



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00655

Wednesday October 27, 2004

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-20040916-01392 E E040343 INTELSAT LLC

Amendment

Grant of Authority

Date Effective: 10/26/2004

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-ASG-20040914-01382 E E990064 Smith Television of New York License Holdings, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 10/26/2004

Current Licensee: Smith Television of New York License Holdings, LLC

FROM: SMITH TELEVISION OF NEW YORK LICENSING HOLDINGS, LLC

TO: Smith Media License Holdings, LLC

No. of Station(s) listed: 2

SES-ASG-20040914-01383 E E990072 Smith Broadcasting of Vermont, LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 10/26/2004

Current Licensee: SMITH BROADCASTING OF VERMONT

FROM: SMITH BROADCASTING OF VERMONT, LLC

TO: Smith Media License Holdings, LLC

No. of Station(s) listed: 1

SES-LIC-20040720-01013 E E040310 EQUITY BROADCASTING CORPORATION

Application for Authority

10/20/2004 - 10/20/2019

Grant of Authority

Date Effective: 10/20/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: HUB

LOCATION: #1 SHACKLEFORD DRIVE SUITE 400, (2.4METER), PULASKI, LITTLE ROCK, AR

34 ° 45 ' 21.30 " N LAT.

92 ° 23 ' 44.60 " W LONG.

ANTENNA ID: 2.4M.

2.4 meters

VERTEX-RSI

2.4 DMK

14000.0000 - 14500.0000 MHz

15M0G7W

54.40 dBW

DATA, DIGITAL VIDEO

11700.0000 - 12200.0000 MHz

15M0G7W

DATA, DIGITAL VIDEO

11700.0000 - 12200.0000 MHz

15M0G7W

DATA, DIGITAL VIDEO

SITE ID: REMOTE1

LOCATION: VSAT (2.4METER), CONUS

ANTENNA ID: 2.4M.

2.4 meters

PATRIOT

2.4M

14000.0000 - 14500.0000 MHz

15M0G7W

52.00 dBW

DATA, DIGITAL VIDEO

SITE ID: REMOTE2

LOCATION: VSAT (2.4METER), CONUS

ANTENNA ID: 1.8M.	1.8 meters	PATRIOT	1.8M
14000.0000 - 14500.0000 MHz	15M0G7W	52.00 dBW	DATA, DIGITAL VIDEO
11700.0000 - 12200.0000 MHz	15M0G7W		DATA, DIGITAL VIDEO

Points of Communication:

HUB - ALSAT - (ALSAT)

REMOTE1 - ALSAT - (ALSAT)

REMOTE2 - ALSAT - (ALSAT)

SES-LIC-20040824-01208 E E040343 INTELSAT LLC

Application for Authority

10/26/2004 - 10/26/2019

Grant of Authority

Date Effective: 10/26/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic 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	16K0F8D	57.80 dBW	Analog TT&C Carrier
11700.0000 - 12200.0000 MHz	1M00G7D		Digital TT&C Carrier
11700.0000 - 12200.0000 MHz	200KG7D		Digital TT&C Carrier
11700.0000 - 12200.0000 MHz	1M00F8D		Analog TT &C Carrier
11700.0000 - 12200.0000 MHz	16K0F8D		Analog TT&C Carrier
14000.0000 - 14500.0000 MHz	1M00F8D	62.80 dBW	Analog TT&C Carrier
14000.0000 - 14500.0000 MHz	200KG7D	62.80 dBW	Digital TT&C Carrier
14000.0000 - 14500.0000 MHz	1M00G7D	52.40 dBW	Digital TT&C Carrier

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20040831-01269 E E040345 KENS-TV, INC.

Application for Authority

10/21/2004 - 10/21/2019

Grant of Authority

Date Effective: 10/21/2004

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 5400 FREDERICKSBURG ROAD SAN ANTONIO, TX 78229, BEXAR, VARIOUS

ANTENNA ID: 1 1.2 meters AVL Technologies 1200

14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW Digital video transmissions/One 36 megabit MCPC digital carrier for voice/data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20040903-01308 E E040362 MCI WORLDCOM NETWORK SERVICES, INC.

