



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00534

Wednesday September 17, 2003

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-LIC-19990712-01244 P E990307 WASHINGTON APPLE COMMISSION
Application for Authority 09/01/1999 - 09/01/2009
Discontinuance of Service Date Effective: 09/12/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

Licensee is discontinuing their satellite service.

SITE ID: TX-1
LOCATION: VARIOUS/ CONUS

ANTENNA ID:	KU-3.5M	3.5 meters	COMTECH ANTENNA SYSTEMS	3.5 TRANSPORT
	14000.0000 - 14500.0000 MHz	36M0F8F	75.35 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO
	11700.0000 - 12200.0000 MHz	36M0F8F		
	14000.0000 - 14500.0000 MHz	36M0G7F	75.35 dBW	PSK DIGITAL VIDEO WITH AUDIO, DATA
	11700.0000 - 12200.0000 MHz	36M0G7F		

Points of Communication:

TX-1 - ALSAT - (ALSAT)

SES-LIC-20030403-00423 E E030073 PanAmSat Licensee Corp.

Application for Authority

09/11/2003 - 09/11/2018

Grant of Authority

Date Effective: 09/11/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2875 Fork Creek Church Road, Dekalb, Ellenwood, GA

33 ° 39 ' 49.00 " N LAT.

84 ° 16 ' 20.00 " W LONG.

ANTENNA ID: 1	3.8 meters	Vertex	3.8M DPC
5925.0000 - 6425.0000 MHz	36M0F8F	70.00 dBW	Analog video
5925.0000 - 6425.0000 MHz	64K0G7W	55.00 dBW	Digital video and data
3700.0000 - 4200.0000 MHz	36M0F8F		
3700.0000 - 4200.0000 MHz	36M0G7W		
5925.0000 - 6425.0000 MHz	36M0G7W	71.90 dBW	Digital video and data
3700.0000 - 4200.0000 MHz	64K0G7W		

Points of Communication:

SES-LIC-20030723-01017 E E030163 Public Broadcasting of Colorado, Inc.

Application for Authority

09/16/2003 - 09/16/2018

Grant of Authority

Date Effective: 09/16/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 7409 S. Alton Ct., Arapahoe, Centennial, CO

39 ° 34 ' 56.00 " N LAT.

104 ° 52 ' 59.00 " W LONG.

ANTENNA ID: 1	3.8 meters	Prodelin	1383
3700.0000 - 4200.0000 MHz	76K8G7D		QPSK Digital, 1/2 FEC, 64 kbps
3700.0000 - 4200.0000 MHz	154KG7W		QPSK Digital, 1/2 FEC, 128 kbps
3700.0000 - 4200.0000 MHz	307KG7W		QPSK Digital, 1/2 FEC, 256 kbps
3700.0000 - 4200.0000 MHz	200KF3E		Analog SCPC

5925.0000 - 6425.0000 MHz	76K8G7D	56.00 dBW	QPSK Digital, 1/2 FEC, 64 kbps
5925.0000 - 6425.0000 MHz	230KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 192 kbps
5925.0000 - 6425.0000 MHz	307KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 256 kbps
5925.0000 - 6425.0000 MHz	200KF3E	57.70 dBW	Analog SCPC
3700.0000 - 4200.0000 MHz	230KG7W		QPSK Digital, 1/2 FEC, 192 kbps
5925.0000 - 6425.0000 MHz	154KG7W	58.90 dBW	QPSK Digital, 1/2 FEC, 128 kbps

Points of Communication:

1 - GALAXY 4R - (99 W.L.)

SES-LIC-20030805-01091 E E030174 PanAmSat Licensee Corp.

Application for Authority

09/16/2003 - 09/16/2018

Grant of Authority

Date Effective: 09/16/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 12410 NW 39th St, Broward, Coral Springs, FL

26 ° 16 ' 40.00 " N LAT.

80 ° 17 ' 33.00 " W LONG.

