



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00865

Wednesday October 18, 2006

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-ASG-20060822-01425 E E960002 MG Broadcasting, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 10/11/2006

Current Licensee: MG Broadcasting, LLC
FROM: MG BROADCASTING, LLC
TO: Sunflower Broadcasting, Inc.

No. of Station(s) listed: 2

SES-ASG-20060822-01427 E E920289 MG Broadcasting, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 10/11/2006

Current Licensee: MG Broadcasting, LLC
FROM: MG BROADCASTING, LLC
TO: NVT Birmingham Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20060830-01650 E E020308 Wyoming Channel 2, Inc.
Application for Consent to Assignment
Grant of Authority Date Effective: 10/17/2006

Current Licensee: WYOMING CHANNEL 2, INC.
FROM: WYOMING CHANNEL 2, INC.
TO: Silverton Broadcasting Company, LLC

No. of Station(s) listed: 1

SES-LIC-20011130-02259 E E010332 Maritime Telecommunications Network, Inc.
Application for Authority 10/06/2006 - 10/06/2021
Grant of Authority Date Effective: 10/06/2006

Class of Station: Other

Nature of Service: Fixed Satellite Service

Authorization is being re-issued to reflect filed amendments. (SES-AMD-20040518-00680, SES-AMD-20040812-01173 and SES-AMD-20060725-01258)

SITE ID: VSAT Remote

LOCATION: 2.4 meter (20 Units), U.S. and Possessions

ANTENNA ID:	MTN-24KLR	2.4 meters	Andrew Corp	62-24356-01C
	14000.0000 - 14500.0000 MHz		350KG7W 44.55 dBW	QPSK; IBS; IP VOICE AND DATA
	11700.0000 - 12200.0000 MHz		350KG7W	QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote-4

LOCATION: 1.0 meter (100 Units)

ANTENNA ID:	ESV-106K	1 meters	SeaTel, Inc.	4006
	14000.0000 - 14500.0000 MHz		350KG7W 41.46 dBW	QPSK; IBS; IP VOICE AND DATA
	11700.0000 - 12200.0000 MHz		350KG7W	QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 3

LOCATION: 2.4 meter (40 Units)

ANTENNA ID:	ESV-24K	2.4 meters	SeaTel, Inc.	9797T
	14000.0000 - 14500.0000 MHz		350KG7W 41.46 dBW	QPSK; IBS; IP VOICE AND DATA
	11700.0000 - 12200.0000 MHz		350KG7W	QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 2

LOCATION: 1.0 meter (100 Units)

ANTENNA ID:	ESV-10K	1 meters	SeaTel, Inc.	4003
	14000.0000 - 14500.0000 MHz		350KG7W 41.46 dBW	QPSK; IBS; IP VOICE AND DATA
	11700.0000 - 12200.0000 MHz		350KG7W	QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 1

LOCATION: 1.2 meter (40 Units)

ANTENNA ID:	ESV-12K	1.2 meters	SeaTel, Inc.	4996T
	14000.0000 - 14500.0000 MHz		350KG7W 41.46 dBW	QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: HUB (2.4 meter)

LOCATION: 3044 N. Commerce Parkway, Broward, Miramar, FL
 25 ° 58 ' 54.60 " N LAT.

80 ° 16 ' 59.50 " W LONG.

ANTENNA ID: MTN-24K-H 2.4 meters Andrew Corp 62-24356-01C

14000.0000 - 14500.0000 MHz 2M50G7W 59.58 dBW QPSK; IBS; IP VOICE AND DATA

11700.0000 - 12200.0000 MHz 2M50G7W QPSK; IBS; IP VOICE AND DATA

Points of Communication:

ESV Remote 1 - ALSAT - (ALSAT)

ESV Remote 2 - ALSAT - (ALSAT)

ESV Remote 3 - ALSAT - (ALSAT)

ESV Remote-4 - ALSAT - (ALSAT)

HUB (2.4 meter) - ALSAT - (ALSAT)

VSAT Remote - ALSAT - (ALSAT)

SES-LIC-20060823-01430 E E060324 NBC TELEMUNDO LICENSE CO. **EZ**
Application for Authority 10/11/2006 - 10/11/2021
Grant of Authority Date Effective: 10/11/2006

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: TB 2.3 meters VERTEXRSI 240KV