Application for Authority

10/21/2004 - 10/21/2019

Grant of Authority

Date Effective: 10/21/2004

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters VERTEX /RSI 240MVO

14000.0000 - 14500.0000 MHz 51K2G7W - 46.10 dBW DIGITAL VOICE AND DATA

14000.0000 - 14500.0000 MHz 6M00G7W 63.00 dBW DIGITAL VOICE AND DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20040909-01358 E E040365 OKLAHOMA STATE UNIVERSITY

Application for Authority

10/20/2004 - 10/20/2019

Grant of Authority

Date Effective: 10/20/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 302 PAUL MILLER BUILDING (KOSU-FM), PAYNE, STILLWATER, OK
36 ° 7 ' 13.80 " N LAT. 97 ° 4 ' 6.60 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	PRODELIN	1383
	3700.0000 - 4200.0000 MHz	230KG7W		DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS
	5925.0000 - 6425.0000 MHz	230KG7W	51.16 dBW	DIGITAL TRAFFIC, QPSK, 1/2 FEC, VARIOUS INFORMATION, 192 KBPS

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20040913-01373 E E040367 TAMSCO, TECHNICAL AND MANAGEMENT SERVICES COMPANY
Application for Authority 10/20/2004 - 10/20/2019
Grant of Authority Date Effective: 10/20/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: HUB
LOCATION: 829 CHIEF EDDIE HOFFMAN HIGHWAY (4.5 M. HUB), BETHEL, BETHEL, AK
60 ° 47 ' 18.90 " N LAT. 161 ° 47 ' 13.10 " W LONG.

ANTENNA ID:	HUB 1H	4.5 meters	SUMAN	SM-T4.5RK
	11700.0000 - 12200.0000 MHz	4M55G7W		DIGITAL VOICE AND DATA
	14000.0000 - 14500.0000 MHz	4M55G7W	65.30 dBW	DIGITAL VOICE AND DATA

SITE ID: REMOTE 1
LOCATION: VARIOUS LOCATIONSTHROUGHOUT ALASKA , (1.8 M.VSAT), CONUS, (32 UNITS)

ANTENNA ID:	REMT 1R	1.8 meters	PRODELIN CORPORATION	1184
	14000.0000 - 14500.0000 MHz	4M55G7W	52.50 dBW	DIGITAL VOICE AND DATA
	11700.0000 - 12200.0000 MHz	4M55G7W		DIGITAL VOICE AND DATA

Points of Communication:

HUB - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

SES-MOD-20040804-01087 E E030029 LORAL SPACECOM CORPORATION (DEBTOR-IN-POSSESSION)
 Application for Modification 03/20/2003 - 03/20/2018
 Grant of Authority Date Effective: 10/20/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1 HUB

LOCATION: 1305 INDUSTRIAL PARK ROAD (9.0M. HUB), SHENANDOAH, MT. JACKSON, VA
 38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID: 9.0M/V	9 meters	VERTEX	9 KPK
14000.0000 - 14500.0000 MHz	3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	54M0G7W	75.00 dBW	QPSK 48MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	324KG7W		QPSK 144 KBPS
11700.0000 - 12200.0000 MHz	842KG7W		QPSK 384 KBPS
11700.0000 - 12200.0000 MHz	4M41G7W		QPSK 2048 KBPS
11700.0000 - 12200.0000 MHz	3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz	380KG7W		QPSK 256 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	750KG7W		QPSK 512 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK 1024 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK 2048 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	360KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	936KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE

SITE ID: REMOTE 1
LOCATION: (0.95M.VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	0.95M/R	0.95 meters	RAYTHEON	SMDS 2100
14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS	
14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS	
14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS	
14000.0000 - 14500.0000 MHz	3M17G7W	44.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE	
14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
11700.0000 - 12200.0000 MHz	3M91G7W	QPSK 3MBPS HUB OUTBOUND TO VSAT		
11700.0000 - 12200.0000 MHz	8M79G7W	QPSK 8MBPS HUB OUTBOUND TO VSAT		
11700.0000 - 12200.0000 MHz	54M0G7W	QPSK 48MBPS 2/3 FEC		

SITE ID: REMOTE 2
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	3M17G7W	46.00 dBW	QPSK 2048 KBPS, RATE 1/2 CODE	

14000.0000 - 14500.0000 MHz	324KG7W	46.00 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	46.00 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	4M41G7W	46.00 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.00 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 3

LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/P 1.8 meters PRODELIN 1194