ANTENNA ID: 1 11 meters ViaSat 8016A

14000.0000 - 14500.0000 MHz	750KF2D	71.00 dBW	Command
14000.0000 - 14500.0000 MHz	18M0F8F	82.00 dBW	Analog video
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital video and data
14000.0000 - 14500.0000 MHz	64K0G7W	58.00 dBW	Digital video and data
11700.0000 - 12200.0000 MHz	36M0F8F		
11700.0000 - 12200.0000 MHz	18M0F8F		
11700.0000 - 12200.0000 MHz	64K0G7W		
14000.0000 - 14500.0000 MHz	36M0F8F	85.00 dBW	Analog video
11700.0000 - 12200.0000 MHz	750KF2D		
11700.0000 - 12200.0000 MHz	36M0G7W		

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20030505-00672 P E030029 LORAL SPACECOM CORPORATION

Application for Modification

03/20/2003 - 03/20/2018

Grant of Authority

Date Effective: 09/16/2003

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
	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
	14000.0000 - 14500.0000 MHz		54M0G7W	80.00 dBW	QPSK 48MBPS 2/3 FEC
	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
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	3M17G7W	44.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
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

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

ANTENNA ID:	1.2M/P	1.2 meters	PRODELIN	1134
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz	3M17G7W	46.00 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
	11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	QPSK 48MBPS 2/3 FEC
	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

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
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
	11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
	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

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

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

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

ANTENNA ID: 0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO 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
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	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO 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	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE

SITE ID: REMOTE 5
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/CM 1.2 meters CHANNEL MASTER TYPE 120

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
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	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
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE

SITE ID: REMOTE 6
LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE180	
	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	
	14000.0000 - 14500.0000 MHz		750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz		3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO 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		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		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		4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz		360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz		4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz		3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz		2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz		380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz		1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE

Points of Communication:

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

SES-MOD-20030624-00896 E E980285 DIRECTV Enterprises, LLC

Application for Modification

08/14/1998 - 08/14/2008

Grant of Authority

Date Effective: 09/16/2003

Class of Station: Fixed Earth Stations

Nature of Service: Feeder Link for DBS in Fixed Satellite Service

SITE ID: LABC

LOCATION: 12800 CULVER BLVD., LOS ANGELES, LOS ANGELES, CA

33 ° 58 ' 56.50 " N LAT.

118 ° 25 ' 31.20 " W LONG.

ANTENNA ID: LD10

9.3 meters

VERTEX/RSI

930KS

17300.0000 - 17800.0000 MHz

800KF2D

85.40 dBW

FM, PDM/PSK COMMAND DATA

12200.0000 - 12700.0000 MHz

800KF2D

BPSK, PCM/PSK TELEMETRY AND RANGING DATA

Points of Communication:

LABC - DIRECTSAT - 1R - (101.0 W.L.)

LABC - DIRECTV - 2 - (101 W.L.)

LABC - DIRECTV - 3 - (101 W.L.)

LABC - DIRECTV 1 - (101.0 W.L.)

LABC - DIRECTV 5 - (119 W.L.)

LABC - DIRECTV 6 - (110.0 W.L.)

LABC - DIRECTV 7S - (119 W.L.)

LABC - DIREVTV 4S - (101 W.L.)

SES-MOD-20030703-00928 E E000587 Iron-Link Communications, Inc.

Application for Modification

11/06/2000 - 11/06/2010

Grant of Authority

Date Effective: 09/16/2003

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 277 S.W. 33rd Street, Davie, FL

26 ° 4 ' 58.00 " N LAT.

80 ° 8 ' 35.00 " W LONG.

ANTENNA ID: 1

4.5 meters

ANDREW

A 4.5

5925.0000 - 6425.0000 MHz	5M00G7W	56.20 dBW	digital video, data, and voice services.
3700.0000 - 4200.0000 MHz	5M00G7W		digital video, data, and voice services.
ANTENNA ID: 2	4.9 meters	ANDREW	A 4.9
5925.0000 - 6425.0000 MHz	5M00G7D	58.30 dBW	digital video, data, and voice services.
3700.0000 - 4200.0000 MHz	5M00G7D		digital video, data, and voice services.

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - NSS-7 - (338.5 E.L.)
- 1 - SATMEX-5 - (116.8 W.L.)

SES-MOD-20030716-00985 E E5520 FLINT CABLE TV, INC.
 Application for Modification 04/29/2003 - 04/29/2018
 Grant of Authority Date Effective: 09/10/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

"MOD" to change emission designator, antenna manufacturer, relocate fixed earth station, and technical data to its existing receive only registration.

SITE ID: 1
 LOCATION: 101 WEST MARION STREET, TAYLOR, REYNOLDS, GA
 32 ° 33 ' 29.60 " N LAT. 84 ° 5 ' 47.90 " W LONG.