14000.0000 - 14500.0000 MHz 36M0G7W 74.74 dBW DIGITAL VIDEO, AUDIO & DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20060823-01432 E E060325 NBC TELEMUNDO LICENSE CO. **EZ**
Application for Authority 10/11/2006 - 10/11/2021
Grant of Authority Date Effective: 10/11/2006

Class of Station: Temporary Fixed Earth Station

14000.0000 - 14500.0000 MHz	18M0G7D	67.20 dBW	QPSK, 3/4 RATE FEC, COMPRESSED HDTV
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11700.0000 - 12200.0000 MHz	18M0G7D		QPSK, 3/4 RATE FEC, COMPRESSED HDTV
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Points of Communication:

P1 - PERMITTED LIST - ()

SES-LIC-INTR2006-02788 E GlobeCast North America Incorporated

Application for Authority

Withdrawn

Date Effective: 10/12/2006

Class of Station: Temporary Fixed Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Flyaway 1

LOCATION:

ANTENNA ID: Flyaway1	1.5 meters	Advent	Mantis
1375.0000 - 1450.0000 MHz	40m0G7F	25.44 dBW	QPSK, MCPC, Digital video
1375.0000 - 1450.0000 MHz	60m0G7F	25.44 dBW	QPSK, MCPC, Digital video
1375.0000 - 1450.0000 MHz	9M0G7F	25.44 dBW	QPSK, MCPC, Digital video
1095.0000 - 1170.0000 MHz	9M0G7F		QPSK, MCPC, Digital video
1170.0000 - 1220.0000 MHz	9M0G7F		QPSK, MCPC, Digital video
1220.0000 - 1275.0000 MHz	9M0G7F		QPSK, MCPC, Digital video
1095.0000 - 1170.0000 MHz	40M0G7F		QPSK, MCPC, Digital video
1170.0000 - 1220.0000 MHz	40M0G7F		QPSK, MCPC, Digital video
1220.0000 - 1275.0000 MHz	40M0G7F		QPSK, MCPC, Digital video

Points of Communication:

Flyaway 1 - ALSAT - (ALSAT)

Flyaway 1 - ALSAT - (ALSAT)

Flyaway 1 - EUTELSAT AB-1 - (12.5 W.L.)

Flyaway 1 - EUTELSAT AB-2 - (8.0 W.L.)

Flyaway 1 - EUTELSAT AB-3 - (5.0 W.L.)

Flyaway 1 - HORIZONS 1 - (127 DEG WL)

Flyaway 1 - IA-7 - (129 W.L.)

Flyaway 1 - INTELSAT 707 - (53 W.L.)

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

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

Flyaway 1 - NSS 5 - (177 W.L.)

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

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

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

Flyaway 1 - PAS-1R - (45.0 W.L.)

Flyaway 1 - PAS-3R - (43.0 W.L.)

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

Flyaway 1 - SATMEX 6 - (113 W.L.)

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

SES-MOD-20060823-01498 E E030029 LORAL SPACECOM CORPORATION

Application for Modification

03/20/2003 - 03/20/2018

Grant of Authority

Date Effective: 10/17/2006

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
 39 ° 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	SMD5 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
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11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
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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
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14000.0000 - 14500.0000 MHz	380KG7W	52.80 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
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11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
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11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
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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
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14000.0000 - 14500.0000 MHz	750KG7W	52.60 dBW	QPSK, 512 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	1M50G7W	52.90 dBW	QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	3M00G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	360KG7W	52.40 dBW	QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	4M90G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE
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11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48 MBPS 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	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

SITE ID: REMOTE12

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

ANTENNA ID: ENS 1.2 4W	1.2 meters	PATRIOT	TXFLY-120KU
14000.0000 - 14500.0000 MHz	356KG7W	48.20 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	48.20 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE13

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

ANTENNA ID: ENS 1.2 2W	1.2 meters	PATRIOT	TXFLY-120KU
14000.0000 - 14500.0000 MHz	356KG7W	45.50 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	45.50 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE14

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

ANTENNA ID:	ENS 1.8 2W	1.8 meters	PATRIOT	TXFLY-180KU	
	14000.0000 - 14500.0000 MHz		356KG7W	49.00 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	49.00 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