14000.0000 - 14500.0000 MHz	4M41G7W	49.70 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	49.70 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	324KG7W	49.70 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.70 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.70 dBW	QPSK 1025 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.70 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	75K0G7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	8M79G7W	QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W	QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 7
LOCATION: (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	2.4M/CM	2.4 meters	CHANNEL MASTER	TYPE 240
	14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 4
LOCATION: (.96M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5

LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 6			
LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)			
ANTENNA ID: 1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE180
14000.0000 - 14500.0000 MHz	380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8P

LOCATION: 1305 INDUSTRIAL PARK ROAD (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/PAT 2.4 meters PATRIOT TXFCC-240KU

14000.0000 - 14500.0000 MHz 380KG7W 55.00 dBW QPSK, 256KBPS, TURBOCODE, 2/3 FEC

14000.0000 - 14500.0000 MHz	3M00G7W	55.30 dBW	QPSK 2048KBPS, TURBOCODE, 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS, HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK, 48 MBPS, HUB OUTBOUND TO VSAT

SITE ID: REMOTE 9P

LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/PAT	1.2 meters	PATRIOT	TXFCC-120KU
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	2048KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	256 KBPS 2/3FEC TURBO CODE
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

SITE ID: REMOTE 10P

LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/PAT	1.8 meters	PATRIOT	TXFCC-180KU
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	380KG7W	52.80 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

SITE ID: REMOTE 11PROD

LOCATION: 1305 INDUSTRIAL PARK ROAD (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/PRO.	2.4 meters	PRODELIN	P24
14000.0000 - 14500.0000 MHz	380KG7W	52.70 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	750KG7W	52.60 dBW	QPSK, 512 KBPS, 2/3 FEC TURBOCODING

14000.0000 - 14500.0000 MHz	1M50G7W	52.90 dBW	QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	3M00G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	360KG7W	52.40 dBW	QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48 MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	750KG7W		QPSK, 512 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	360KG7W		QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE

Points of Communication:

1 HUB - ALSAT - (ALSAT)

1 HUB - TELESTAR 12 - (15 W.L.)

REMOTE 1 - TELESTAR 11 - (37.5 W.L.)

REMOTE 1 - TELESTAR 12 - (15 W.L.)

REMOTE 10P - ALSAT - (ALSAT)

REMOTE 11PROD - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 2 - TELESTAR 12 - (15 W.L.)

REMOTE 3 - ALSAT - (ALSAT)

REMOTE 3 - TELESTAR 12 - (15 W.L.)

REMOTE 4 - TELESTAR 12 - (15 W.L.)

REMOTE 5 - ALSAT - (ALSAT)

REMOTE 5 - TELESTAR 12 - (15 W.L.)

REMOTE 6 - ALSAT - (ALSAT)

REMOTE 6 - TELESTAR 12 - (15 W.L.)

REMOTE 7 - ALSAT - (ALSAT)

REMOTE 7 - TELESTAR 12 - (15 W.L.)

REMOTE 8P - ALSAT - (ALSAT)

REMOTE 9P - ALSAT - (ALSAT)

SES-MOD-20040809-01115 E E020101 LORAL SPACECOM CORPORATION (DEBTOR-IN-POSSESSION)

Application for Modification

09/17/2002 - 09/17/2017

Grant of Authority

Date Effective: 10/20/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: REMOTE 1.8M

LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/P	1.8 meters	PRODELIN	1194
14000.0000 - 14500.0000 MHz	324KG7W	49.70 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	842KG7W	49.70 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M41G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE	
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE	

14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID:	HUB 9.3-M		
LOCATION:	1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA		
	38 ° 43 ' 42.00 " N LAT.	78 ° 39 ' 25.00 " W LONG.	
ANTENNA ID:	9.3-M/V	9.3 meters	VERTEX 94.1.6

14000.0000 - 14500.0000 MHz	3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	54M0G7W	78.30 dBW	QPSK 48MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	324KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	842KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M41G7W		QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz	380KG7W		QPSK 256 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	750KG7W		QPSK 512 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK 1024 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK 2048 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	360KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	936KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE
SITE ID: REMOTE 0.95M			
LOCATION: VSAT (0.95M), CONUS, (5000 UNITS)			
ANTENNA ID: 0.95M/R	0.95 meters	RAYTHEON	SMDS2100
14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE

14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	49.50 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 1.2M			
LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)			
ANTENNA ID: 1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	324KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M41G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	49.50 dBW	QPSK 2048 KBPS 1/2 FEC