ANTENNA ID: 1	5 meters	ANTENNA TECHNOLOGY COMMUNICATIONS, INC.	SIMULSAT-5
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBSCRIBERS

Points of Communication:

- 1 - ALSAT - (ALSAT)

SES-MOD-20030811-01115 E E6214 ALASCOM, INC.
 Application for Modification 09/16/2003 - 09/16/2018
 Grant of Authority Date Effective: 09/16/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: MENTASTA, AK
62 ° 55 ' 51.60 " N LAT. 143 ° 47 ' 44.80 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION 49900-2
5925.0000 - 6425.0000 MHz 1M15G7W 59.70 dBW 8PSK
3700.0000 - 4200.0000 MHz 1M15G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20030829-01189 E E010151 WB Holdings 1 LLC

Application for Modification

03/14/2002 - 03/14/2012

Date Effective:

Class of Station: Fixed Earth Stations

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

WB Holdings 1, LLC ("WB Holdings"), a wholly owned subsidiary of WildBlue Communications, Inc., hereby voluntarily withdraws the earth station application filed on August 29, 2003.

SITE ID: 1
LOCATION: 417 PROGRESS CIRCLE (CHEYENNE BUSINESS P, LARAMIE, CHEYENNE, WY
41 ° 7 ' 51.70 " N LAT. 104 ° 44 ' 16.00 " W LONG.

ANTENNA ID: GES-2L-A 5.6 meters ANDREW CORPORATION, INC. ES-56-KA-1
29500.0000 - 30000.0000 MHz 18M0G7W 69.51 dBW PSK, DATA, INTERNET
29500.0000 - 30000.0000 MHz 18M0G7W 69.51 dBW QAM, DATA, INTERNET
29250.0000 - 29500.0000 MHz 18M0G7W 69.51 dBW PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz 18M0G7W 69.51 dBW QAM, DATA, INTERNET
28350.0000 - 28600.0000 MHz 18M0G7W 69.51 dBW PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz 18M0G7W 69.51 dBW QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz 200KG7W PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz 1M60G7W PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz 200KG7W QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz 1M60G7W QAM, DATA, INTERNET

18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		QAM, DATA, INTERNET
ANTENNA ID: GES-2-A	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	400KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	800KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA & INTERNET
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	400KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	800KG7W		PSK, DATA & INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA & INTERNET
19700.0000 - 20200.0000 MHz	200KG7W		PSK, DATA & INTERNET
19700.0000 - 20200.0000 MHz	400KG7W		PSK, DATA & INTERNET
19700.0000 - 20200.0000 MHz	800KG7W		PSK, DATA & INTERNET
19700.0000 - 20200.0000 MHz	1M60G7W		PSK, DATA & INTERNET
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA & INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA & INTERNET
29500.0000 - 30000.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA & INTERNET

SITE ID: 1
LOCATION: 417 PROGRESS CIRCLE (CHEYENNE BUSINESS PARK), LARAMIE, CHEYENNE, WY
41 ° 7 ' 51.60 " N LAT. 104 ° 44 ' 17.90 " W LONG.

Points of Communication:

1 - ANIK E2 - (111.1 W.L)

1 - WILDBLUE 1 - (109.2 W.L.)

SES-MOD-20030902-01197 E E010153 WB Holdings 1 LLC

Application for Modification

03/14/2002 - 03/14/2012

Date Effective:

Class of Station: Fixed Earth Stations

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

WB Holdings 1, LLC ("WB Holdings"), a wholly owned subsidiary of WildBlue Communications, Inc., hereby voluntarily withdraws the earth station application filed on August 29, 2003.

SITE ID: 1

LOCATION: 13611 CABEZUT DR., UNITEC INDUSTRIAL CTR, WEBB, LAREDO, TX

27 ° 41 ' 25.10 " N LAT.

99 ° 27 ' 5.00 " W LONG.

ANTENNA ID: GES-3L-A 5.6 meters ANDREW CORPORATION, INC. ES-56-KA-1

29500.0000 - 30000.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
29500.0000 - 30000.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
29250.0000 - 29500.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
28350.0000 - 28600.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz			PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz			QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz			QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz			PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz			QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz			QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz			PSK, DATA, INTERNET

Points of Communication:

Class of Station: Fixed Earth Stations

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

WB Holdings 1, LLC ("WB Holdings"), a wholly owned subsidiary of WildBlue Communications, Inc., hereby voluntarily withdraws the earth station application filed on August 29, 2003.