SITE ID: REMOTE15
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID:	ENS 1.8 4W	1.8 meters	PATRIOT	TXFLY-180KU	
	14000.0000 - 14500.0000 MHz		356KG7W	51.70 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	52.60 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

Points of Communication:

- 1 HUB - ALSAT - (ALSAT)
- 1 HUB - TELSTAR 12 - (15 W.L.)
- REMOTE 1 - TELSTAR 11 - (37.5 W.L.)
- REMOTE 1 - TELSTAR 12 - (15 W.L.)
- REMOTE 10P - ALSAT - (ALSAT)
- REMOTE 11PROD - ALSAT - (ALSAT)
- REMOTE 2 - ALSAT - (ALSAT)
- REMOTE 2 - TELSTAR 12 - (15 W.L.)
- REMOTE 3 - ALSAT - (ALSAT)
- REMOTE 3 - TELSTAR 12 - (15 W.L.)
- REMOTE 4 - TELSTAR 12 - (15 W.L.)
- REMOTE 5 - ALSAT - (ALSAT)
- REMOTE 5 - TELSTAR 12 - (15 W.L.)
- REMOTE 6 - ALSAT - (ALSAT)

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

REMOTE 7 - ALSAT - (ALSAT)

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

REMOTE 8P - ALSAT - (ALSAT)

REMOTE 9P - ALSAT - (ALSAT)

REMOTE12 - ALSAT - (ALSAT)

REMOTE13 - ALSAT - (ALSAT)

REMOTE14 - ALSAT - (ALSAT)

REMOTE15 - ALSAT - (ALSAT)

SES-MOD-20060824-01499 E E020101 LORAL SPACECOM CORPORATION

Application for Modification

09/17/2002 - 09/17/2017

Grant of Authority

Date Effective: 10/17/2006

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

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

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
14000.0000 - 14500.0000 MHz	3M00G7W	56.00 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING

14000.0000 - 14500.0000 MHz	380KG7W	56.00 dBW	QPSK, 256 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256 KBPS, 2/3 FEC TURBOCODING

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
14000.0000 - 14500.0000 MHz	380KG7W	58.50 dBW	QPSK, 256 KBPS, TURBOCODE, 2/3 FEC
14000.0000 - 14500.0000 MHz	3M00G7W	58.50 dBW	QPSK 2048 KBPS, 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: REMOTE11 PROD
LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 2.4M PROD	2.4 meters	PRODELIN	P24
14000.0000 - 14500.0000 MHz	380KG7W	54.10 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	750KG7W	52.50 dBW	QPSK, 512 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
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

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 (9.3M. HUB), SHENANDOAH, MT. JACKSON, VA
 39 ° 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: REMOTE13

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

ANTENNA ID: ENS 1.2 2W	1.2 meters	PATRIOT	TXFLY-120KU
14000.0000 - 14500.0000 MHz	356KG7W	45.50 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	45.50 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE14

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

ANTENNA ID: ENS 1.8 2W	1.8 meters	PATRIOT	TXFLY-180KU
14000.0000 - 14500.0000 MHz	356KG7W	49.00 dBW	395 QPSK

14000.0000 - 14500.0000 MHz	693KG7W	49.00 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE15
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.8 4W 1.8 meters PATRIOT TXFLY-180KU

14000.0000 - 14500.0000 MHz	356KG7W	51.70 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	52.60 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE12
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.2 4W 1.2 meters PATRIOT TXFLY-120KU

14000.0000 - 14500.0000 MHz	356KG7W	48.20 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	48.20 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

Points of Communication:

- HUB 9.3-M - ALSAT - (ALSAT)
- REMOTE 0.95M - TELSTAR 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)

REMOTE12 - ALSAT - (ALSAT)

REMOTE13 - ALSAT - (ALSAT)

REMOTE14 - ALSAT - (ALSAT)

REMOTE15 - ALSAT - (ALSAT)

REMOTE8P - ALSAT - (ALSAT)

REMOTE9P - ALSAT - (ALSAT)

SES-RWL-20061010-01823 E E960490 Americom Government Services, Inc.

Renewal

10/18/2006 - 10/18/2021

Grant of Authority

Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2310 KINGMAN ROAD, FORT BELVOIR, VA

38 ° 43 ' 30.00 " N LAT.

77 ° 8 ' 43.00 " W LONG.