14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.10 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.10 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.10 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.10 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5

LOCATION: VSAT (0.96M), CONUS, (5000 UNITS)

ANTENNA ID: 0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 6			
LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)			
ANTENNA ID: 1.2M.CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 7			
LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)			
ANTENNA ID: 1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE 180
14000.0000 - 14500.0000 MHz	380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8

LOCATION: VSAT (2.4M), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/CM 2.4 meters CHANNEL MASTER TYPE 240

14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TIRBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE9P			
LOCATION: VSAT (1.2M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)			
ANTENNA ID: 1.2M PAT	1.2 meters	PATRIOT	TXFCC-120KU
14000.0000 - 14500.0000 MHz	3M00G7W	46.50 dBW	2048 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	46.50 dBW	256 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.00 dBW	QPSK, 2048 KBPS, 1/2 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK, 144 KBPS, 1/2 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W		QPSK, 48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
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SITE ID: REMOTE10P

LOCATION: VSAT (1.8M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 1.8M PAT	1.8 meters	PATRIOT	TXFCC-180KU
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14000.0000 - 14500.0000 MHz	3M00G7W	56.00 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	380KG7W	56.00 dBW	QPSK, 256 KBPS, 2/3 FEC TURBOCODING
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11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
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11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256 KBPS, 2/3 FEC TURBOCODING
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SITE ID: REMOTE8P

LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 2.4M PAT	2.4 meters	PATRIOT	TXFCC-240KU
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14000.0000 - 14500.0000 MHz	380KG7W	58.50 dBW	QPSK, 256 KBPS, TURBOCODE, 2/3 FEC
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14000.0000 - 14500.0000 MHz	3M00G7W	58.50 dBW	QPSK 2048 KBPS, TURBOCODE, 2/3 FEC
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11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS, HUB OUTBOUND TO VSAT
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11700.0000 - 12200.0000 MHz	54M0G7W		QPSK, 48 MBPS, HUB OUTBOUND TO VSAT
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SITE ID: REMOTE11 PROD

LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 2.4M PROD	2.4 meters	PRODELIN	P24
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14000.0000 - 14500.0000 MHz	380KG7W	54.10 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	750KG7W	52.50 dBW	QPSK, 512 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	360KG7W	52.80 dBW	QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48 MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	750KG7W		QPSK, 512 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	360KG7W		QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE

Points of Communication:

HUB 9.3-M - ALSAT - (ALSAT)

REMOTE 0.95M - TELESTAR 11 - (37.5 W.L.)

REMOTE 0.95M - TELSTAR 6 - (93 W.L.)

REMOTE 1.2M - ALSAT - (ALSAT)

REMOTE 1.8M - ALSAT - (ALSAT)

REMOTE 5 - TELSTAR 6 - (93 W.L.)

REMOTE 6 - ALSAT - (ALSAT)

REMOTE 7 - ALSAT - (ALSAT)

REMOTE 8 - ALSAT - (ALSAT)

REMOTE10P - ALSAT - (ALSAT)

REMOTE11 PROD - ALSAT - (ALSAT)

REMOTE8P - ALSAT - (ALSAT)

REMOTE9P - ALSAT - (ALSAT)

SES-MOD-20040830-01274 E E020340 NORTHROP GRUMMAN CORPORATION

Application for Modification

02/06/2003 - 02/06/2018

Grant of Authority

Date Effective: 10/26/2004

Class of Station: Temporary Fixed Earth Station

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

SITE ID: 1

LOCATION: (JOINT-STARS 1.8 METER NO. 2), VARIOUS

ANTENNA ID: 1	1.8 meters	VERTEX RSI	18QD
14000.0000 - 14500.0000 MHz	6M55G7W	52.52 dBW	8.192 MBPS, QPSK, FEC
11700.0000 - 12200.0000 MHz	6M55G7W		8.192 MBPS, QPSK, FEC

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20041013-01525 E E3275 Fisher Broadcasting Company

Application for Modification

08/27/2001 - 08/27/2011

Returned No Action

Date Effective: 10/21/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

This Modification filed on October 13, 2004 only has been Returned With No Action Taken due to it should never have been filed as a Modification, therefore it has been withdrawn by the Frequency Coordinator to be refiled correctly as a New Receive-Only Registration.