SITE ID: 1

LOCATION: 3300 VICKERY ROAD (REYNOLDS OFFICE PARK), ONONDAGA, SALINA, NY

43 ° 6 ' 24.60 " N LAT.

76 ° 9 ' 15.30 " W LONG.

ANTENNA ID: GES-4L-A 5.6 meters ANDREW CORPORATION, INC. ES-56-KA-1

29500.0000 - 30000.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
29500.0000 - 30000.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
29250.0000 - 29500.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
28350.0000 - 28600.0000 MHz	18M0G7W	69.51 dBW	PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz	18M0G7W	69.51 dBW	QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz	200KG7W		PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	1M60G7W		PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	200KG7W		QAM, DATA, INTERNET
19700.0000 - 20200.0000 MHz	1M60G7W		QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		QAM, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		QAM, DATA, INTERNET

Points of Communication:

SES-MOD-20030903-01207 E E020101 Loral SpaceCom Corporation (Debtor-in-Possession)
 Application for Modification 09/17/2002 - 09/17/2017
 Grant of Authority Date Effective: 09/15/2003

Class of Station: VSAT Network

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

Associate remotes with hub under call sign E030029.

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	52.70 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	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	52.70 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	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 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

Points of Communication:

- HUB 9.3-M - ALSAT - (ALSAT)
- 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)

SES-REG-20030721-01007 E E030160 RURALWEST-WESTERN RURAL BROADBAND, INC.
 Registration 07/21/2003 - 07/21/2018
 Grant of Authority Date Effective: 09/10/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 100 LAKE CANYON ROAD, SANTA BARBARA, LOMPOC, CA
 34 ° 44 ' 48.90 " N LAT. 120 ° 31 ' 33.60 " W LONG.

ANTENNA ID: 1	5 meters	ANTENNA TECH CORP	SIMULSAT T40501 5 M.
3700.0000 - 4200.0000 MHz	36M0F8F		STANDARD VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		ANALOG & DIGITAL

Points of Communication:

- 1 - ALSAT - (ALSAT)
-

SES-REG-20030721-01008 E E030161 RURALWEST-WESTERN RURAL BROADBAND, INC.
Registration 07/21/2003 - 07/21/2018
Grant of Authority Date Effective: 09/10/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 800 MITCHELL STREET, EL PASO, COLORADO SPRINGS, CO
38 ° 49 ' 41.00 " N LAT. 104 ° 41 ' 33.90 " W LONG.

ANTENNA ID: 1 3 meters COMTECH ANTENNA SYSTEM 928D0100-G 3-MET
3700.0000 - 4200.0000 MHz 36M0F8F STANDARD VIDEO CARRIER
3700.0000 - 4200.0000 MHz 36M0G7F ANALOG & DIGITAL

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030826-01245 E E6111 ASSOCIATED PRESS
Renewal 08/19/2003 - 08/19/2018
Grant of Authority Date Effective: 09/15/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: KOSCIUSKO, WARSAW, IN
41 ° 14 ' 14.00 " N LAT. 85 ° 51 ' 19.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006
3700.0000 - 4200.0000 MHz 200KF3A
3700.0000 - 4200.0000 MHz 180KF2D
3700.0000 - 4200.0000 MHz 2M50F1D

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030905-01221 E E6270 Time Warner Entertainment - Advance/Newhouse Partnership
Renewal 09/30/2003 - 09/30/2018
Grant of Authority Date Effective: 09/10/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: PENDER, S OF BURGAW, NC

34 ° 30 ' 59.00 " N LAT.

77 ° 54 ' 1.00 " W LONG.

ANTENNA ID: 1 4.6 meters SCIENTIFIC ATLANTA 8005

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030909-01232 E E940040 BARRY TELECOMMUNICATIONS, INC.

Renewal

10/15/2003 - 10/15/2018

Grant of Authority

Date Effective: 09/10/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 3401 SOUTH CONGRESS AVE., (WXEL-FM), PALM BEACH, BOYNTON BEACH, FL

26 ° 29 ' 37.00 " N LAT.