ANTENNA ID: 1

4.6 meters

VERTEX

K46CTRL

14000.0000 - 14500.0000 MHz

2M10G7W

67.10 dBW

11700.0000 - 12200.0000 MHz

2M10G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061010-01825 E E970007 Nebraska Educational Telecommunications Commission

Renewal

11/27/2006 - 11/27/2021

Grant of Authority

Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: RLH US MEAT ANIMAL RESEARCH CTR SPUR 18D, CLAY CENTER, NE

40 ° 31 ' 37.00 " N LAT.

98 ° 8 ' 27.00 " W LONG.

ANTENNA ID: 1

4.5 meters

ANDREW

ESA45-46

5925.0000 - 6425.0000 MHz	1M08G1D	56.20 dBW
3700.0000 - 4200.0000 MHz	1M08G1D	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061010-01826 E E970008 Nebraska Educational Telecommunications Commission
Renewal 11/27/2006 - 11/27/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 204TH AND DODGE STREETS, OMAHA, NE
41 ° 15 ' 51.00 " N LAT. 96 ° 13 ' 47.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW ESA45-46

5925.0000 - 6425.0000 MHz	1M08G1D	56.20 dBW
3700.0000 - 4200.0000 MHz	1M08G1D	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061011-01830 E E960491 SES Americom, Inc.
Renewal 10/16/2006 - 10/16/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 5990 SOLANO VERDE DRIVE, VENTURA COUNTY, SOMIS, CA
34 ° 19 ' 31.00 " N LAT. 118 ° 59 ' 41.00 " W LONG.

ANTENNA ID: 1 4.6 meters ANDREW ES46P-1

14000.0000 - 14500.0000 MHz	36M0G7W	78.50 dBW
14000.0000 - 14500.0000 MHz	36M0F9Y	78.50 dBW
11700.0000 - 12200.0000 MHz	36M0G7W	

11700.0000 - 12200.0000 MHz 36M0F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061011-01834 E KA71 PanAmSat Licensee Corp.

Renewal

11/15/2006 - 11/15/2021

Grant of Authority

Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 33 EAST TELEGRAPH ROAD, VENTURA, FILMORE, CA

34 ° 24 ' 22.00 " N LAT.

118 ° 53 ' 37.40 " W LONG.

ANTENNA ID: 1	13 meters	SATCOM/RSI	1300 CH
5925.0000 - 6425.0000 MHz	750KF2D	76.00 dBW	COMMAND CARRIER
5925.0000 - 6425.0000 MHz	64K0G7D	65.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	750KF2D		
3700.0000 - 4200.0000 MHz	64K0G7D		
3700.0000 - 4200.0000 MHz	36M0G7W		
3700.0000 - 4200.0000 MHz	36M0F8F		

Points of Communication:

1 - ALSAT - (ALSAT)

1 - INTELSAT POR -

SES-RWL-20061012-01835 E E960483 KSTP-TV, LLC

Renewal

10/25/2006 - 10/25/2021

Grant of Authority

Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3415 UNIVERSITY AVE, RAMSEY, SAINT PAUL, MN
44 ° 58 ' 6.00 " N LAT. 93 ° 12 ' 25.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW	E545MPI
14000.0000 - 14500.0000 MHz	5M50G7W	68.90 dBW	DIGITAL, QPSK, SCPC, VIDEO, AUDIO
14000.0000 - 14500.0000 MHz	36M0G7W	68.90 dBW	DIGITAL, QPSK, SCPC, VIDEO, AUDIO
11700.0000 - 12200.0000 MHz	5M50G7W		DIGITAL, QPSK, SCPC, VIDEO, AUDIO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, QPSK, SCPC, VIDEO, AUDIO

Points of Communication:

1 - IA-8 - (89 W.L.)

SES-RWL-20061012-01838 E E865042 Comcast of South Jersey, Inc.
Renewal 12/26/2006 - 12/26/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: ATLANTIC, HAMMONTON, NJ
39 ° 38 ' 41.00 " N LAT. 74 ° 49 ' 29.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW CORPORATION	ESA45-4
3700.0000 - 4200.0000 MHz	36000F9		

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061012-01843 E E960612 Mt Wilson FM Broadcasters Inc
Renewal 11/29/2006 - 11/29/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 1500 COTNER AVE., LOS ANGELES, CA
34 ° 2 ' 58.00 " N LAT. 118 ° 26 ' 49.00 " W LONG.