SITE ID: 1

LOCATION: 255 NW SKYLINE BLVD. (KATU-TV), MULTNOMAH, PORTLAND, OR
45 ° 31 ' 13.40 " N LAT. 122 ° 44 ' 41.30 " W LONG.

ANTENNA ID: 1	10 meters	SCIENTIFIC ATLANTA	8002
5925.0000 - 6425.0000 MHz	36000F9	87.00 dBW	

3700.0000 - 4200.0000 MHz 36000F9

ANTENNA ID: 2 9.1 meters ANDREW CORPORATION ESA91H-46-108

5925.0000 - 6425.0000 MHz 36000F9 87.00 dBW

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040810-01133 E E040333 DAKTEL COMMUNICATIONS, LLC

Registration

10/21/2004 - 10/21/2019

Grant of Authority

Date Effective: 10/21/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

"CORRECTION" due to a typo error this Receive-Only Registration appeared on Accepted Public Notice Report No. SES-00640, dated September 15, 2004 without the Antenna Diameter Size, it should have been a 5.0 Meter as shown on application filing and frequency coordination report.

SITE ID: 1

LOCATION: 1023 16TH STREET, SW, STUTSMAN, JAMESTOWN, ND

46 ° 53 ' 35.20 " N LAT.

98 ° 43 ' 23.20 " W LONG.

ANTENNA ID: 1 5 meters ATCi SIMULSAT 5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH AUDIO
SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040813-01130 E E040332 SALT POND COMMUNITY BROADCASTING

Registration

08/13/2004 - 08/13/2019

Grant of Authority

Date Effective: 10/20/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1186 ACADIA HIGHWAY (WERU-FM) ROUTE 1, HANCOCK, EAST ORLAND, ME

44 ° 26 ' 4.00 " N LAT.

68 ° 35 ' 25.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PE

3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER
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3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040813-01169 E E040336 DISCOVERY WORLD TELEVISION, INC.

Registration 08/13/2004 - 08/13/2019

Grant of Authority Date Effective: 10/21/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 22746 SHAW ROAD, LOUDOUN, STERLING, VA

38 ° 59 ' 17.40 " N LAT.

77 ° 25 ' 33.90 " W LONG.

ANTENNA ID: 1 4.5 meters PATRIOT ANTENNA SYSTEMS 4.5M.

3700.0000 - 4200.0000 MHz	36M0F8W	Analog Video with Audio Subcarriers
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3700.0000 - 4200.0000 MHz	4M00G7W -	Digital Audio, Data, and Video
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Audio, Data, and Video
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Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040827-01273 E E040346 PATAPHYSICAL BROADCASTING FOUNDATION, INC.

Registration	08/27/2004 - 08/27/2019
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Grant of Authority Date Effective: 10/20/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 203 8TH AVENUE (KUSP-FM), SANTA CRUZ, SANTA CRUZ, CA

ANTENNA ID:	1	3.7 meters	PRODELIN CORPORATION	136-750
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3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER
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3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER
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Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040827-01278 E E040347 BOARD OF REGENTS, UNIV. OF WISCONSIN SYSTEM

Registration 08/27/2004 - 08/27/2019

Grant of Authority Date Effective: 10/21/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 515 NORTH 15TH STREET (WLSU-FM), LA CROSSE, LA CROSSE, WI
43 ° 48 ' 58.00 " N LAT. 91 ° 14 ' 5.00 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN CORPORATION 3.7 M. PF/ 136-750

3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	DIGITAL AUDIO CARRIER
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3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER
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Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040909-01357 E E040364 SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

Registration 09/09/2004 - 09/09/2019

Grant of Authority Date Effective: 10/20/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1700 W. HILLSDALE BLVD. (KCSM-FM), SAN MATEO, SAN MATEO, CA
37 ° 32 ' 10.00 " N LAT. 122 ° 20 ' 5.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz	30K0F1D	DIGITAL AUDIO CARRIER
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3700.0000 - 4200.0000 MHz	10M3G7W	DIGITAL AUDIO CARRIER
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Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040910-01360 E E040366 COXCOM, INC.

