00 dBW	Digital Data.
3700.0000 - 4200.0000 MHz	36M0G7D	0.00 dBW	Digital Data.
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Analog Video.
3700.0000 - 4200.0000 MHz	36M0G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 45 MBPS, VARIOUS INFORMATION.
3700.0000 - 4200.0000 MHz	51K2G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64 KBPS, VARIOUS INFORMATION.
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD VIDEO
3625.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VIDEO, VOICE AND DATA
3625.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3625.0000 - 4200.0000 MHz	43K8G7W		DIGITAL VIDEO, VOICE AND DATA
ANTENNA ID: A2	4.5 meters	Andrew Corp.	ESA45

5925.0000 - 6425.0000 MHz	36M0G7W	69.00 dBW	Compressed Digital Video.
5925.0000 - 6425.0000 MHz	36M0G7W	69.00 dBW	Compressed Digital Video.
5925.0000 - 6425.0000 MHz	51K2G7D	53.10 dBW	Digital Data.
5925.0000 - 6425.0000 MHz	36M0G7D	69.00 dBW	Digital Data.
5925.0000 - 6425.0000 MHz	36M0F3F	69.00 dBW	Analog video.
5925.0000 - 6425.0000 MHz	36M0G7W	71.53 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 45 MBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	51K2G7W	52.00 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64 KBPS, VARIOUS INFORMATION.
5925.0000 - 6425.0000 MHz	36M0F3F	71.00 dBW	STANDARD VIDEO
3700.0000 - 4200.0000 MHz	4M00G7W	0.00 dBW	Compressed Digital Video.
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Compressed Digital Video.
3700.0000 - 4200.0000 MHz	51K2G7D	0.00 dBW	Digital Data.
3700.0000 - 4200.0000 MHz	36M0G7D	0.00 dBW	Digital Data.
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Analog Video.
3700.0000 - 4200.0000 MHz	36M0G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 45 MBPS, VARIOUS INFORMATION.
3700.0000 - 4200.0000 MHz	51K2G7W		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64 KBPS, VARIOUS INFORMATION.
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD VIDEO

Points of Communication:

SES-MOD-20050805-01079 E E990551 Intelsat LLC
Application for Modification
Grant of Authority

03/28/2000 - 03/28/2010
Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 22401 Juniper Flats Road, Riverside, Nuevo, CA

33 ° 47 ' 46.00 " N LAT.

117 ° 5 ' 15.00 " W LONG.

ANTENNA ID: A1	9.3 meters	Andrew Corp.	ESA93
5925.0000 - 6425.0000 MHz	51K2G7D-	55.40 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	36M0G7D	83.90 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	51K2G7W-	55.40 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	36M0G7W	83.90 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	72M0G7W	83.90 dBW	Digital Video, Voice and Data
5925.0000 - 6425.0000 MHz	43K8G7W	83.90 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	72M0G7W	83.90 dBW	Digital Video, Voice and Data
5850.0000 - 5925.0000 MHz	43K8G7W	83.90 dBW	Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	51K2G7D-		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	36M0G7D		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	51K2G7W-		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	36M0G7W		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	72M0G7W		Digital Video, Voice and Data
3700.0000 - 4200.0000 MHz	43K8G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	72M0G7W		Digital Video, Voice and Data
3625.0000 - 3700.0000 MHz	43K8G7W		Digital Video, Voice and Data

ANTENNA ID: A2	9.3 meters	Andrew Corp.	ESA93
5925.0000 - 6425.0000 MHz	51K2G7D-	55.40 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	36M0G7D	83.90 dBW	Various Digital Carriers, IP/Internet
5925.0000 - 6425.0000 MHz	51K2G7W-	55.40 dBW	Various Digital Carriers, IP/Internet

5925.0000 - 6425.0000 MHz	36M0G7W	83.90 dBW	Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	51K2G7D-		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	36M0G7D		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	51K2G7W-		Various Digital Carriers, IP/Internet
3700.0000 - 4200.0000 MHz	36M0G7W		Various Digital Carriers, IP/Internet

Points of Communication:

SES-MOD-20050805-01080 E E900992 Intelsat LLC

Application for Modification

03/15/2001 - 03/15/2011

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 22401 JUNIPER FLATS ROAD, RIVERSIDE, NUEVO, CA

33 ° 47 ' 46.00 " N LAT.

117 ° 5 ' 12.00 " W LONG.