ANTENNA ID: 1	3.8 meters	PRODELIN, INC. 1380	MODEL P60381/P40381
6138.1000 - 6175.0000 MHz		307KG7W	56.00 dBW
6138.1000 - 6175.0000 MHz		154KG7W	56.00 dBW
5925.0000 - 6108.1000 MHz		307KG7W	56.00 dBW
5925.0000 - 6108.1000 MHz		154KG7W	56.00 dBW
3700.0000 - 4200.0000 MHz		307KG7W	
3700.0000 - 4200.0000 MHz		154KG7W	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061012-01844 E E960501 Radiocraft, Inc.
Renewal 11/07/2006 - 11/07/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: TOWN HIGHWAY 19, WASHINGTON, CABOT, VT
44 ° 24 ' 15.00 " N LAT. 72 ° 15 ' 47.00 " W LONG.

ANTENNA ID: 1	1.8 meters	PRODELIN	1181
14000.0000 - 14500.0000 MHz		200KF1D	50.20 dBW
14000.0000 - 14500.0000 MHz		350KF1D	52.20 dBW
11700.0000 - 12200.0000 MHz		200KF1D	
11700.0000 - 12200.0000 MHz		350KF1D	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061012-01845 E E970076 MCI Communications Services, Inc. (fka MCI WorldCom Communications, Inc.)
 Renewal 01/31/2007 - 01/31/2022
 Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 400 INTERNATIONAL PARKWAY, DALLAS, RICHARDSON, TX
 32 ° 57 ' 15.00 " N LAT. 96 ° 42 ' 28.00 " W LONG.

ANTENNA ID: 1	2.4 meters	PRODELIN	1251 (OFFSAT)
14000.0000 - 14500.0000 MHz	9K60G7W-	63.18 dBW	PSK, DIGITAL W/FEC
14000.0000 - 14500.0000 MHz	4M92G7W		
11700.0000 - 12200.0000 MHz	9K60G7W-		PSK, DIGITAL W/FEC
11700.0000 - 12200.0000 MHz	4M92G7W		
ANTENNA ID: 2	3.8 meters	PRODELIN	1381 (OFFSAT)
14000.0000 - 14500.0000 MHz	9K60G7W-	72.23 dBW	
14000.0000 - 14500.0000 MHz	4M92G7W		
11700.0000 - 12200.0000 MHz	9K60G7W-		
11700.0000 - 12200.0000 MHz	4M92G7W		
ANTENNA ID: 3	3.7 meters	ANDREW	ES37
14000.0000 - 14500.0000 MHz	9K60G7W	42.60 dBW	(-14.6@FLANGE) PSK W/FEC VOICE, DATA, FAX
14000.0000 - 14500.0000 MHz	4M92G7W	69.70 dBW	(-14.6@FLANGE) PSK W/FEC VOICE, DATA, FAX
11700.0000 - 12200.0000 MHz	9K60G7W		PSK W/FEC VOICE, DATA, FAX
11700.0000 - 12200.0000 MHz	4M92G7W		PSK W/FEC VOICE, DATA, FAX
ANTENNA ID: 4	2.4 meters	VERTEX	2.4DPVK-1634D
14000.0000 - 14500.0000 MHz	4M92G7W	69.70 dBW	PSK W/FEC VOICE, DATA, FAX
14000.0000 - 14500.0000 MHz	9K60G7W	42.60 dBW	PSK W/FEC VOICE, DATA, FAX

11700.0000 - 12200.0000 MHz 4M92G7W
11700.0000 - 12200.0000 MHz 9K60G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20061013-01849 E E960474 QUALCOMM Incorporated
Renewal 01/03/2007 - 01/03/2022
Grant of Authority Date Effective: 10/16/2006

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: BOATRACS 1
LOCATION: CONUS AK, HI, PR, CANADA

ANTENNA ID:	REMOTE	0.08 meters	QUALCOMM	10-J5226-1
14200.0000 - 14450.0000 MHz	48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM	
14200.0000 - 14450.0000 MHz	36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM	
14200.0000 - 14450.0000 MHz	36M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM	
14200.0000 - 14450.0000 MHz	48M0F1D	20.00 dBW	FREQUENCY HOPPED, DIRECT SEQUENCE SPREAD SPECTRUM	
11700.0000 - 12200.0000 MHz	2M05G7D	OMNI-2 FORWARD LINK DATA (QPSK)		
11700.0000 - 12200.0000 MHz	2M00G1D	OMNITRACS FORWARD LINK DATA (MODE B)		