Registration

09/10/2004 - 09/10/2019

Grant of Authority

Date Effective: 10/20/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

"CORRECTION" due to a typo error this Receive-Only Registration appeared on Accepted Public Notice Report No. SES-00640, dated September 15, 2004 with incorrect technical data such as the Site Coordinate Longitude W. was 77-16-52 , and it should have been 77-13-52, Per e-mail request dated September 23, 2004, as shown on the Frequency Coordination Report, and also the Receive Frequency Band (3700-4200) MHz for Emission Designator (36M0F8W) does not required EIRP and EIRP Density as shown on the Accepted Public Notice.

SITE ID: 1

LOCATION: 2917 ESKRIDGE RD, MERRIFIELD, VA, FAIRFAX, FAIRFAX, VA
38 ° 52 ' 22.00 " N LAT. 77 ° 13 ' 52.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA TECH CORP SIMULSAT 5M.
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG AND DIGITAL

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041001-01586 P E940522 The Crawford Group Inc.

Renewal

12/09/2004 - 12/09/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 700 Clayton Corporate Park, LADUE, ST. LOUIS, MO
38 ° 38 ' 38.20 " N LAT. 90 ° 20 ' 46.10 " W LONG.

ANTENNA ID: 1 6.1 meters VERTEX 6.1 KPK
14000.0000 - 14500.0000 MHz 922KG7W 72.40 dBW
11700.0000 - 12200.0000 MHz 115KG7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041004-01584 P E940523 The Crawford Group Inc.

Renewal

12/09/2004 - 12/09/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 1.2 meters PRODELIN 1124-23003

14000.0000 - 14500.0000 MHz 115KG7W 42.80 dBW

11700.0000 - 12200.0000 MHz 922KG7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041011-01509 E E8172 ROBIN MEDIA GROUP INC.

Renewal

12/28/2004 - 12/28/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

"CORRECTION" has been done on the Licensee's Name that was filed on FCC Form 312-R Application For Renewal in error giving the Applicant Name on the FCC Form 312-R Page 1, Number 1 as being "Charter Communications VI, LLC" due to entering the wrong FRN Number for the Applicant, therefore the correct name should have been for (Robin Media Group, Inc.), Per e-mail letter dated October 15, 2004.

SITE ID: 1

LOCATION: 1235 KING STREET SE, BRADLEY, CLEVELAND, TN

35 ° 7 ' 49.00 " N LAT.

84 ° 52 ' 17.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008

3700.0000 - 4200.0000 MHz 36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041015-01585 P E940524 The Crawford Group Inc.

Renewal

12/09/2004 - 12/09/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 1.8 meters PRODELIN 01-0010-03

14000.0000 - 14500.0000 MHz 115KG7W 42.80 dBW

11700.0000 - 12200.0000 MHz 922KG7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041019-01560 E E950003 National Digital Television Center, Inc.

Renewal

12/02/2004 - 12/02/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 7235 W. TITAN ROAD, DOUGLAS, TITAN (33), CO

39 ° 30 ' 49.00 " N LAT.

105 ° 1 ' 29.00 " W LONG.

ANTENNA ID: 1 9.15 meters SCIENTIFIC ATLANTA 8009A-1

5925.0000 - 6425.0000 MHz 36M0F8W 84.00 dBW

5925.0000 - 6425.0000 MHz 36M0F9W 84.00 dBW

5925.0000 - 6425.0000 MHz 36M0G7W 84.00 dBW

3700.0000 - 4200.0000 MHz 36M0F8W

3700.0000 - 4200.0000 MHz 36M0F9W

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041020-01570 E E930402 North Dakota Television License Sub, L.L.C.

Renewal

10/21/2004 - 10/21/2019

Grant of Authority

Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1350 21ST AVENUE SOUTH, CASS, FARGO, ND
46 ° 50 ' 47.00 " N LAT. 96 ° 48 ' 5.00 " W LONG.

ANTENNA ID: 1 3.6 meters ANDREW ES36MPJK

14000.0000 - 14500.0000 MHz 36M0F8W 67.90 dBW

11700.0000 - 12200.0000 MHz 36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041021-01573 E E5348 Fisher Broadcasting Company

Renewal 11/18/2004 - 11/18/2019

Grant of Authority Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 8700 S.W. 159th Street, KING, VASHON ISLAND, WA
47 ° 27 ' 55.00 " N LAT. 122 ° 26 ' 38.00 " W LONG.