ANTENNA ID: 1	7 meters	SATCOM/RST	700KS
14000.0000 - 14500.0000 MHz	36M0G7D	83.60 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 45 MBPS, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	51K2G7D	55.10 dBW	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 64 KBPS, VARIOUS INFORMATION
14000.0000 - 14500.0000 MHz	36M0F3F	85.00 dBW	STANDARD VIDEO
14000.0000 - 14500.0000 MHz	72M0G7W	64.80 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
14000.0000 - 14500.0000 MHz	100KG7W	57.00 dBW	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	36M0G7D		BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 45 MBPS, VARIOUS INFORMATION

11700.0000 - 12200.0000 MHz	51K2G7D	BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 64 KBPS, VARIOUS INFORMATION
11700.0000 - 12200.0000 MHz	36M0F3F	STANDARD VIDEO
11700.0000 - 12200.0000 MHz	72M0G7W	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO
11700.0000 - 12200.0000 MHz	100KG7W	ANALOG AND DIGITAL DATA, VOICE, AND VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20050721-01047 E E050243 MORRISTOWN POWER SYSTEM

Registration

07/21/2005 - 07/21/2020

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 919 JARNIGAN STREET, HAMBLLEN, MORRISTOWN, TN

36 ° 11 ' 40.70 " N LAT.

83 ° 18 ' 29.70 " W LONG.

ANTENNA ID: 1

5 meters

ANTENNA TECH CORP

SIMULSAT 5M

3700.0000 - 4200.0000 MHz

36M0F8W

ANALOG VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20050805-01046 E E050242 ALCORN STATE UNIVERSITY

Registration

08/05/2005 - 08/05/2020

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1000 ASU DRIVE #269 (WPRL), JEFFERSON, ALCORN, MS

31 ° 52 ' 33.30 " N LAT.

91 ° 8 ' 8.90 " W LONG.

ANTENNA ID: 1

3 meters

MICRODYNE

32-25LOG(THETA)

3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-INTR2005-02078 E WorldSpace, Inc.
 Registration
 Withdrawn Date Effective: 09/11/2005

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Silver Spring
 LOCATION: 8515 Georgia Avenue, Montgomery, Silver Spring, MD
 38 ° 59 ' 41.40 " N LAT. 77 ° 1 ' 35.40 " W LONG.

ANTENNA ID: A1 3.7 meters Prodelin Corporation 1374

3700.0000 - 4200.0000 MHz 512KG7W - Digital Radio, Video, and Data

3700.0000 - 4200.0000 MHz 36M0G7W Digital Radio, Video, and Data

Points of Communication:

Silver Spring - ALSAT - (ALSAT)

SES-RWL-19970610-00747 P E860813 DETROIT FREE PRESS, INC.
 Renewal 07/10/1997 - 07/10/2007
 Grant of Authority Date Effective: 06/20/1997

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

"Name change only," from The Detroit News, Inc. to Detroit Free Press, Inc.

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters SATCOM TECHNOLOGIES, INC./240KV

14000.0000 - 14500.0000 MHz 36000F9 75.80 dBW

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20050907-01218 E E940491 NBC Telemundo License Co.

Renewal

09/07/2005 - 09/07/2020

Grant of Authority

Date Effective: 09/12/2005

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 316 NORTH MIAMI AVENUE, DADE, MIAMI, FL

25 ° 46 ' 37.00 " N LAT.

80 ° 11 ' 42.00 " W LONG.

ANTENNA ID: 1

4.6 meters

SCIENTIFIC-ATLANTA

8005 (S40461)

3700.0000 - 4200.0000 MHz

36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20050831-01209 E E000152 NEW SKIES NETWORKS, INC.

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

Special Temporary Authority (STA) is granted for a period of 60 days from September 9, 2005 until November 7, 2005.

Points of Communication:

SES-STA-20050901-01200 E E050008 EchoStar Satellite Operating Corporation

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is Granted for an additional 30 days beginning September 13, 2005 and ending October 13, 2005.

Points of Communication:

SES-STA-20050901-01201 E E050045 EchoStar Satellite Operating Corporation

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is Granted for an additional 30 days beginning September 13, 2005 and ending October 13, 2005.

Points of Communication:

SES-STA-20050906-01216 E FTMSC USA, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/06/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina, for a period of 30 days beginning September 1, 2005 and ending October 1, 2005.

Points of Communication:

SES-STA-20050907-01217 E E020083 BJ Services Company U.S.A.
Special Temporary Authority
Grant of Authority Date Effective: 09/07/2005

Class of Station:

Special Temporary Authority is GRANTED for a period of 30 days from September 7, 2005 until October 6, 2005.