Points of Communication:

BOATRACS 1 - ALSAT - (ALSAT)

SES-RWL-20061013-01850 E E865031 KIRO-TV, Inc.
Renewal 12/19/2006 - 12/19/2021
Grant of Authority Date Effective: 10/16/2006

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: KING, VASHON, WA
47 ° 23 ' 55.00 " N LAT. 122 ° 26 ' 1.00 " W LONG.

ANTENNA ID: 1 7 meters SCIENTIFIC ATLANTA 8010
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20060807-01318 E E060236 DIRECTV Enterprises, LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/12/2006

Class of Station:

Special Temporary Authority is GRANTED in accordance with terms in the conditions in the attachment to the grant.

Points of Communication:

SES-STA-20060807-01319 E E930304 DIRECTV Enterprises, LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/12/2006

Class of Station:

Special Temporary Authority is GRANTED in accordance with terms in the conditions in the attachment to the grant.

Points of Communication:

SES-STA-20060807-01320 E E990159 DIRECTV Enterprises, LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/12/2006

Class of Station:

Special Temporary Authority is GRANTED in accordance with terms in the conditions in the attachment to the grant.

Points of Communication:

SES-STA-20061002-01799 E E890805 Grand Valley State University
Special Temporary Authority
Grant of Authority Date Effective: 10/13/2006

Class of Station:

This Special Temporary Authority is Granted with attached condition for a period of 60 days beginning October 13, 2006 ending December 11, 2006. See attached Granted Condition for STA:

This is granted without prejudice to any future FCC enforcement action against Grand Valley State University in connection with any unauthorized operation of radio facilities.

Points of Communication:

SES-STA-20061010-01828 E E060374 Fox Television Stations, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/11/2006

Class of Station:

Special Temporary Authority is GRANTED for 60 days beginning October 11, 2006 and ending December 9, 2006.

Points of Communication:

SES-STA-20061012-01840 E E060377 HEARST-ARGYLE TELEVISION, INC.
Special Temporary Authority
Grant of Authority Date Effective: 10/17/2006

Class of Station:

Special Temporary Authority is GRANTED for a period of 60 days beginning October 17, 2006 and ending December 15, 2006.

Points of Communication:

SES-STA-20061012-01842 E E970322 Lockheed Martin Corporation
Special Temporary Authority
Grant of Authority Date Effective: 10/16/2006

Class of Station:

Extension of Special Temporary Authority is GRANTED pursuant to same conditions in previous STA (SES-STA-20060608-00950), to continue from October 19, 2006 and ending December 17, 2006.

Points of Communication:

SES-T/C-20060822-01423 E E873739 AZ ASSET HOLDINGS I, LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 10/17/2006

Current Licensee: CNG COMMUNICATIONS, INC.

FROM: AZ ASSET HOLDINGS I, LLC

TO: Sparkplug Southwest, LLC

No. of Station(s) listed: 4

SES-T/C-20060823-01497 E E020130 Time Warner Inc.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 10/17/2006

Current Licensee: KCCP Trust

FROM: COMCAST CORPORATION

TO: Time Warner Inc.

No. of Station(s) listed: 2

Dismissal

SES-AFS-20060905-01666 E010016 Hawaii Pacific Teleport, L.P.

Hawaii Pacific Teleport, L.P. amendment application is dismissed without prejudice as defective, see DA 06-2010, released October 11, 2006.

SES-MFS-20060720-01217 E010016 Hawaii Pacific Teleport, L.P.

Hawaii Pacific Teleport, L.P. modification application is dismissed without prejudice as defective, see DA 06-2010, released October 11, 2006.

INFORMATIVE

SES-REG-19990804-01332 E990330 TIME WARNER ENTERTAINMENT COMPANY, L.P.

Licensee has surrendered license, per letter dated October 4, 2006.

SES-RWL-20041116-01699 E950120 TIME WARNER ENTERTAINMENT COMPANY LP

Licensee has surrendered license, per letter dated October 4, 2006.

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