ANTENNA ID: 1 12 meters ANDREW CORP. ESA12-46

5925.0000 - 6425.0000 MHz 36M0G1W 82.50 dBW

5925.0000 - 6425.0000 MHz 36M0F3W 82.50 dBW

3700.0000 - 4200.0000 MHz 36M0G1W

3700.0000 - 4200.0000 MHz 36M0F3W

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ANIK -

SES-RWL-20041021-01574 E E930401 Midessa Televison LP

Renewal 10/21/2004 - 10/21/2019

Grant of Authority Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 11320 COUNTY ROAD 127 WEST, MIDLAND, MIDLAND, TX
31 ° 54 ' 38.00 " N LAT. 102 ° 13 ' 52.00 " W LONG.

ANTENNA ID: 1 3.6 meters ANDREW ES36MPJK

14000.0000 - 14500.0000 MHz 36M0F8W 67.90 dBW

11700.0000 - 12200.0000 MHz 36M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041022-01580 E E7846 Ascent Media Systems and Technology Services, LLC
Renewal 10/26/2004 - 10/26/2019
Grant of Authority Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: LAUDERDALE, MERIDIAN, MS
32 ° 19 ' 33.00 " N LAT. 88 ° 41 ' 12.00 " W LONG.

ANTENNA ID: 1 8 meters HARRIS MODEL 5349

14000.0000 - 14500.0000 MHz 112F9 57.10 dBW

14000.0000 - 14500.0000 MHz 36000F9 80.00 dBW

14000.0000 - 14500.0000 MHz 36000F9 80.00 dBW

11700.0000 - 12200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041022-01581 E E7820 Ascent Media Systems and Technology Services, LLC
Renewal 10/26/2004 - 10/26/2019
Grant of Authority Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: MISSOULA, MISSOULA, MT
46 ° 52 ' 23.00 " N LAT. 113 ° 59 ' 49.00 " W LONG.

ANTENNA ID: 1 6.1 meters HARRIS MODEL NO. 534 6

14000.0000 - 14500.0000 MHz 112F9Y 62.00 dBW

14000.0000 - 14500.0000 MHz 36000F9 77.90 dBW

11700.0000 - 12200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041022-01582 E E7819 Ascent Media Systems and Technology Services, LLC
Renewal 10/26/2004 - 10/26/2019
Grant of Authority Date Effective: 10/25/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 846 HOWARD AVENUE, ORLEANS, NEW ORLEANS, LA
29 ° 56 ' 36.80 " N LAT. 90 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 1 8 meters HARRIS 5349

14000.0000 - 14500.0000 MHz 112KG1D 57.00 dBW PSK PRIVATE DATA

14000.0000 - 14500.0000 MHz 36M0F8F 78.00 dBW ANALOG VIDEO W/ASSOC AUDIO
SUBCARRIERS

14000.0000 - 14500.0000 MHz 4M00G7F 70.00 dBW PSK DIGITAL VIDEO WITH ASSOC.
DIGITAL AUDIO AND DATA

14000.0000 - 14500.0000 MHz 36M0G7F 78.00 dBW PSK DIGITAL VIDEO WITH ASSOC.
DIGITAL AUDIO AND DATA

11700.0000 - 11700.0000 MHz 256KG1D PSK PRIVATE DATA

11700.0000 - 11700.0000 MHz 36M0F8F ANALOG VIDEO W/ASSOC AUDIO
SUBCARRIERS

11700.0000 - 11700.0000 MHz 4M00G7F PSK DIGITAL VIDEO WITH ASSOC.
DIGITAL AUDIO AND DATA

11700.0000 - 11700.0000 MHz 36M0G7F PSK DIGITAL VIDEO WITH ASSOC.
DIGITAL AUDIO AND DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20041025-01587 E E8023 LSU-Shreveport

Renewal

11/30/2004 - 11/30/2019

Grant of Authority

Date Effective: 10/26/2004

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: SHREVEPORT, LA

32 ° 25 ' 38.00 " N LAT.

93 ° 42 ' 9.00 " W LONG.

ANTENNA ID: 1

5 meters

AFC

PR-16

5925.0000 - 6005.0000 MHz

154KG7W

50.67 dBW

3700.0000 - 3780.0000 MHz

154KG7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-INTR2004-02194 E Time Warner Cable Inc.

Renewal

Withdrawn

Date Effective: 10/25/2004

Class of Station:

Points of Communication:

SURRENDER

SES-LIC-19991015-01989 E990503 UNIVERSITY OF GEORGIA

License surrendered by Licensee, per letter dated September 30, 2004.

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