Points of Communication:

SES-STA-20050908-01222 E Loral Skynet Network Services, Inc. (Debtor-in-Possession)
Special Temporary Authority
Grant of Authority Date Effective: 09/02/2005

Class of Station:

Special Temporary Authority is Granted for a period of 30 days from September 2, 2005 until October 1, 2005.

Points of Communication:

SES-STA-20050908-01224 E E040270 Maritime Telecommunications Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/04/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina, for a period of 30 days beginning September 4, 2005 and ending October 4, 2005.

Points of Communication:

SES-STA-20050908-01225 E

Maritime Telecommunications Network, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/10/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina for a period of 30 days beginning September 10, 2005 and ending October 10, 2005.

Points of Communication:

SES-STA-20050909-01228 E E950170

SunGard NetWork Solutions Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is GRANTED for an additional 30 days beginning September 11, 2005 and ending October 11, 2005.

Points of Communication:

SES-STA-20050909-01229 E E880067

SunGard NetWork Solutions Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is GRANTED for an additional 30 days beginning September 11, 2005 and ending October 11, 2005.

Points of Communication:

SES-STA-20050909-01230 E E880068

SunGard NetWork Solutions Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is GRANTED for an additional 30 days beginning September 11, 2005 and ending October 11, 2005.

Points of Communication:

SES-STA-20050909-01231 E E950171

SunGard NetWork Solutions Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/09/2005

Class of Station:

Extension for Special Temporary Authority is GRANTED for an additional 30 days beginning September 11, 2005 and ending October 11, 2005.

Points of Communication:

SES-STA-20050910-01236 E Maritime Telecommunications Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/10/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina for a period of 30 days beginning September 10, 2005 and ending October 10, 2005.

Points of Communication:

SES-STA-20050910-01237 E Maritime Telecommunications Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/10/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina for a period of 30 days beginning September 10, 2005 and ending October 10, 2005.

Points of Communication:

SES-STA-20050910-01238 E Maritime Telecommunications Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/10/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina for a period of 30 days beginning September 10, 2005 and ending October 10, 2005.

Points of Communication:

SES-STA-20050910-01239 E Maritime Telecommunications Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/10/2005

Class of Station:

Special Temporary Authority is GRANTED to provide Emergency Communications in Areas Impacted by Hurricane Katrina for a period of 30 days beginning September 10, 2005 and ending October 10, 2005.

Points of Communication:

SES-STA-INTR2005-02091 E Gray Television Licensee, Inc.
Special Temporary Authority
Withdrawn Date Effective: 09/12/2005

Class of Station:

Points of Communication:

SES-T/C-20050722-00960 E E5451 Communications III, Incorporated
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/09/2005

Current Licensee: Communications III, Incorporated

FROM: COMMUNICATIONS III

TO: Parkview Avenue, LLC

No. of Station(s) listed: 1

SES-T/C-20050805-01057 E E870925 Oklahoma State University Educational Television Services
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2005

Current Licensee: Oklahoma State University Educational Television Services

FROM: OKLAHOMA STATE UNIVERSITY EDUCATIONAL TELEVISION SERVICES

TO: Massaro Satellite Communications, Inc.

No. of Station(s) listed: 1

SES-T/C-20050829-01180 E E000362 SkyTerra Holdings, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/07/2005

Current Licensee: HNS License Sub, Limited

FROM: SKYTERRA COMMUNICATIONS, INC.

TO: SkyTerra Holdings, Inc.

No. of Station(s) listed: 9

SES-T/C-20050829-01181 E E000166 SkyTerra Holdings, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/07/2005

Current Licensee: HNS License Sub, LLC

FROM: SKYTERRA COMMUNICATIONS, INC.

TO: SkyTerra Holdings, Inc.

No. of Station(s) listed: 5

SES-T/C-20050909-01233 E E5491 COSMOS BROADCASTING CORPORATION
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2005

Current Licensee: COSMOS BROADCASTING CORPORATION

FROM: SHAREHOLDERS OF THE LIBERTY CORPORATION

TO: RAYCOM MEDIA, INC.

No. of Station(s) listed: 5

SES-T/C-20050909-01234 E E7413 CIVIC COMMUNICATIONS CORPORATION II

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 09/12/2005

Current Licensee: CIVIC COMMUNICATIONS CORPORATION II

FROM: SHAREHOLDERS OF THE LIBERTY CORPORATION

TO: RAYCOM MEDIA, INC.

No. of Station(s) listed: 1

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