80 ° 5 ' 34.00 " W LONG.

ANTENNA ID: 1 4.3 meters V.V.D.S.

3700.0000 - 4200.0000 MHz 25M0F8W

ANTENNA ID: 2 7 meters MICRODYNE PR-23

3700.0000 - 4200.0000 MHz 25M0F8W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-T/C-20030808-01112 E E930388 Clear Channel Satellite Services

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 09/15/2003

Current Licensee: KOPE RADIO, INC.

FROM: CLEAR CHANNEL SATELLITE SERVICES

TO: Talk Radio Network

No. of Station(s) listed: 1

SES-T/C-20030910-01238 E E940115 Post-Newsweek Stations, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2003

Current Licensee: POST-NEWSWEEK STATIONS, INC.

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 2

SES-T/C-20030910-01239 E E880396 Post Newsweek Stations, Michigan, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2003

Current Licensee: Post Newsweek Stations, Michigan, Inc.

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 1

SES-T/C-20030910-01240 E E860163 Post-Newsweek Stations, Orlando, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2003

Current Licensee: Post-Newsweek Stations, Orlando, Inc.

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 3

SES-T/C-20030911-01241 E E8752 Post-Newsweek Stations, Florida, Inc
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2003

Current Licensee: Post-Newsweek Stations, Florida, Inc

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 6

SES-T/C-20030911-01242 E E950337 Post-Newsweek Stations, Houston, LP
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 09/12/2003

Current Licensee: Post-Newsweek Stations, Houston, LP

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 2

SES-T/C-20030911-01243 E E865117 Post-Newsweek Stations, San Antonio, LP
Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 09/12/2003

Current Licensee: Post-Newsweek Stations, San Antonio, LP

FROM: THE WASHINGTON POST COMPANY

TO: The Washington Post Company (New)

No. of Station(s) listed: 1

INFORMATIVE

SES-LIC-19941213-00011 KA432 VERESTAR, INC.

Licensee has surrendered license, per letter dated August 15, 2003.

SES-LIC-19960202-01843 E960162 DALLAS/FORT WORTH TELEPORT, LTD.

Licensee has surrendered license, per letter dated August 15, 2003.

SES-LIC-19980220-00220 E980201 DALLAS FORT WORTH TELEPORT II, LTD.

Licensee has surrendered license, per letter dated August 15, 2003.

SES-LIC-19990723-01288 E990318 CONUS COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

Licensee has surrendered license, per letter dated September 4, 2003.

SES-MOD-19990715-01238 E881210 Conus Communications Company Limited Partnership

Licensee has surrendered license, per letter dated September 4, 2003.

SES-MOD-20030313-00388 E010150 WB Holdings 1 LLC

Licensee has surrendered license, per letter dated September 4, 2003.

SES-RWL-19930830-00881 E6296 RHODE ISLAND CATV CORPORATION

Licensee has surrendered license, per letter dated August 25, 2003.

SES-RWL-19931029-00434 E6428 AUSABLE CABLE TV, INC. (d/b/a Falcon Cable TV)

Licensee has surrendered license, per letter dated September 2, 2003.

SES-RWL-19970609-00733 E850458 CONUS COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

Licensee has surrendered license, per letter dated September 4, 2003.

SES-RWL-19970610-00752 E860511 CONUS COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

Licensee has surrendered license, per letter dated September 4, 2003.

SES-RWL-19981124-01770 E881212 CONUS COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

Licensee has surrendered license, per letter dated September 4, 2003.

SES-RWL-19981210-01867 E890155 CONUS COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

Licensee has surrendered license, per letter dated September 4, 2003.

SES-RWL-19990325-00493 E873895 DALLAS/FORT WORTH TELEPORT, LTD.

Licensee has surrendered license, per letter dated August 15, 2003.

SES-RWL-20001030-02093 E900271 ALYESKA PIPELINE SERVICE COMPANY

Licensee has surrendered license, per letter dated August 27, 2003.

SES-RWL-20001030-02095 E900273 ALYESKA PIPELINE SERVICE COMPANY

Licensee has surrendered license, per letter dated August 27, 2003.

SES-RWL-20001030-02096 E900274 ALYESKA PIPELINE SERVICE COMPANY

Licensee has surrendered license, per letter dated August 27, 2003.

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